TOSHIBA

TOSHIBA Barcode Printer

BX400/600 Series

SNMP Specification

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12.6.8 bcpSNMPPrivacyPassword (1.3.6.1.4.1.1129.1.2.1.1.5.6.1.8.X) ... 222
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1 GENERAL DESCRIPTION

1.1 Purpose

To enable the printer to be defined as a managed device under the network management system, by installing the SNMP agent in the printer and providing information to the network management tool.

1.2 Features

Simple Network Management Protocol (SNMP) is a part of TCP/IP Protocol suite, which has been designed as an application level protocol and intended to operate in User Datagram Protocol (UDP). The manager process on the managed station controls a network administrator's accesses to the central MIB, as well as provides a user interface. The manager process also performs a network management using the UDP/IP and the SNMP installed on the protocol which is depending on the network media.

2 SCOPE

The alphabet "B" of the B series of the barcode printers stands for the initial letter of each model.
This document applies to the MIB data and trap specification that are included in the SNMP function of the following B series barcode printers.

- BX410, BX420, BX430
- BX610, BX620

OID	Name
1.3.6.1.2.1.1.1	sysDescr
1.3.6.1.2.1.1.2	sysObjectID
1.3.6.1.2.1.1.3	sysUptime
1.3.6.1.2.1.1.5	sysName
1.3.6.1.2.1.1.6	sysLocation
1.3.6.1.2.1.25.3.2.1.3	hrDeviceDescr
1.3.6.1.2.1.25.3.5.1.1	hrPrinterStatus
1.3.6.1.4.1.1129.1.2.1.1.1.2.1	bcpDeviceModel
1.3.6.1.4.1.1129.1.2.1.1.1.2.2	bcpDeviceMainVersion
1.3.6.1.4.1.1129.1.2.1.1.1.2.3	bcpDeviceMainDate
1.3.6.1.4.1.1129.1.2.1.1.1.2.5	bcpDeviceBootVersion
1.3.6.1.4.1.1129.1.2.1.1.1.2.6	bcpDeviceBootDate
1.3.6.1.4.1.1129.1.2.1.1.1.2.8	bcpDeviceCGVersion
1.3.6.1.4.1.1129.1.2.1.1.1.2.10	bcpDeviceKanji1ROM
1.3.6.1.4.1.1129.1.2.1.1.1.2.11	bcpDeviceKanji1Version
1.3.6.1.4.1.1129.1.2.1.1.1.2.13	bcpDeviceKanji2ROM
1.3.6.1.4.1.1129.1.2.1.1.1.2.14	bcpDeviceKanji2Version
1.3.6.1.4.1.1129.1.2.1.1.1.4.1	bcpManageNumber
1.3.6.1.4.1.1129.1.2.1.1.1.4.2	bcpManageAdministrator
1.3.6.1.4.1.1129.1.2.1.1.1.4.3	bcpManageComment
1.3.6.1.4.1.1129.1.2.1.1.2.1.1	bcpStatusID
1.3.6.1.4.1.1129.1.2.1.1.2.1.3	bcpHeadStatus
1.3.6.1.4.1.1129.1.2.1.1.4.1.1	bcpParamFont
1.3.6.1.4.1.1129.1.2.1.1.5.1.4	bcpTCPIPSocketPort
1.3.6.1.4.1.1129.1.2.1.1.5.1.5	bcpTCPIPSocketPortNo
1.3.6.1.4.1.1129.1.2.1.1.5.2.1	bcpDHCPEnable
1.3.6.1.4.1.1129.1.2.1.1.5.2.3	bcpDHCPName
1.3.6.1.4.1.1129.1.2.1.1.1.2.28	bcpDeviceHTMLVersion
1.3.6.1.4.1.1129.1.2.1.1.1.2.29	bcpDeviceHTMLDate
1.3.6.1.4.1.1129.1.2.1.2.2.1	bcpPrivateChkDLHardInfo
1.3.6.1.4.1.1129.1.2.1.2.2.2	bcpPrivateChkDlMachineInfo
1.3.6.1.4.1.1129.1.2.1.1.1.2.31	bcpDeviceKanji3ROM
1.3.6.1.4.1.1129.1.2.1.1.1.2.32	bcpDeviceKanji3Version

*2 For the BX series, the private MIB OID related to the wireless LAN is not supported.

OID	Name	Wireless LAN module	
		B-EX700-WLAN-QM-R	B-EX700-WLAN3-QM-S
1.3.6.1.4.1.1129.1.2.1.1.5.3.15	bcpWLAN80211bChannel	Supported	Not supported
1.3.6.1.4.1.1129.1.2.1.1.5.3.16	bcpWLAN80211bBaud	Supported	Not supported
1.3.6.1.4.1.1129.1.2.1.1.5.3.17	bcpWLAN80211gChannel	Supported	Not supported
1.3.6.1.4.1.1129.1.2.1.1.5.3.18	bcpWLAN80211gBaud	Supported	Not supported
1.3.6.1.4.1.1129.1.2.1.1.5.3.20	bcpWLANESSID	Not supported	Supported
1.3.6.1.4.1.1129.1.2.1.1.5.3.24	bcpWLANRegulatoryDomain	Not supported	Supported
1.3.6.1.4.1.1129.1.2.1.1.5.3.28	bcpWLANRoamingThresholdLo	Not supported	Supported
1.3.6.1.4.1.1129.1.2.1.1.5.3.30	bcpWLANVersion	Not supported	Supported
1.3.6.1.4.1.1129.1.2.1.1.5.3.31	bcpWLANInfraBAND	Not supported	Supported

3 SNMP PDU (Protocol Data Unit)

3.1 SNMP Message

Version	Community	SNMP PDU

3.2 GetRequest PDU, GetNextRequest PDU, SetRequest PDU

PDU type	Request ID	0	0	Variable bindings

The command is sent when the information is obtained or set from the Host (Manager) to the Printer (Agent).

3.3 GetBulkRequest PDU

PDU type	Request ID	NonRepeaters	MaxRepetitions	variable bindings

The command is sent when the information is continuously obtained from the Host (Manager) to the Printer (Agent).

3.4 GetResponse PDU

PDU type	Request ID	Error status	Error index	Variable bindings

This command is sent from the Printer (Agent) to the Host (Manager) as a response to GetRequest, GetNextRequest, GetBulkRequest and SetRequest.

Request	Result	Error Status	Variable bindings
GET (v1)	Normal end	noError (0)	The contents of the requested OID
GET (v1)	Not exist OID	noSuchName (2)	NULL (0x05)
GET (v1)	Packet Size excess	tooBig (1)	NULL (0x05)
GET NEXT (v1)	Normal End	noError (0)	Contents of the next OID of OID that was requested
GET NEXT (v1)	Not exist OID	noSuchName (2)	NULL (0x05)
SET (v1)	Not exist OID	noSuchName (2)	The value specified in the request
SET (v1)	read-only attribute	noSuchName (2)	The value specified in the request
SET (v1)	Out-of-specification value	badValue (3)	The value specified in the request
GET (v2c)	Normal End	noError (0)	The contents of the requested OID
GET (v2c)	Not exist OID (Brother OID exist) *	noError (2)	noSuchInstance (0x81)
GET (v2c)	Not exist OID (Brother OID non-exist) *	noError (2)	noSuchObject (0x80)
GET (v2c)	Packet Size excess	tooBig (1)	NULL (0x05)
GET NEXT (v2c)	Normal End	noError (0)	The contents of the requested OID
GET NEXT (v2c)	Not exist OID	noSuchName (2)	NULL (0x05)
GET BULK (v2c)	Normal End	noError (0)	OID contents list (refer GET BULK)
GET BULK (v2c)	Not exist OID	noError (2)	endOfMibView (0x82)
SET (v2c)	Not exist OID	noSuchName (2)	The value specified in the request
SET (v2c)	read-only attribute	notWritable (17)	The value specified in the request
SET (v2c)	Data type mismatch	wrongType (7)	The value specified in the request
SET (v2c)	Size over	wrongLength (8)	The value specified in the request
SET (v2c)	Range	wrongValue (9)	The value specified in the request

* "Brother OID": The OID that has the same parent OID as specified one.

Example) 1.3.6.1.2.1.1.1 and **1.3.6.1.2.1.1**.2 is the brother OID.

1.3.6.1.2.1.1.1 and **1.3.6.1.2.1.2**.1 is not the brother OID.

3.5 Trap PDU

Trap is used when the status change of the printer is notified from the Printer (Agent) to the Host (Manager).
At the time of startup and rebooting, Generic-trap is used. At the time of error and the end of the jobs, Specific-trap is used.
The type of the notification can be set in bcpSNMPTrapEnable (1.3.6.1.4.1.1129.1.2.1.1.5.4.1.2.X). The IP address of the notification destination can be set in bcpSNMPTrapReceiver (1.3.6.1.4.1.1129.1.2.1.1.5.4.1.3.X).
The available format types are V1 and V2/V3. This differs depending on model.

3.5.1 Trap setting

The trap setting can be configured from the Web Utility.
Up to 10 addresses can be set.
A trap is notified when a printer error has occurred, a job is finished and at the time of the cold start for each specified address.

3.5.2 Trap format

V1 and V2/V3 are prepared as a format and this differs depending on the models.

V1

PDU type	Enterprise	Agent address	Generic-trap	Specific-trap	Time stamp	Variable bindings

PDU type: 0xA4 (fixed)

Enterprise: 1.3.6.1.4.1129.1.2.1

Agent address: Printer IP address

Generic-trap:

0: coldStart — At the power on time or after a boot reset
* This will be sent when the SNMP service is started.
1: warmStart — After an OS reset
* A-BRID is not supported.
2: linkdown — Not used
3: linkup — Not used
4: authenticationFailure (Authentication error) — Community name unmatched
5: egpNeiborLoss — Not used
6: enterpriseSpecific (Printer error) — At a printer error occurrence
7: End of job — End of job

Specific-trap:

When Generic-trap is 6: 1 to 98 (Printer's detailed error code)
When Generic-trap is other than 6: 0 (fixed)

Time stamp: Fixed to 100

Variable bindings:

When Generic-trap code is 0 to 5, no variable bindings occur.
When Generic-trap code is 6, the OID and the value representing the erroneous job information and the total number of labels to print are grouped.
When Generic-trap code is 7, the OID and the value representing the ended job information and the total number of labels to print are grouped. The job information includes a job ID, job name, job received time, and PC name.

OIDs are as follows:

1.3.6.1.4.1.1129.1.2.1.1.2.2.1	.bcpJobID	Job ID
1.3.6.1.4.1.1129.1.2.1.1.2.2.2	.bcpJobName	Job name
1.3.6.1.4.1.1129.1.2.1.1.2.2.3	.bcpJobDate	Job received time
1.3.6.1.4.1.1129.1.2.1.1.2.2.4	.bcpJobSender	PC name
1.3.6.1.4.1.1129.1.2.1.1.2.2.5	.bcpJobPrinted	Total number of labels to print in a job

V2, V3

PDU type	Request ID	0	0	Variable bindings

PDU type 0xA4 (fixed)

Request ID Any number ranging from 1 to 0xFFFFFFFF (Serial number from the power on)

Variable bindings Common variable for All Trap.

1.3.6.1.2.1.1.3.0	sysUptime	System startup time (in the unit of 100 ms)
1.3.6.1.6.3.1.1.4.1.0	snmpTrapOID	OID indicating the trap type

Combines the group of the OID representing the Generic-trap code and Specific-trap code of SNMP V1 and the value (NULL) and the one of the OID representing supplemental information and the value.

OIDs representing the Generic-trap code and Specific-trap code:

coldstart	1.3.6.1.6.3.1.1.5.1
warmstart	1.3.6.1.6.3.1.1.5.2
linkdown	1.3.6.1.6.3.1.1.5.3
linkup	1.3.6.1.6.3.1.1.5.4
authenticationFailure	1.3.6.1.6.3.1.1.5.5
egpNeiborLoss	1.3.6.1.6.3.1.1.5.6
Printer error	1.3.6.1.4.1.1129.1.2.1. Detailed error code
End of job	1.3.6.1.4.1.1129.1.2.1.99

* This will not be sent if the communication path is not ready at the occurrence timing.
  Example) Not sent when using B-EX6T wirelessly

Supplemental information

There is no supplemental information for coldstart, warmstart, linkdown, authenticationFailure, and egpNeiborLoss.

Linkup includes the group of the OID representing the interface information and the value. The OIDs are as follows.

1.3.6.1.2.1.2.2.1.1.X	ifIndex	Interface number
1.3.6.1.2.1.2.2.1.7.X	ifAdminStatus	Management status
1.3.6.1.2.1.2.2.1.8.X	ifOperStatus	Operator status

In the case of printer errors, the OID representing the erroneous job information and the total number of labels to print in a job and the value are grouped.

In the case of the end of job, the OID representing the finished job information and the total number of labels to print in a job and the value are grouped. The job information includes Job ID, Job name, Job received time and PC name.

The OIDs are as follows.

1.3.6.1.4.1.1129.1.2.1.1.2.2.1	.bcpJobID	Job ID
1.3.6.1.4.1.1129.1.2.1.1.2.2.2	.bcpJobName	Job name
1.3.6.1.4.1.1129.1.2.1.1.2.2.3	.bcpJobDate	Job received time
1.3.6.1.4.1.1129.1.2.1.1.2.2.4	.bcpJobSender	PC name
1.3.6.1.4.1.1129.1.2.1.1.2.2.5	.bcpJobPrinted	Total number of labels to print in a job

3.6 Variable Bindings

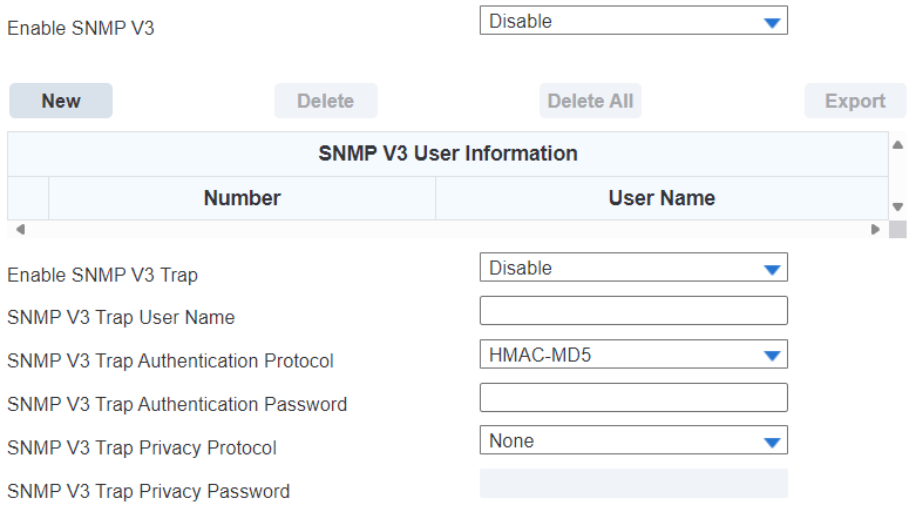
Variable name 1	Value 1	Variable name 2	Value 2	…	Variable name n	Value n

3.7 SNMP V3

The SNMP V3 is a function whose security feature has been enhanced by adding that for the SNMP V1/V2. The information on the network can be protected by the authentication and encryption of the SNMP packet.

To use the SNMP V3, it is required to enable the setting. The SNMP V3 related settings can be configured from the Web Utility.

Web Utility setting screen
Parameter Setting > LAN > SNMP Section



3.7.1 SNMP V3 usage

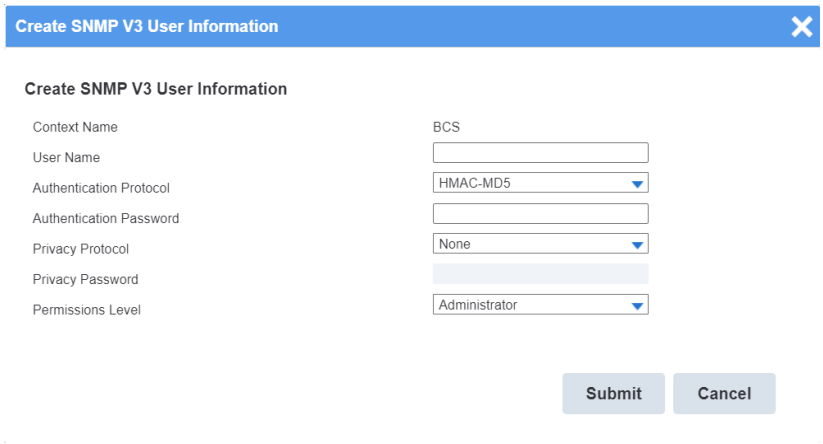
Selects to enable or disable the SMMP V3. (Default: Disable)

3.7.2 SNMP V3 user information

SNMP V3 user information is used for the authentication when the host is connected to the printer with the SNMP protocol.

Up to 10 users can be registered.

Registration or removal can be operated by the Web Utility.



1) Context name
   BCS (fixed)
2) User name
   Enters the user name. Up to 31 characters (alphanumeric characters and symbols) can be entered.
   Prohibited characters:
3) Authentication protocol
   Selects the protocol to be used for the authentication.
   HMAC-MD5: Select this when using HMAC-MD5.
   HMAC-SHA: Select this when using HMAC-SHA.
4) Authentication password
   Enters the password to be used for the authentication. Up to 31 characters (alphanumeric characters and symbols) can be entered.
   Prohibited characters:
5) Privacy protocol
   Selects the protocol to be used for the data encryption.
   NONE: Select this when no encryption is applied.
   CBC-DES: Select this when using CBC-DES.
   CFB-AES-128: Select this when using AES-128 (CFB mode).
6) Privacy protocol password
   Enters the user information password. Up to 31 characters (alphanumeric characters and symbols) can be entered.
   This is available only when “CBS-DES” or “CFB-AES” is selected for [Privacy protocol].
7) Permission level
   Selects the user access permission level for the SNMP V3.
   User: Only reading of the data is permitted.
   Administrator: Both reading and writing of the data are permitted.

3.7.3 SNMP V3 trap usage

Selects to send or not the SMMP v3 trap. (Default: Disable)

3.7.4 SNMP V3 trap user name

Enters the SNMP V3 trap user name. Up to 31 characters (alphanumeric characters and symbols) can be entered.

3.7.5 SNMP V3 trap authentication protocol

Selects the protocol to be used for the authentication.

HMAC-MD5: Select this when using HMAC-MD5.

HMAC-SHA: Select this when using HMAC-SHA.

3.7.6 SNMP V3 trap authentication password

Enters the authentication password. Up to 31 characters (alphanumeric characters and symbols) can be entered.

Prohibited characters:

3.7.7 SNMP V3 trap privacy protocol

Selects the protocol to be used for the data encryption.

NONE: Select this when no encryption is applied.

CBC-DES: Select this when using CBC-DES.

CFB-AES-128: Select this when using AES-128 (CFB mode).

3.7.8 SNMP V3 trap privacy password

Enters the privacy password. Up to 31 characters (alphanumeric characters and symbols) can be entered.

Prohibited characters:

4 MIB DATA

4.1 Reading and Writing of MIB

MIB data are classified into two types according to this attribute: “Read only” and “Read/Write”.
“Read only” is unique to each printer, which cannot be overwritten.
“Read/Write” is rewritable, but a restart of the printer needs to be requested so that the changes take effect.
Restart request OID: 1.3.6.1.4.1.1129.1.2.1.1.1.5.1

The accumulated count and accumulated time in MIB-2 are not backed up. Therefore, they are erased when the power is turned off.
Moreover, the operation is not guaranteed if a Read/Write request is made to non-compliant MIB information.

4.2 Update of MIB

MIB data are updated at the following timing: “Fixed”, “Start-up” or “As needed”.
In the case of “Fixed” timing, MIB data cannot be changed.
In the case of “Start-up”, MIB data take effect when the printer is started. When a network manager changes the settings, the changes take effect after the printer is restarted (rebooted).
In the case of “As needed”, the changes take effect right after it is changed. Changes made both on the printer and by the network manager take effect immediately.

4.3 Sensor Values in the Power Saving Mode

When the following data are read while the printer is in the power saving mode, all responses are 0 V.
To check if the sensor is broken, read the sensor value after printing.

- Transmissive sensor
- Reflective sensor
- Media end sensor
- Ribbon end sensor

4.4 Applicable MIB List

The SNMP MIB is comprised of the standard MIB and Toshiba Tec unique MIB.
EnterpriseID for Toshiba Tec is 1129.

Standard MIB Tree

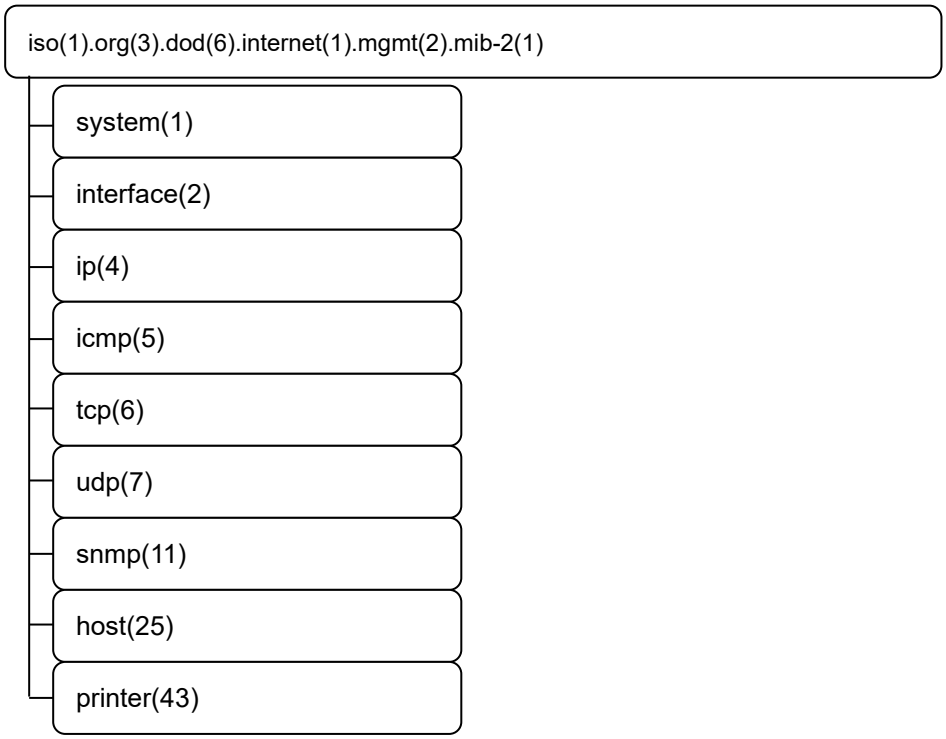
iso(1).org(3).dod(6).internet(1).mgmt(2).mib-2(1)

Toshiba Tec unique MIB Tree

iso(1).org(3).dod(6).internet(1). private(4). enterprises(1). Toshibatec(1129).ris(1). hardware(2).bcp(1)

4.5 Standard MIB Tree

The standard MIB has the following groups.



5 MIB-2 (1.3.6.1.2.1)

This group is comprised of the following objects.

RFC1213 (http://www.ietf.org/rfc/rfc1213.txt)

- system (1)
- interface (2)
- Ip (4)
- icmp (5)
- tcp (6)
- udp (7)
- snmp (11)

RFC1514 (http://www.ietf.org/rfc/rfc1514.txt)

- host (25)

RFC1759 (http://www.ietf.org/rfc/rfc1759.txt)

- Printer (43)

5.1 system (1.3.6.1.2.1.1)

The system group manages the system information of the printer and supports the following objects.

- sysDescr (1)
- sysObjectID (2)
- sysUptime (3)
- sysContact (4)
- sysName (5)
- sysLocation (6)
- sysService (7)

5.1.1 sysDescr (1.3.6.1.2.1.1.1)

Data type String255
Read/Write read-only
Update timing Fixed
Description Name, version
Value

BX410/BX420/BX430	TOSHIBA TEC BX400
BX610/BX620	TOSHIBA TEC BX600

Reference

B-EX4T	TOSHIBA TEC B-EX4T
B-EX6T	TOSHIBA TEC B-EX6T
B-EX4D	TOSHIBA TEC B-EX4D
BA410T/BA420T	TOSHIBA TEC BA400T
BV400D/BV420D	TOSHIBA TEC BV400

5.1.2 sysObjectID(1.3.6.1.2.1.1.2)

Data type	ObjectID
Read/Write	read-only
Update timing	Fixed
Description	Object ID of the system
Value	1.3.6.1.4.1.1129.1.2.1

5.1.3 sysUptime(1.3.6.1.2.1.1.3)

Data type	TimeTicks
Read/Write	read-only
Update timing	As needed
Description	Length of time after the last start-up (msec.)
Value	Same as “Description”

5.1.4 sysContact(1.3.6.1.2.1.1.4)

Data type	String255
Read/Write	read-write
Update timing	Start-up
Description	Contact person’s data (Department, contact address, etc.) Programmed by the SNMP Manager
Value	Same as “Description”

5.1.5 sysName(1.3.6.1.2.1.1.5)

Data type	String255
Read/Write	read-write
Update timing	Start-up
Description	An administratively-assigned name for the device Programmed by the SNMP Manager
Value	Same as “Description”

5.1.6 sysLocation(1.3.6.1.2.1.1.6)

Data type	String255
Read/Write	read-write
Update timing	Start-up
Description	Physical location (installation site) Programmed by the SNMP Manager
Value	Same as “Description”

5.1.7 sysService(1.3.6.1.2.1.1.7)

Data type Integer32
Read/Write read-only
Update timing Fixed
Description Services that the system offers
Value

BX410/BX420/BX430	64
BX610/BX620	64

Remarks

Layer 1	1	physical
Layer 2	2	datalink/subnetwork
Layer 3	4	internet
Layer 4	8	end-to-end
Layer 7	64	applications

Reference

B-SA4T	79
B-SX6T	79
B-SX8T	79
B-850-R	79
B-SX4T	79
B-SX5T	79
B-450-R	79
B-462-R	79
B-EP2DL-G	79
B-EP4DL-G	79
B-EP4DL-T	79
B-FP2D	64 (applications)
B-FP3D	64 (applications)
B-EV4	7
B-FV4	7
B-EX4T	64 (applications)
B-EX6T	64 (applications)
B-EX4D	64 (applications)
BA410T/BA420T	64 (applications)
BV410D/BV420D	64 (applications)

5.2 interfaces (1.3.6.1.2.1.2)

The interface group manages the network interface information of the printer and supports the following objects. The other objects are not supported.

- ifNumber (1)
- ifTable (2)
  - ifEntry (1)
    - ifIndex (1)
    - ifDescr (2)
    - ifType (3)
    - ifMtu (4)
    - ifPhysAddress (6)
    - ifAdminStatus (7)
    - ifOperStatus (8)

5.2.1 ifNumber (1.3.6.1.2.1.2.1)

Data type Integer32
Read/Write read-only
Update timing Fixed
Description Number of network interfaces
Value

BX410/BX420/BX430	2: Wireless LAN not installed 4: Wireless LAN installed
BX610/BX620	2: Wireless LAN not installed 4: Wireless LAN installed

Reference

B-SA4T	1
B-SX6T	1
B-SX8T	1
B-850-R	1
B-SX4T	1
B-SX5T	1
B-450-R	1
B-462-R	1
B-EP2DL-G	1
B-EP4DL-G	1
B-EP4DL-T	1
B-FP2D	1
B-FP3D	1
B-EV4	1
B-FV4	1
B-EX4T	1
B-EX6T	1 * Not supported with the wireless LAN
B-EX4D	1
BA410T/BA420T	1
BV410D/BV420D	1

5.2.2 ifIndex (1.3.6.1.2.1.2.2.1.1)

Data type Integer32
Read/Write read-only
Update timing Fixed
Description Unique value for each interface
Value

BX410/BX420/BX430	When the wired LAN is enabled ifIndex.1 ifIndex.2 When the wireless LAN is enabled ifIndex.1 ifIndex.2 ifIndex.3 ifIndex.4
BX610/BX620	When the wired LAN is enabled ifIndex.1 ifIndex.2 When the wireless LAN is enabled ifIndex.1 ifIndex.2 ifIndex.3 ifIndex.4

Reference

B-SA4T	1
B-SX6T	1
B-SX8T	1
B-850-R	1
B-SX4T	1
B-SX5T	1
B-450-R	1
B-462-R	1
B-EP2DL-G	1
B-EP4DL-G	1
B-EP4DL-T	1
B-FP2D	1
B-FP3D	1
B-EV4	1
B-FV4	1
B-EX4T	2
B-EX6T	2 * Not supported with the wireless LAN
B-EX4D	2
BA410T/BA420T	1
BV410D/BV420D	1

5.2.3 ifDescr (1.3.6.1.2.1.2.2.1.2)

Data type String255
Read/Write read-only
Update timing Fixed
Description Name of the interface
Value

BX410/BX420/BX430	When the wired LAN is enabled ifDescr.1: lo ifDescr.2: eth0 When the wireless LAN is enabled ifDescr.1: lo ifDescr.2: eth0 ifDescr.3: wlan0 ifDescr.4: wlan1
BX610/BX620	When the wired LAN is enabled ifDescr.1: lo ifDescr.2: eth0 When the wireless LAN is enabled ifDescr.1: lo ifDescr.2: eth0 ifDescr.3: wlan0 ifDescr.4: wlan1

Reference

B-SA4T	lnc0
B-SX6T	lnc0
B-SX8T	lnc0
B-850-R	lnc0
B-SX4T	lnc0
B-SX5T	lnc0
B-450-R	lnc0
B-462-R	lnc0
B-EP2DL-G	lo0
B-EP4DL-G	lo0
B-EP4DL-T	lo0
B-FP2D	wlan0
B-FP3D	wlan0
B-EV4	eth0
B-FV4	eth0
B-EX4T	smsc0 (Wired LAN), wls1 (Wireless LAN)
B-EX6T	smsc0 (Wired LAN), Not supported with the wireless LAN
B-EX4D	smsc0 (Wired LAN), wls1 (Wireless LAN)
BA410T/BA420T	eth0 (Wired LAN), wlan0 (Wireless LAN)
BV410D/BV420D	eth0 (Wired LAN), wlan0 (Wireless LAN)

5.2.4 ifType (1.3.6.1.2.1.2.2.1.3)

Data type Integer32
Read/Write read-only
Update timing Fixed
Description Type of the interface
Value

BX410/BX420/BX430	When the wired LAN is enabled ifType.1: 24 (softwareLoopback) ifType.1: 6 (Ethernet) When the wireless LAN is enabled ifType.3: 6 ifType.4: 6
BX610/BX620	When the wired LAN is enabled ifType.1: 24 (softwareLoopback) ifType.1: 6 (Ethernet) When the wireless LAN is enabled ifType.3: 6 ifType.4: 6

Reference

B-SA4T	1
B-SX6T	1
B-SX8T	1
B-850-R	1
B-SX4T	1
B-SX5T	1
B-450-R	1
B-462-R	1
B-EP2DL-G	24
B-EP4DL-G	24
B-EP4DL-T	24
B-FP2D	6
B-FP3D	6
B-EV4	6
B-FV4	6
B-EX4T	6
B-EX6T	6 * Not supported with the wireless LAN
B-EX4D	6
BA410T/BA420T	6
BV410D/BV420D	6

5.2.5 ifMfu (1.3.6.1.2.1.2.2.1.4)

Data type Integer32
Read/Write read-only
Update timing Fixed
Description Size of the largest datagram
Value

BX410/BX420/BX430	When the wired LAN is enabled ifMfu.1: 65536 ifMfu.2: 1500 When the wireless LAN is enabled ifMfu.1: 65536 ifMfu.2: 1500 ifMfu.3: 1500 ifMfu.4: 1500
BX610/BX620	When the wired LAN is enabled ifMfu.1: 65536 ifMfu.2: 1500 When the wireless LAN is enabled ifMfu.1: 65536 ifMfu.2: 1500 ifMfu.3: 1500 ifMfu.4: 1500

Reference

B-SA4T	1500
B-SX6T	1500
B-SX8T	1500
B-850-R	1500
B-SX4T	1500
B-SX5T	1500
B-450-R	1500
B-462-R	1500
B-EP2DL-G	1536
B-EP4DL-G	1536
B-EP4DL-T	1536
B-FP2D	1400
B-FP3D	1400
B-EV4	1500
B-FV4	1500
B-EX4T	1500
B-EX6T	1500 * Not supported with the wireless LAN
B-EX4D	1500
BA410T/BA420T	1500
BV410D/BV420D	1500

5.2.6 ifSpeed (1.3.6.1.2.1.2.2.1.5)

Data type Integer32
Read/Write read-only
Update timing Fixed
Description Interface band frequency (bps)
Value

BX410/BX420/BX430	When the wired LAN is enabled ifSpeed.1: 10000000 ifSpeed.2: 1000000000 When the wireless LAN is enabled ifSpeed.1: 10000000 ifSpeed.2: 1000000000 ifSpeed.3: 10000000 ifSpeed.4: 10000000
BX610/BX620	When the wired LAN is enabled ifSpeed.1: 10000000 ifSpeed.2: 1000000000 When the wireless LAN is enabled ifSpeed.1: 10000000 ifSpeed.2: 1000000000 ifSpeed.3: 10000000 ifSpeed.4: 10000000

5.2.7 ifPhysAddress (1.3.6.1.2.1.2.2.1.6)

Data type MAC Address
Read/Write read-only
Update timing Fixed
Description Address of the interface at the protocol layer (MAC address)
Value Address of each printer

BX410/BX420/BX430	When the wired LAN is enabled ifPhysAddress.1: None (Blank) ifPhysAddress.2: Wired LAN MAC Address When the wireless LAN is enabled ifPhysAddress.1: None (Blank) ifPhysAddress.2: WiredLAN MAC Address ifPhysAddress.3: Wireless LAN MAC Address ifPhysAddress.4: WirelessLAN MAC Address
BX610/BX620	When the wired LAN is enabled ifPhysAddress.1: None (Blank) ifPhysAddress.2: Wired LAN MAC Address When the wireless LAN is enabled ifPhysAddress.1: None (Blank) ifPhysAddress.2: Wired LAN MAC Address ifPhysAddress.3: Wireless LAN MAC Address ifPhysAddress.4: Wireless LAN MAC Address

5.2.8 ifAdminStatus (1.3.6.1.2.1.2.2.1.7)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Status of the interface
The device status can be set on the SNMP manager.

Value

BX410/BX420/BX430	When the wired LAN is enabled ifAdminStatus.1: Logical Interface Status ifAdminStatus.2: Logical Interface Status When the wireless LAN is enabled ifAdminStatus.1: Logical Interface Status ifAdminStatus.2: Logical Interface Status ifAdminStatus.3: Logical Interface Status ifAdminStatus.4: Logical Interface Status
BX610/BX620	When the wired LAN is enabled ifAdminStatus.1: Logical Interface Status ifAdminStatus.2: Logical Interface Status When the wireless LAN is enabled ifAdminStatus.1: Logical Interface Status ifAdminStatus.2: Logical Interface Status ifAdminStatus.3: Logical Interface Status ifAdminStatus.4: Logical Interface Status

* For the setting value, refer to the table below.

Setting value

1	Up
2	Down
3	Testing

5.2.9 ifOperStatus (1.3.6.1.2.1.2.2.1.8)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Current operational state
Value

BX410/BX420/BX430	When the wired LAN is enabled ifOperStatus.1: Logical Interface Status ifOperStatus.2: Logical Interface Status When the wireless LAN is enabled ifOperStatus.1: Logical Interface Status ifOperStatus.2: Logical Interface Status ifOperStatus.3: Logical Interface Status ifOperStatus.4: Logical Interface Status
BX610/BX620	When the wired LAN is enabled ifOperStatus.1: Logical Interface Status ifOperStatus.2: Logical Interface Status When the wireless LAN is enabled ifOperStatus.1: Logical Interface Status ifOperStatus.2: Logical Interface Status ifOperStatus.3: Logical Interface Status ifOperStatus.4: Logical Interface Status

* For the setting value, refer to the table below.

Setting value

1	Up
2	Down
3	Testing

5.3 ip (1.3.6.1.2.1.4)

The ip group manages the IP information of the printer and supports the following objects. The other objects are also supported.

- ipAddrTable (20)
  - ipAddrEntry (1)
    - ipAdEntAddr (1)
    - ipAdEntNetMask (3)

5.3.1 ipAdEntAddr (1.3.6.1.2.1.4.20.1.1)

Data type	IP Address
Read/Write	read-only
Update timing	Fixed
Description	IP Address
Value	Same as “Description”
	IP address for each index

5.3.2 ipAdEntIfIndex (1.3.6.1.2.1.4.20.1.2)

Data type	Integer32
Read/Write	read-only
Update timing	Fixed
Description	Index value
Value	Same as “Description”
	Index value for each index

5.3.3 ipAdEntNetMask (1.3.6.1.2.1.4.20.1.3)

Data type	IP Address
Read/Write	read-only
Update timing	Fixed
Description	Subnet Mask
Value	Same as “Description”

5.3.4 ipAdEntBcastAddr (1.3.6.1.2.1.4.20.1.4)

Data type	Integer32
Read/Write	read-only
Update timing	Fixed
Description	Value of the last bit of the IP broadcast address
Value	Same as “Description”
	Value of the last bit of the IP broadcast address of each index

5.4 icmp (1.3.6.1.2.1.5)

The icmp group manages the ICMP information of the printer.
The BX series and B-EX series support this object.

1: icmpInMsgs.0 (Counter) 0
2: icmpInErrors.0 (Counter) 0
3: icmpInDestUnreachs.0 (Counter) 0
4: icmpInTimeExcds.0 (Counter) 0
5: icmpInParmProbs.0 (Counter) 0
6: icmpInSrcQuenchs.0 (Counter) 0
7: icmpInRedirects.0 (Counter) 0
8: icmpInEchos.0 (Counter) 0
9: icmpInEchoReps.0 (Counter) 0
10: icmpInTimestamps.0 (Counter) 0
11: icmpInTimestampReps.0 (Counter) 0
12: icmpInAddrMasks.0 (Counter) 0
13: icmpInAddrMaskReps.0 (Counter) 0
14: icmpOutMsgs.0 (Counter) 5
15: icmpOutErrors.0 (Counter) 0
16: icmpOutDestUnreachs.0 (Counter) 0
17: icmpOutTimeExcds.0 (Counter) 0
18: icmpOutParmProbs.0 (Counter) 0
19: icmpOutSrcQuenchs.0 (Counter) 0
20: icmpOutRedirects.0 (Counter) 0
21: icmpOutEchos.0 (Counter) 5
22: icmpOutEchoReps.0 (Counter) 0
23: icmpOutTimestamps.0 (Counter) 0
24: icmpOutTimestampReps.0 (Counter) 0
25: icmpOutAddrMasks.0 (Counter) 0
26: icmpOutAddrMaskReps.0 (Counter) 0

5.5 tcp (1.3.6.1.2.1.6)

The tcp group manages the tcp information of the printer.
The BX series and B-EX series support this object.

5.6 udp (1.3.6.1.2.1.7)

The udp group manages the udp information of the printer.
The BX series and B-EX series support this object.

5.7 snmp (1.3.6.1.2.1.11)

The snmp group manages the snmp information of the printer.
The BX series and B-EX series support this object.

5.8 host (1.3.6.1.2.1.25)

The host group manages the host information of the printer and supports the following objects. The other objects are not supported.

- hrDevice (3)
  - hrDeviceTable (2)
    - hrDeviceEntry (1)
      - hrDeviceIndex (1)
      - hrDeviceType (2)
      - hrDeviceDescr (3)
      - hrDeviceID (4)
      - hrDeviceStatus (5)
      - hrDeviceErrors (6)
    - hrPrinterTable (5)
      - hrPrinterEntry (1)
        - hrPrinterStatus (1)
        - hrPrinterDetectedErrorState (2)

5.8.1 hrDeviceIndex (1.3.6.1.2.1.25.3.2.1.1)

Data type	Integer32
Read/Write	read-only
Update timing	Fixed
Description	Device index
Value	1
Remarks	

5.8.2 hrDeviceType (1.3.6.1.2.1.25.3.2.1.2)

Data type	Object ID
Read/Write	read-only
Update timing	Fixed
Description	Device type
Value	1.3.6.1.2.1.25.3.1.5
Remarks	

5.8.3 hrDeviceDescr (1.3.6.1.2.1.25.3.2.1.3)

Data type String
Read/Write read-only
Update timing Fixed
Description Device name
Value

BX410/BX420/BX430	TEC BX400
BX610/BX620	TEC BX600

Reference

B-SA4T	TEC B-SA4T
B-SX6T	TEC B-SX6T
B-SX8T	TEC B-SX8T
B-850-R	TEC B-850
B-SX4T	TEC B-SX4T
B-SX5T	TEC B-SX5T
B-450-R	TEC B-450-R
B-462-R	TEC B-462-R
B-EP2DL-G	TEC B-EP2DL-G
B-EP4DL-G	TEC B-EP4DL-G
B-EP4DL-T	TEC B-EP4DL-T
B-FP2D	TEC B-FP2D
B-FP3D	TEC B-FP3D
B-EV4	TEC B-EV4
B-FV4	TEC B-FV4
B-EX4T	TEC B-EX4T
B-EX6T	TEC B-EX6T
B-EX4D	TEC B-EX4D
BA410T/BA420T	TEC BA400T
BV410D/BV420D	TEC BV400

5.8.4 hrDeviceID (1.3.6.1.2.1.25.3.2.1.4)

Data type Object ID
Read/Write read-only
Update timing Fixed
Description Device type
Value 1.3.6.1.2.1.1129.1.2.1
Remarks This is not supported by any model.

5.8.5 hrDeviceStatus (1.3.6.1.2.1.25.3.2.1.5)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Status
Value Refer to “MIB related to the printer status.”
Remarks

5.8.6 hrDeviceErrors (1.3.6.1.2.1.25.3.2.1.6)

Data type	Counter
Read/Write	read-only
Update timing	As needed
Description	The number of errors detected
Value	Same as “Description”
Remarks	This is not supported by any model.

5.8.7 hrPrinterStatus (1.3.6.1.2.1.25.3.5.1.1)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Status
Value	Refer to “MIB related to the printer status.”
Remarks	

5.8.8 hrPrinterDetectedErrorState (1.3.6.1.2.1.25.3.5.1.2)

Data type	String
Read/Write	read-only
Update timing	As needed
Description	Error status
Value	Refer to “MIB related to the printer status.”
Remarks	

5.9 printer (1.3.6.1.2.1.43)

The printer group manages the printer information and supports the following objects. The other objects are not supported.

- printmib (43)
  - prtGeneral (5)
    - prtGeneralTable (1)
      - prtGeneralEntry (1)
        - prtGeneralConfigChanges (1)
        - prtGeneralCurrentLocalization (2)
        - prtGeneralReset (3)
        - prtGeneralCurrentOperator (4)
        - prtGeneralServicePerson (5)
        - prtInputDefaultIndex (6)
        - prtOutputDefaultIndex (7)
        - prtMarkerDefaultIndex (8)
        - prtMediaPathDefaultIndex (9)
        - prtConsoleLocalization (10)
        - prtConsoleNumberOfDisplayLines (11)
        - prtConsoleNumberOfDisplayChars (12)
        - prtConsoleDisable (13)
  - prtAlert (18)
    - prtAlertTable (1)
      - prtAlertEntry (1)
        - prtAlertIndex (1)
        - prtAlertSeverityLevel (2)
        - prtAlertTrainingLevel (3)
        - prtAlertGroup (4)
        - prtAlertGroupIndex (5)
        - prtAlertLocation (6)
        - prtAlertCode (7)
        - prtAlertDescription (8)

5.9.1 prtGeneralConfigChanges (1.3.6.1.2.1.43.5.1.1.1)

Data type	Counter
Read/Write	read-only
Update timing	As needed
Description	Counter which counts the sub unit changes
Value	Same as “Description”
Remarks	

5.9.2 prtGeneralCurrentLocalization (1.3.6.1.2.1.43.5.1.1.2)

Data type	Integer32
Read/Write	read-write
Update timing	As needed
Description	Current location index
Value	Same as “Description”
Remarks	This is not supported by any model.

5.9.3 prtGeneralReset (1.3.6.1.2.1.43.5.1.1.3)

Data type	Integer32
Read/Write	read-write
Update timing	As needed
Description	Request for a reset
Value	Same as “Description”
Remarks	This is not supported by any model.

5.9.4 prtGeneralCurrentOperator (1.3.6.1.2.1.43.5.1.1.4)

Data type	String127
Read/Write	read-write
Update timing	As needed
Description	Name and contact information of the responsible person
Value	Same as “Description”
Remarks	

5.9.5 prtGeneralServicePerson (1.3.6.1.2.1.43.5.1.1.5)

Data type	String127
Read/Write	read-write
Update timing	As needed
Description	Name and contact information of the service person
Value	Same as “Description”
Remarks	

5.9.6 prtInputDefaultIndex (1.3.6.1.2.1.43.5.1.1.6)

Data type	Integer32
Read/Write	read-write
Update timing	Fixed
Description	Default input unit index
Value	1
Remarks	

5.9.7 prtOutputDefaultIndex (1.3.6.1.2.1.43.5.1.1.7)

Data type	Integer32
Read/Write	read-write
Update timing	Fixed
Description	Default output unit index
Value	1
Remarks	

5.9.8 prtMarkerDefaultIndex (1.3.6.1.2.1.43.5.1.1.8)

Data type	Integer32
Read/Write	read-write
Update timing	Fixed
Description	Default marker index
Value	1
Remarks	

5.9.9 prtMediaPathDefaultIndex (1.3.6.1.2.1.43.5.1.1.9)

Data type Integer32
Read/Write read-write
Update timing Fixed
Description Default media path index
Value 1
Remarks

5.9.10 prtConsoleLocalization (1.3.6.1.2.1.43.5.1.1.10)

Data type Integer32
Read/Write read-write
Update timing Fixed
Description Console location
Value 1
Remarks

5.9.11 prtConsoleNumberOfDisplayLines (1.3.6.1.2.1.43.5.1.1.11)

Data type Integer32
Read/Write read-only
Update timing Fixed
Description Console line number
Value

BX410/BX420/BX430	8
BX610/BX620	8

Reference

B-SA4T	2
B-SX6T	2
B-SX8T	2
B-850-R	1
B-SX4T	2
B-SX5T	2
B-450-R	0
B-462-R	0
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	7
B-FP3D	7
B-EV4	0
B-FV4	0
B-EX4T	5
B-EX6T	5
B-EX4D	5
BA410T/BA420T	5
BV410D	5
BV420D	0

Remarks BX400 and BX600 are provided with a graphical LCD. The number of lines above is the value for the standard menu display.

5.9.12 prtConsoleNumberOfDisplayChars (1.3.6.1.2.1.43.5.1.1.12)

Data type Integer32
Read/Write read-only
Update timing Fixed
Description Number of characters per one console line
Value

BX410/BX420/BX430	20
BX610/BX620	20

Reference

B-SA4T	16
B-SX6T	16
B-SX8T	16
B-850-R	16
B-SX4T	16
B-SX5T	16
B-450-R	0
B-462-R	0
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	13
B-FP3D	13
B-EV4	0
B-FV4	0
B-EX4T	21
B-EX6T	21
B-EX4D	21
BA410T/BA420T	21
BV410D	21
BV410D	0

Remarks BX400 and BX600 are provided with a graphical LCD. The number of lines above is the value for the standard menu display.

5.9.13 prtConsoleDisable (1.3.6.1.2.1.43.5.1.1.13)

Data type Integer32
Read/Write read-write
Update timing Fixed
Description Whether or not to allow manual input from the operator’s console
Value 4 (disable)
Remarks This is not supported by any model.

5.9.14 prtAlertIndex (1.3.6.1.2.1.43.18.1.1.1)

Data type Integer32
Read/Write not-accessible
Remarks

5.9.15 prtAlertSeverityLevel (1.3.6.1.2.1.43.18.1.1.2)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Level of alert
Value	Refer to “MIB related to the printer status.”
Remarks	

5.9.16 prtAlertTrainingLevel (1.3.6.1.2.1.43.18.1.1.3)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Level of training required to handle this alert
Value	Refer to “MIB related to the printer status.”
Remarks	

5.9.17 prtAlertGroup (1.3.6.1.2.1.43.18.1.1.4)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Group of alert
Value	Refer to “MIB related to the printer status.”
Remarks	

5.9.18 prtAlertGroupIndex (1.3.6.1.2.1.43.18.1.1.5)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Sub-unit group index
Value	Refer to “MIB related to the printer status.”
Remarks	

6 Private MIB bcpGeneralTable (1.3.6.1.4.1.1129.1.2.1.1.1)

The bcpGeneralTable group manages the general information of the printer and supports the following objects.

- bcpProductEntry (1)
- bcpDeviceEntry (2)
- bcpOptionEntry (3)
- bcpManageEntry (4)
- bcpRequestEntry (5)

6.1 bcpProductEntry (1.3.6.1.4.1.1129.1.2.1.1.1.1)

The bcpProductEntry group manages the product information of the printer and supports the following objects.

- bcpProductNumber (1)
- bcpProductVersion (2)
- bcpProductDestination (3)
- bcpProductModel (4)
- bcpProductResolution (5)

6.1.1 bcpProductNumber (1.3.6.1.4.1.1129.1.2.1.1.1.1.1)

Data type String16, String32
Read/Write read-only
Update timing Start-up
Description Serial number, Serial number data
Value

BX410/BX420/BX430	String32	Serial number data
BX610/BX620	String32	Serial number data

Reference

Model	Data type	Data	Supporting firmware version
B-SA4T	String16	Serial number	C2.0D or before
	String32	Serial number data	C2.1 or later
B-SX6T	String16	Serial number	V1.5 or before
	String32	Serial number data	V1.6 or later
B-SX8T	String16	Serial number	B-SX8T-TS15-R/TS15-CND-R B-SX8T-QM/CN: V1.5 or before
	String32	Serial number data	B-SX8T-QM/CN: C1.6 or later
B-850-R	String16	Serial number	
B-SX4T	String16	Serial number	C5.7C or before
	String32	Serial number data	C5.8 or later
B-SX5T	String16	Serial number	C5.7C or before
	String32	Serial number data	C5.8 or later
B-450-R	String16	Serial number	
B-462-R	String16	Serial number	
B-EP2DL-G	String16	Serial number	
B-EP4DL-G	String16	Serial number	
B-EP4DL-T	String16	Serial number	
B-FP2D	String32	Serial number data	
B-FP3D	String32	Serial number data	
B-EV4	String16	Serial number	
B-FV4	String16	Serial number	
B-EX4T	String16	Serial number	B-EX4T1-G/T-QM/C : C1.2 or before B-EX4T1-TS15/TS25-R B-EX4T2-G/T-QM/CN: C1.2 or before B-EX4T2-H-QM/CN: C1.1 or before B-EX4T3-H
	String32	Serial number data	B-EX4T1-G/T-QM/CN: C1.3 or later B-EX4T2-G/T-QM/CN: C1.2A or later B-EX4T2-H-QM/CN: C1.1A or later
B-EX6T	String32	Serial number data	
B-EX4D	String16	Serial number	B-EX4D2-G/T-QM/CN: D1.1 or before B-EX4D2-G/T-QQ
	String32	Serial number data	B-EX4D2-G/T-QM/CN D1.2 or later
BA410T/BA420T	String32	Serial number data	
BV410D/BV420D	String32	Serial number data	

6.1.2 bcpProductVersion (1.3.6.1.4.1.1129.1.2.1.1.1.1.2)

Data type	String8
Read/Write	read-only
Update timing	Start-up
Description	Product version
Value	This differs depending on the version of each printer.
Remarks	The version name conforms to the following rule
	Printer main firmware version starting with “B” in place of “V”
Example	In the case of main firmware version of “V1.0”, bcpProductVersion will be “B1.0”.

6.1.3 bcpProductDestination (1.3.6.1.4.1.1129.1.2.1.1.1.1.3)

Data type	String8
Read/Write	read-only
Update timing	Start-up
Description	Destination code programmed for the printer

Value

BX410/BX420/BX430	QM/JA/CN/QQ
BX610/BX620	QM/JA/CN/QQ

Reference

B-SA4T	QM/JP
B-SX6T	QM
B-SX8T	QM
B-850-R	QQ/QP/JP
B-SX4T	QP/QM/CN/JA/QQ
B-SX5T	QP/QM/CN/JA/QQ
B-450-R	QM/JP/QQ
B-462-R	CN
B-EP2DL-G	QM/JP
B-EP4DL-G	QM/JP
B-EP4DL-T	QM/JP
B-FP2D	QM/JA/CN/QQ
B-FP3D	QM/JA/QQ
B-EV4	QM/JA/QQ
B-FV4	QM/CN/QQ
B-EX4T	QM/JA/CN/QQ
B-EX6T	QM/JP/CN/QQ
B-EX4D	QQ/QM/CN
BA410T/BA420T	QM/JP/CN/QQ
BV410D/BV420D	QM/JP/CN

Remarks There are two destination codes for Japan: JP and JA.

6.1.4 bcpProductModel (1.3.6.1.4.1.1129.1.2.1.1.1.1.4)

Data type String8
Read/Write read-only
Update timing Start-up
Description Model
Value

BX410/BX420/BX430	METAL
BX610/BX620	METAL

Reference

B-SA4T	PLASTIC/METAL
B-SX6T	METAL
B-SX8T	METAL
B-850-R	METAL
B-SX4T	METAL
B-SX5T	METAL
B-450-R	PLASTIC
B-462-R	PLASTIC
B-EP2DL-G	PLASTIC
B-EP4DL-G	PLASTIC
B-EP4DL-T	PLASTIC
B-FP2D	N/A
B-FP3D	N/A
B-EV4	PLASTIC
B-FV4	PLASTIC
B-EX4T	METAL
B-EX6T	METAL
B-EX4D	METAL
BA410T	METAL
BA420T	PLASTIC
BV410D/BV420D	PLASTIC

6.1.5 bcpProductResolution (1.3.6.1.4.1.1129.1.2.1.1.1.1.5)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Resolution
Value

BX410	203 / 305
BX420	203 / 300
BX430	600
BX610	203 / 305
BX620	203 / 305

Reference

B-SA4T	203 / 300
B-SX6T	305
B-SX8T	305
B-850-R	300
B-SX4T	203
B-SX5T	305
B-450-R	300
B-462-R	300
B-EP2DL-G	203
B-EP4DL-G	203
B-EP4DL-T	300
B-FP2D	203
B-FP3D	203
B-EV4	203 / 300
B-FV4	203 / 300
B-EX4T	203 / 300 / 305 / 600
B-EX6T	203 / 305
B-EX4D	203
BA410T/BA420T	203 / 300
BV410D/BV420D	203 / 300

6.2 bcpDeviceEntry (1.3.6.1.4.1.1129.1.2.1.1.1.2)

The bcpDeviceEntry group manages the device information of the printer and supports the following objects.

- bcpDeviceModel (1)
- bcpDeviceMainVersion (2)
- bcpDeviceMainDate (3)
- bcpDeviceMainChecksum (4)
- bcpDeviceBootVersion (5)
- bcpDeviceBootDate (6)
- bcpDeviceBootChecksum (7)
- bcpDeviceCGVersion (8)
- bcpDeviceCGChecksum (9)
- bcpDeviceKanji1ROM (10)
- bcpDeviceKanji1Version (11)
- bcpDeviceKanji1Checksum (12)
- bcpDeviceKanji2ROM (13)
- bcpDeviceKanji2Version (14)
- bcpDeviceKanji2Checksum (15)
- bcpDeviceEEPROM (16)
- bcpDeviceSDRAM (17)
- bcpDeviceSLOT1 (18)
- bcpDeviceSLOT2 (19)
- bcpDeviceHeadTemp (20)
- bcpDeviceAirTemp (21)
- bcpDeviceRefSensor (22)
  - bcpDeviceRefSensor1 (1)
  - bcpDeviceRefSensor2 (2)
- bcpDeviceTransSensor (23)
- bcpDeviceRbnEndLevel (24)
- bcpDeviceHeadRank (25)
- bcpDeviceRefPELevel (26)
- bcpDeviceTransPELevel (27)
- bcpDeviceHTMLVersion (28)
- bcpDeviceHTMLDate (29)
- bcpDeviceHTMLChecksum (30)
- bcpDeviceBatteryVoltage (32)
- bcpDeviceBatteryLevel (33)
- bcpDeviceSBCSROMCrDate (34)
- bcpDeviceManualThresholdRef (35)
- bcpDeviceManualThresholdTrans (36)
- bcpDeviceLblFormVersion (37)
- bcpDeviceROMList (38)
  - bcpDevideROMIndex(1)
  - bcpDeviceROMName (2)
  - bcpDeviceROMVersion (3)
  - bcpDeviceROMDate (4)
  - bcpDeviceROMChecksum (5)

6.2.1 bcpDeviceModel (1.3.6.1.4.1.1129.1.2.1.1.1.2.1)

Data type String16
Read/Write read-only
Update timing Start-up
Description Model
Value

BX410	BX410T-T	BX410 Thermal Transfer 305 dpi
	BX410T-G	BX410 Thermal Transfer 203 dpi
BX420	BX420T-T	BX420 Thermal Transfer 300 dpi
	BX420T-G	BX420 Thermal Transfer 203 dpi
	BX420D-G	BX420 Direct Thermal 203 dpi
BX430	BX430T-H	BX430 Thermal Transfer 600 dpi
BX610	BX610T-T	BX610 Thermal Transfer 305 dpi
	BX610T-G	BX610 Thermal Transfer 203 dpi
BX620	BX620T-T	BX620 Thermal Transfer 305 dpi
	BX620T-G	BX620 Thermal Transfer 203 dpi

Remarks

Reference

B-SA4T	B-SA4T	
B-SX6T	B-SX6T	
B-SX8T	B-SX8T	
B-850-R	B-850-R	
B-SX4T	B-SX4T	
B-SX5T	B-SX5T	
B-450-R	B-450-R	
B-462-R	B-462-R	
B-EP2DL-G	B-EP2DL-G	
B-EP4DL-G	B-EP4DL-G	
B-EP4DL-T	B-EP4DL-T	
B-FP2D	B-FP2D	
B-FP3D	B-FP3D	
B-EV4	B-EV4	
B-FV4	B-FV4:	TT model and until V1.3A version.
	B-FV4T-G (203 dpi):	TT model and V1.4 or later
	B-FV4T-T (300 dpi):	TT model and V1.4 or later
	B-FV4D-G (203 dpi):	DT model
		DT Courier model
		DT Linerless model
	B-FV4D-T(300 dpi):	DT model
B-EX4T	B-EX4T1-G (203 dpi)	
	B-EX4T1-T (305 dpi)	
	B-EX4T2-G (203 dpi)	
	B-EX4T2-T (300 dpi)	
	B-EX4T2-H (600 dpi)	
	B-EX4T3-H (600 dpi)	
B-EX6T	B-EX6T1-G (203 dpi)	
	B-EX6T1-T (305 dpi)	
B-EX4D	B-EX4D2-G (203 dpi)	
BA410T	BA410T-G (203 dpi)	
	BA410T-T(300 dpi)	

BA420T	BA420T-G (203 dpi) BA420T-T (300 dpi)
BV410D/BV420D	BV410D-G, BV420D-G (203 dpi) BV410D-T, BV420D-T (300 dpi)

6.2.2 bcpDeviceMainVersion (1.3.6.1.4.1.1129.1.2.1.1.1.2.2)

Data type	String8
Read/Write	read-only
Update timing	Start-up
Description	Main program version of the software
Value	This differs depending on the version of each printer.
Remarks	The version of Linux System Application is returned.

6.2.3 bcpDeviceMainDate (1.3.6.1.4.1.1129.1.2.1.1.1.2.3)

Data type	String16
Read/Write	read-only
Update timing	Start-up
Description	Date of the main program version
Value	This differs depending on the version of each printer.
Remarks	The date of Linux System Application is returned.

6.2.4 bcpDeviceMainChecksum (1.3.6.1.4.1.1129.1.2.1.1.1.2.4)

Data type	String8
Read/Write	read-only
Update timing	Start-up
Description	Checksum of the main program
Value	This differs depending on the version of each printer. For the BX series, the value is fixed to “NULL”.
Remarks	The checksum of Linux System Application is returned.

6.2.5 bcpDeviceBootVersion (1.3.6.1.4.1.1129.1.2.1.1.1.2.5)

Data type	String8
Read/Write	read-only
Update timing	Start-up
Description	Boot program version of the software
Value	This differs depending on the version of each printer.
Remarks	The version of Linux SF is returned.

6.2.6 bcpDeviceBootDate (1.3.6.1.4.1.1129.1.2.1.1.1.2.6)

Data type	String16
Read/Write	read-only
Update timing	Start-up
Description	Date of the boot program version
Value	This differs depending on the version of each printer.
Remarks	The date of Linux SF is returned.

6.2.7 bcpDeviceBootChecksum (1.3.6.1.4.1.1129.1.2.1.1.1.2.7)

Data type	String8
Read/Write	read-only
Update timing	Start-up
Description	Checksum of the boot program
Value	This differs depending on the version of each printer. For the BX series, the value is fixed to “NULL”.
Remarks	The checksum of Linux SF is returned.

6.2.8 bcpDeviceCGVersion (1.3.6.1.4.1.1129.1.2.1.1.1.2.8)

Data type	String8
Read/Write	read-only
Update timing	Start-up
Description	Software character generator version

Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Reference

B-SA4T	The value is different depending on the version of each printer.
B-SX6T	The value is different depending on the version of each printer.
B-SX8T	The value is different depending on the version of each printer.
B-850-R	The value is different depending on the version of each printer.
B-SX4T	0
B-SX5T	0
B-450-R	The value is different depending on the version of each printer.
B-462-R	The value is different depending on the version of each printer.
B-EP2DL-G	The value is different depending on the version of each printer.
B-EP4DL-G	The value is different depending on the version of each printer.
B-EP4DL-T	The value is different depending on the version of each printer.
B-FP2D	The value is different depending on the version of each printer.
B-FP3D	The value is different depending on the version of each printer.
B-EV4	The value is different depending on the version of each printer.
B-FV4	The value is different depending on the version of each printer.
B-EX4T	The value is different depending on the version of each printer.
B-EX6T	The value is different depending on the version of each printer.
B-EX4D	The value is different depending on the version of each printer.
BA410T/BA420T	The value is different depending on the version of each printer.
BV410D/BV420D	The value is different depending on the version of each printer.

6.2.9 bcpDeviceCGChecksum (1.3.6.1.4.1.1129.1.2.1.1.1.2.9)

Data type String8
Read/Write read-only
Update timing Start-up
Description Checksum of the character generator
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Reference

B-SA4T	The value is different depending on the version of each printer.
B-SX6T	The value is different depending on the version of each printer.
B-SX8T	The value is different depending on the version of each printer.
B-850-R	The value is different depending on the version of each printer.
B-SX4T	0
B-SX5T	0
B-450-R	The value is different depending on the version of each printer.
B-462-R	The value is different depending on the version of each printer.
B-EP2DL-G	The value is different depending on the version of each printer.
B-EP4DL-G	The value is different depending on the version of each printer.
B-EP4DL-T	The value is different depending on the version of each printer.
B-FP2D	The value is different depending on the version of each printer.
B-FP3D	The value is different depending on the version of each printer.
B-EV4	The value is different depending on the version of each printer.
B-FV4	NULL
B-EX4T	The value is different depending on the version of each printer.
B-EX6T	The value is different depending on the version of each printer.
B-EX4D	The value is different depending on the version of each printer.
BA410T/BA420T	The value is different depending on the version of each printer.
BV410D/BV420D	The value is different depending on the version of each printer.

Remarks In case of the B-FP series, the object name is “bcpDeviceSBCSROMChecksum”.

6.2.10 bcpDeviceKanji1ROM (1.3.6.1.4.1.1129.1.2.1.1.1.2.10)

Data type String16
Read/Write read-only
Update timing Start-up
Description Font name of Kanji 1 ROM
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Reference

B-SA4T	The value is different depending on the version of each printer.
B-SX6T	The value is different depending on the version of each printer.
B-SX8T	The value is different depending on the version of each printer.
B-850-R	The value is different depending on the version of each printer.
B-SX4T	0
B-SX5T	0
B-450-R	The value is different depending on the version of each printer.
B-462-R	The value is different depending on the version of each printer.
B-EP2DL-G	The value is different depending on the version of each printer.
B-EP4DL-G	The value is different depending on the version of each printer.
B-EP4DL-T	The value is different depending on the version of each printer.
B-FP2D	The value is different depending on the version of each printer.
B-FP3D	The value is different depending on the version of each printer.
B-EV4	The value is different depending on the version of each printer.
B-FV4	The value is different depending on the version of each printer.
B-EX4T	The value is different depending on the version of each printer.
B-EX6T	The value is different depending on the version of each printer.
B-EX4D	The value is different depending on the version of each printer.
BA410T/BA420T	N/A
BV410D/BV420D	N/A

6.2.11 bcpDeviceKanji1Version (1.3.6.1.4.1.1129.1.2.1.1.1.2.11)

Data type String8
Read/Write read-only
Update timing Start-up
Description Version of Kanji 1 ROM
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Reference

B-SA4T	The value is different depending on the version of each printer.
B-SX6T	The value is different depending on the version of each printer.
B-SX8T	The value is different depending on the version of each printer.
B-850-R	The value is different depending on the version of each printer.
B-SX4T	0
B-SX5T	0
B-450-R	The value is different depending on the version of each printer.
B-462-R	The value is different depending on the version of each printer.
B-EP2DL-G	The value is different depending on the version of each printer.
B-EP4DL-G	The value is different depending on the version of each printer.
B-EP4DL-T	The value is different depending on the version of each printer.
B-FP2D	The value is different depending on the version of each printer.
B-FP3D	The value is different depending on the version of each printer.
B-EV4	The value is different depending on the version of each printer.
B-FV4	The value is different depending on the version of each printer.
B-EX4T	The value is different depending on the version of each printer.
B-EX6T	The value is different depending on the version of each printer.
B-EX4D	The value is different depending on the version of each printer.
BA410T/BA420T	N/A
BV410D/BV420D	N/A

6.2.12 bcpDeviceKanji1Checksum (1.3.6.1.4.1.1129.1.2.1.1.1.2.12)

Data type String8
Read/Write read-only
Update timing Start-up
Description Checksum of Kanji 1 ROM
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Reference

B-SA4T	The value is different depending on the version of each printer.
B-SX6T	The value is different depending on the version of each printer.
B-SX8T	The value is different depending on the version of each printer.
B-850-R	The value is different depending on the version of each printer.
B-SX4T	0
B-SX5T	0
B-450-R	The value is different depending on the version of each printer.
B-462-R	The value is different depending on the version of each printer.
B-EP2DL-G	The value is different depending on the version of each printer.
B-EP4DL-G	The value is different depending on the version of each printer.
B-EP4DL-T	The value is different depending on the version of each printer.
B-FP2D	The value is different depending on the version of each printer.
B-FP3D	The value is different depending on the version of each printer.
B-EV4	The value is different depending on the version of each printer.
B-FV4	NULL
B-EX4T	The value is different depending on the version of each printer.
B-EX6T	The value is different depending on the version of each printer.
B-EX4D	The value is different depending on the version of each printer.
BA410T/BA420T	N/A
BV410D/BV420D	N/A

6.2.13 bcpDeviceKanji2ROM (1.3.6.1.4.1.1129.1.2.1.1.1.2.13)

Data type String16
Read/Write read-only
Update timing Start-up
Description Font name of Kanji 2 ROM
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Reference

B-SA4T	The value is different depending on the version of each printer.
B-SX6T	The value is different depending on the version of each printer.
B-SX8T	The value is different depending on the version of each printer.
B-850-R	The value is different depending on the version of each printer.
B-SX4T	0
B-SX5T	0
B-450-R	The value is different depending on the version of each printer.
B-462-R	The value is different depending on the version of each printer.
B-EP2DL-G	The value is different depending on the version of each printer.
B-EP4DL-G	The value is different depending on the version of each printer.
B-EP4DL-T	The value is different depending on the version of each printer.
B-FP2D	The value is different depending on the version of each printer.
B-FP3D	The value is different depending on the version of each printer.
B-EV4	NULL
B-FV4	NULL
B-EX4T	The value is different depending on the version of each printer.
B-EX6T	The value is different depending on the version of each printer.
B-EX4D	The value is different depending on the version of each printer.
BA410T/BA420T	N/A
BV410D/BV420D	N/A

6.2.14 bcpDeviceKanji2Version (1.3.6.1.4.1.1129.1.2.1.1.1.2.14)

Data type String8
Read/Write read-only
Update timing Start-up
Description Version of Kanji 2 ROM
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Reference

B-SA4T	The value is different depending on the version of each printer.
B-SX6T	The value is different depending on the version of each printer.
B-SX8T	The value is different depending on the version of each printer.
B-850-R	The value is different depending on the version of each printer.
B-SX4T	0
B-SX5T	0
B-450-R	The value is different depending on the version of each printer.
B-462-R	The value is different depending on the version of each printer.
B-EP2DL-G	The value is different depending on the version of each printer.
B-EP4DL-G	The value is different depending on the version of each printer.
B-EP4DL-T	The value is different depending on the version of each printer.
B-FP2D	The value is different depending on the version of each printer.
B-FP3D	The value is different depending on the version of each printer.
B-EV4	NULL
B-FV4	NULL
B-EX4T	The value is different depending on the version of each printer.
B-EX6T	The value is different depending on the version of each printer.
B-EX4D	The value is different depending on the version of each printer.
BA410T/BA420T	N/A
BV410D/BV420D	N/A

Remarks For the B-EX series, the value will be indefinite unless Kanji 2 ROM is installed.

6.2.15 bcpDeviceKanji2Checksum (1.3.6.1.4.1.1129.1.2.1.1.1.2.15)

Data type String8
Read/Write read-only
Update timing Start-up
Description Checksum of Kanji 2 ROM
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Reference

B-SA4T	The value is different depending on the version of each printer.
B-SX6T	The value is different depending on the version of each printer.
B-SX8T	The value is different depending on the version of each printer.
B-850-R	The value is different depending on the version of each printer.
B-SX4T	0
B-SX5T	0
B-450-R	The value is different depending on the version of each printer.
B-462-R	The value is different depending on the version of each printer.
B-EP2DL-G	The value is different depending on the version of each printer.
B-EP4DL-G	The value is different depending on the version of each printer.
B-EP4DL-T	The value is different depending on the version of each printer.
B-FP2D	The value is different depending on the version of each printer.
B-FP3D	The value is different depending on the version of each printer.
B-EV4	NULL
B-FV4	NULL
B-EX4T	The value is different depending on the version of each printer.
B-EX6T	The value is different depending on the version of each printer.
B-EX4D	The value is different depending on the version of each printer.
BA410T/BA420T	N/A
BV410D/BV420D	N/A

6.2.16 bcpDeviceEEPROM (1.3.6.1.4.1.1129.1.2.1.1.1.2.16)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Status of the EEPROM
Value

0	NG
1	OK

6.2.17 bcpDeviceSDRAM (1.3.6.1.4.1.1129.1.2.1.1.1.2.17)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description SDRAM size
Value

BX410/BX420/BX430	800
BX610/BX620	800

Reference

B-SA4T	16
B-SX6T	16
B-SX8T	16
B-850-R	16
B-SX4T	16
B-SX5T	16 (Version 4.9 or before), 32 (Version 5.0 or later)
B-450-R	16
B-462-R	16
B-EP2DL-G	16
B-EP4DL-G	16
B-EP4DL-T	16
B-FP2D	32
B-FP3D	32 (GH model), 16 (GS model)
B-EV4	8
B-FV4	32
B-EX4T	B-EX4T1-QM/CN: 32 (C3.* or before), 64 (V4.0 or later) B-EX4T2/T3: 32
B-EX6T	32
B-EX4D	32
BA410T/BA420T	128
BV410D/BV420D	128

6.2.18 bcpDeviceSLOT1 (1.3.6.1.4.1.1129.1.2.1.1.1.2.18)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Status of the USB slot
Value Installation of the wireless LAN module is not detected.

BX410/BX420/BX430	0 or 1 (depending on the status of the USB slot)
BX610/BX620	0 or 1 (depending on the status of the USB slot)

0	None
1	USB memory
2	Wireless LAN card

Reference

B-SA4T	0
B-SX6T	0
B-SX8T	0
B-850-R	0
B-SX4T	Depending on the status of the slot
B-SX5T	Depending on the status of the slot
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	0
B-FV4	0
B-EX4T	0, 1
B-EX6T	0, 1
B-EX4D	0, 1
BA410T/BA420T	0, 1
BV410D/BV420D	0, 1

6.2.19 bcpDeviceSLOT2 (1.3.6.1.4.1.1129.1.2.1.1.1.2.19)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description
Value

BX410/BX420/BX430	0 or 1 (depending on the status of the USB slot)
BX610/BX620	0 or 1 (depending on the status of the USB slot)

0	None
1	ATA card
2	Wireless LAN card

Reference

B-SA4T	0
B-SX6T	0
B-SX8T	0
B-850-R	0
B-SX4T	0
B-SX5T	Depending on the status of the slot
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	0
B-FV4	0
B-EX4T	0, 2
B-EX6T	0, 2
B-EX4D	0, 2
BA410T/BA420T	0
BV410D/BV420D	0

6.2.20 bcpDeviceHeadTemp (1.3.6.1.4.1.1129.1.2.1.1.1.2.20)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Print head temperature
Value 0 to 99 (°C)

6.2.21 bcpDeviceAirTemp (1.3.6.1.4.1.1129.1.2.1.1.1.2.21)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Ambient temperature
Value 0 to 99 (°C)

6.2.22 bcpDeviceRefSensor1 (1.3.6.1.4.1.1129.1.2.1.1.1.2.22.1)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Input value of the reflective sensor
Value 0 to 50 (0.1V)

* In case of BX400 and BX600:
The printer returns “0V” when the sensor value is read while the printer is in the power save mode. To check if the sensor is broken, read the sensor value after printing.

6.2.23 bcpDeviceRefSensor2 (1.3.6.1.4.1.1129.1.2.1.1.1.2.22.2)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Input value of the reflective sensor 2
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Reference

B-SA4T	0
B-SX6T	0
B-SX8T	0
B-850-R	0 to 50 (0.1V)
B-SX4T	0
B-SX5T	0
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	0
B-FV4	0
B-EX4T	0
B-EX6T	0
B-EX4D	0
BA410T/BA420T	0
BV410D/BV420D	0

6.2.24 bcpDeviceTransSensor (1.3.6.1.4.1.1129.1.2.1.1.1.2.23)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Input value of the Transmissive sensor
Value 0 to 50 (0.1V)

* In case of BX400 and BX600:
The printer returns “0V” when the sensor value is read while the printer is in the power save mode. To check if the sensor is broken, read the sensor value after printing.

6.2.25 bcpDeviceRbnEndLevel (1.3.6.1.4.1.1129.1.2.1.1.1.2.24)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Input value of the ribbon end sensor
Value

BX410/BX420/BX430	0 to 50 (0.1 V)
BX610/BX620	0 to 50 (0.1 V)

Reference

B-SA4T	0
B-SX6T	0 to 50 (0.1V)
B-SX8T	0 to 50 (0.1V)
B-850-R	0
B-SX4T	0 to 50 (0.1V)
B-SX5T	0 to 50 (0.1V)
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	0
B-FV4	0
B-EX4T	0 to 50 (0.1V)
B-EX6T	0 to 50 (0.1V)
B-EX4D	0 to 50 (0.1V)
BA410T/BA420T	0
BV410D/BV420D	0

* In case of BX400 and BX600:
The printer returns “0V” when the sensor value is read while the printer is in the power save mode. To check if the sensor is broken, read the sensor value after printing.

6.2.26 bcpDeviceHeadRank (1.3.6.1.4.1.1129.1.2.1.1.1.2.25)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Print head resistance rank
Value

BX410/BX420/BX430	0 to 7
BX610/BX620	0 to 7

Remarks The print head resistance rank is determined when the power is turned on.

Reference

B-SA4T	0 to 1
B-SX6T	0 to 15
B-SX8T	0 to 15
B-850-R	0
B-SX4T	0 to 15
B-SX5T	0 to 15
B-450-R	0 to 15
B-462-R	0 to 15
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	0
B-FV4	0
B-EX4T	0 to 7
B-EX6T	0 to 7
B-EX4D	0 to 7
BA410T/BA420T	0 to 1
BV410D/BV420D	0

6.2.27 bcpDeviceRefPELevel (1.3.6.1.4.1.1129.1.2.1.1.1.2.26)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Setting value for the media end sensor (reflective sensor)
Value 0 to 50 (0.1V)

6.2.28 bcpDeviceTransPELevel (1.3.6.1.4.1.1129.1.2.1.1.1.2.27)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Setting value for the media end sensor (transmissive sensor)
Value 0 to 50 (0.1V)

6.2.29 bcpDeviceHTMLVersion (1.3.6.1.4.1.1129.1.2.1.1.1.2.28)

Data type	String16
Read/Write	read-only
Update timing	Start-up
Description	HTML program version of the software
Value	The value is different depending on the version of each printer.
Remarks	BX400/600: Not supported

6.2.30 bcpDeviceHTMLDate (1.3.6.1.4.1.1129.1.2.1.1.1.2.29)

Data type	String16
Read/Write	read-only
Update timing	Start-up
Description	Creation date of the HTML program
Value	The value is different depending on the version of each printer.
Remarks	BX400/600: Not supported

6.2.31 bcpDeviceHTMLChecksum (1.3.6.1.4.1.1129.1.2.1.1.1.2.30)

Data type	String8
Read/Write	read-only
Update timing	Start-up
Description	Checksum of the HTML program
Value	The value is different depending on the version of each printer.
Remarks	BX400/600: Not supported B-EX6T: Supported

6.2.32 bcpDeviceKanji3ROM (1.3.6.1.4.1.1129.1.2.1.1.1.2.31)

Data type	String16
Read/Write	read-only
Update timing	Start-up
Description	Font name of Kanji 3 ROM
Value	The value is different depending on the version of each printer.
Remarks	BX400/600: Not supported

6.2.33 bcpDeviceKanji3Version (1.3.6.1.4.1.1129.1.2.1.1.1.2.32)

Data type	String8
Read/Write	read-only
Update timing	Start-up
Description	Version of Kanji 3 ROM
Value	The value is different depending on the version of each printer.
Remarks	BX400/600: Not supported

6.2.34 bcpDeviceKanji3Checksum (1.3.6.1.4.1.1129.1.2.1.1.1.2.33)

Data type	String8
Read/Write	read-only
Update timing	Start-up
Description	Checksum of Kanji 3 ROM
Value	The value is different depending on the version of each printer.
Remarks	BX400/600: Not supported

6.2.35 bcpDeviceBatteryVoltage (1.3.6.1.4.1.1129.1.2.1.1.1.2.32)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Battery Voltage
Value	73 to 84 (0.1V).
Remarks	BX400/600: Not supported

6.2.36 bcpDeviceBatteryLevel (1.3.6.1.4.1.1129.1.2.1.1.1.2.33)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Battery Voltage Level
Value	1 to 5
Remarks	BX400/600: Not supported

6.2.37 bcpDeviceSBCSROMCrDate (1.3.6.1.4.1.1129.1.2.1.1.1.2.34)

Data type	String16
Read/Write	read-only
Update timing	Start-up
Description	Date of the SBCG program version
Value	The value is different depending on the version of each printer.
Remarks	BX400/600: Not supported

6.2.38 bcpDeviceManualThresholdRef (1.3.6.1.4.1.1129.1.2.1.1.1.2.35)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Voltage of Reflective Sensor Threshold
Value	0 to 50 (0.1V)
Remarks	BX400/600: Not supported

6.2.39 bcpDeviceManualThresholdTrans (1.3.6.1.4.1.1129.1.2.1.1.1.2.36)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Voltage of Transmissive Sensor Threshold
Value	0 to 50 (0.1V)
Remarks	BX400/600: Not supported

6.2.40 bcpDeviceLblFormVersion (1.3.6.1.4.1.1129.1.2.1.1.1.2.37)

Data type	String20
Read/Write	read-only
Update timing	Start-up
Description	FORM version for LABEL Mode
Value	“0” to “9” by 20 characters
Remarks	BX400/600: Not supported

6.2.41 bcpDeviceROMList (1.3.6.1.4.1.1129.1.2.1.1.1.2.38)

The bcpDeviceDeviceROMList group manages the ROM information of the printer and supports the following object.

- bcpDeviceROMIndex (1)
- bcpDeviceROMName (2)
- bcpDeviceROMVersion (3)
- bcpDeviceROMCrDate (4)
- bcpDeviceROMChecksum (5)

BX400/BX600: Not supported

Each Object have several elements. These are defined as the information list of the installed ROM.

Model	Index	Kinds of ROM	Index	Kinds of ROM
B-FP2D	1	MAIN	2	BOOT
	3	SBCS1	4	SBCS2
	5	SBCS3	6	DBCS1
	7	DBCS2	8	DBCS3
	9	CONST	10	WLAN F/W
	11	SBCS4	12	SBCS5
	13	DBCS4		
B-FP3D	1	MAIN	2	BOOT
	3	SBCS1	4	SBCS2
	5	SBCS3	6	DBCS1
	7	DBCS2	8	DBCS3
	9	CONST	10	WLAN F/W
	11	SBCS4		

6.2.42 bcpDeviceROMIndex (1.3.6.1.4.1.1129.1.2.1.1.1.2.38.1)

Data type	Integer32
Read/Write	not-accessible
Update timing	Start-up
Description	Index of ROM Information
Value	1 to 9
Remarks	BX400/600: Not supported

6.2.43 bcpDeviceROMName (1.3.6.1.4.1.1129.1.2.1.1.1.2.38.2.X)

Data type	Integer16
Read/Write	read-only
Update timing	Start-up
Description	ROM name
Value	Depending on the ”X” in OID
Remarks	BX400/600: Not supported

6.2.44 bcpDeviceROMVersion (1.3.6.1.4.1.1129.1.2.1.1.1.2.38.3.X)

Data type	String8
Read/Write	read-only
Update timing	Start-up
Description	ROM version
Value	Depending on the ”X” in OID
Remarks	BX400/600: Not supported

6.2.45 bcpDeviceROMCrDate (1.3.6.1.4.1.1129.1.2.1.1.1.2.38.4.X)

Data type	String16
Read/Write	read-only
Update timing	Start-up
Description	ROM creation date
Value	Depending on the ”X” in OID.
Remarks	BX400/600: Not supported

6.2.46 bcpDeviceROMVersion (1.3.6.1.4.1.1129.1.2.1.1.1.2.38.5.X)

Data type	String8
Read/Write	read-only
Update timing	Start-up
Description	ROM checksum
Value	Depending on the ”X” in OID.
Remarks	BX400/600: Not supported

6.3 bcpOptionEntry (1.3.6.1.4.1.1129.1.2.1.1.1.3)

The bcpOptionEntry group manages the printer information and supports the following objects.

- bcpOptionEXPIO (1)
- bcpOptionEX232C (2)
- bcpOptionRFID (3)
- bcpOptionCutter (4)
- bcpOptionPeeloff (5)
- bcpOptionInternalRewinder (6)
- bcpOptionKeyboard (7)

6.3.1 bcpOptionEXPIO (1.3.6.1.4.1.1129.1.2.1.1.1.3.1)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Expansion I/O
Value

BX410/BX420/BX430	Depending on the installation status of the Expansion I/O board.
BX610/BX620	Depending on the installation status of the Expansion I/O board.

0	Not installed
1	Installed

Reference

B-SA4T	Depending on the installation status of the Expansion I/O board.
B-SX6T	Depending on the installation status of the Expansion I/O board.
B-SX8T	Depending on the installation status of the Expansion I/O board.
B-850-R	Depending on the installation status of the Expansion I/O board.
B-SX4T	Depending on the installation status of the Expansion I/O board.
B-SX5T	Depending on the installation status of the Expansion I/O board.
B-450-R	Depending on the installation status of the Expansion I/O board.
B-462-R	Depending on the installation status of the Expansion I/O board.
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	0
B-FV4	N/A
B-EX4T	Depending on the installation status of the Expansion I/O board.
B-EX6T	Depending on the installation status of the Expansion I/O board.
B-EX4D	Depending on the installation status of the Expansion I/O board.
BA410T/BA420T	Depending on the installation status of the Expansion I/O board.
BV410D/BV420D	0

6.3.2 bcpOptionEX232C (1.3.6.1.4.1.1129.1.2.1.1.1.3.2)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Ex232C
Value

BX410/BX420/BX430	Depending on the installation status of the serial interface board.
BX610/BX620	Depending on the installation status of the serial interface board.

0	Not installed
1	Installed

Reference

B-SA4T	Depending on the installation status of the serial interface board.
B-SX6T	Depending on the installation status of the serial interface board.
B-SX8T	Depending on the installation status of the serial interface board.
B-850-R	Depending on the installation status of the serial interface board.
B-SX4T	1
B-SX5T	1
B-450-R	Depending on the installation status of the serial interface board.
B-462-R	Depending on the installation status of the serial interface board.
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	0
B-FV4	0
B-EX4T	Depending on the installation status of the serial interface board.
B-EX6T	Depending on the installation status of the serial interface board.
B-EX4D	Depending on the installation status of the serial interface board.
BA410T/BA420T	Depending on the installation status of the serial interface board.
BV410D/BV420D	Depending on the installation status of the serial interface board.

6.3.3 bcpOptionRFID (1.3.6.1.4.1.1129.1.2.1.1.1.3.3)

Data type String16
Read/Write read-only
Update timing Start-up
Description Version
Value

NG	Not installed
Character string of the version	Installed Version of the installed RFID module

Remark

6.3.4 bcpOptionCutter (1.3.6.1.4.1.1129.1.2.1.1.1.3.4)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Cutter
Value

0	Not installed
1	Installed

Remark

6.3.5 bcpOptionPeeloff (1.3.6.1.4.1.1129.1.2.1.1.1.3.5)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Peel-off module
Value

BX410/BX420/BX430	Depending on the installation status of the peel-off module.
BX610/BX620	Depending on the installation status of the peel-off module.

0	Not installed
1	Installed

Reference

B-SA4T	Depending on the installation status of the peel-off module.
B-SX6T	Depending on the installation status of the peel-off module.
B-SX8T	Depending on the installation status of the peel-off module.
B-850-R	0
B-SX4T	Depending on the installation status of the peel-off module.
B-SX5T	Depending on the installation status of the peel-off module.
B-450-R	Depending on the installation status of the peel-off module.
B-462-R	Depending on the installation status of the peel-off module.
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	0
B-FV4	Depending on the installation status of the peel-off module.
B-EX4T	Depending on the installation status of the peel-off module.
B-EX6T	Depending on the installation status of the peel-off module.
B-EX6T	Depending on the installation status of the peel-off module.
BA410T/BA420T	Depending on the installation status of the peel-off module.
BV410D/BV420D	Depending on the installation status of the peel-off module.

6.3.6 bcpOptionInternalRewinder (1.3.6.1.4.1.1129.1.2.1.1.1.3.6)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Built-in rewinder
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

0	Not installed
1	Installed

Reference

B-SA4T	0, 1
B-SX6T	0
B-SX8T	0
B-850-R	0
B-SX4T	0, 1
B-SX5T	0, 1
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	0
B-FV4	0
B-EX4T	0, 1
B-EX6T	0, 1
B-EX4D	0, 1
BA410T/BA420T	0, 1
BV410D/BV420D	0

Remarks The installation status of the built-in rewinder is determined by the setting value for the HU CUT/RWD parameter in the system mode.

6.3.7 bcpOptionKeyboard (1.3.6.1.4.1.1129.1.2.1.1.1.3.7)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Keyboard
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

0	Not installed
1	Installed

Reference

B-SA4T	Depending on the installation status of the keyboard.
B-SX6T	0
B-SX8T	0
B-850-R	0
B-SX4T	0
B-SX5T	0
B-450-R	Depending on the installation status of the keyboard.
B-462-R	Depending on the installation status of the keyboard.
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	0
B-FV4	0
B-EX4T	0
B-EX6T	0
B-EX4D	0
BA410T/BA420T	Depending on the installation status of the keyboard.
BV410D/BV420D	0

6.4 bcpManageEntry (1.3.6.1.4.1.1129.1.2.1.1.1.4)

The bcpManageEntry group manages the administrator information of the printer and supports the following objects.

- bcpManageNumber (1)
- bcpManageAdministrator (2)
- bcpManageComment (3)

6.4.1 bcpManageNumber (1.3.6.1.4.1.1129.1.2.1.1.1.4.1)

Data type	String16
Read/Write	read-write
Update timing	Start-up
Description	Serial number
Value	Depends on the printer
Remarks	

6.4.2 bcpManageAdministrator (1.3.6.1.4.1.1129.1.2.1.1.1.4.2)

Data type	String64
Read/Write	read-write
Update timing	Start-up
Description	Administrator’s name
Value	Depends on the printer
Remarks	

6.4.3 bcpManageComment (1.3.6.1.4.1.1129.1.2.1.1.1.4.3)

Data type	String255
Read/Write	read-write
Update timing	Start-up
Description	Comment
Value	NULL (fixed)
Remarks	

6.5 bcpRequestEntry (1.3.6.1.4.1.1129.1.2.1.1.1.5)

The bcpRequestEntry group manages requests from the manager to the printer and supports the following objects.

- bcpRequestReset (1)
- bcpRequestKey (2)
- bcpRequestControl (3)

6.5.1 bcpRequestReset (1.3.6.1.4.1.1129.1.2.1.1.1.5.1)

Data type Interger32
Read/Write read-write
Update timing As needed
Description The same value as the reset request is returned.
Value

0	No request
1	Boot reset
2	OS reset (Not supported)
3	Network reset (Not supported)
4	Enabling parameter settings (Not supported)

Remarks When the MIB information is updated by the SNMP manager, bcpRequestReset is set to 3.

6.5.2 bcpRequestKey (1.3.6.1.4.1.1129.1.2.1.1.1.5.2)

Data type Interger32

Read/Write read-write

Update timing As needed

Description The same value as the key operation request is returned.

Value

BX410/BX420/BX430	Same as “Description”
BX610/BX620	Same as “Description”

0	No request
1	FEED
2	RESTART
3	PAUSE

Reference

B-SA4T	Same as “Description”
B-SX6T	Same as “Description”
B-SX8T	Same as “Description”
B-850-R	Same as “Description”
B-SX4T	Same as “Description”
B-SX5T	Same as “Description”
B-450-R	Same as “Description”
B-462-R	Same as “Description”
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	0: No request, 1: FEED, 3: PAUSE, 4: POWER
B-FP3D	0: No request, 1: FEED, 3: PAUSE, 4: POWER
B-EV4	1
B-FV4	1
B-EX4T	Same as “Description”
B-EX6T	Same as “Description”
B-EX4D	Same as “Description”
BA410T/BA420T	Same as “Description”
BV410D/BV420D	Same as “Description”

6.5.3 bcpRequestControl (1.3.6.1.4.1.1129.1.2.1.1.1.5.3)

Data type Interger32
Read/Write read-write
Update timing As needed
Description The same value as the control request is returned.
Value

0	No request
1	Print head broken element check (No error is caused.)
2	Self diagnostic print (Not supported)
3	Parameter settings print (Not supported)
4	Print tone confirmation print (Not supported)
5	Position confirmation print (Not supported)
6	1-dot slant line printing (Not supported)
7	3-dot slant line printing (Not supported)
8	Character printing (Not supported)
9	Barcode printing (Not supported)

6.5.4 prtAlertLocation (1.3.6.1.2.1.43.18.1.1.6)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Location of this alert within the sub-unit
Value Refer to “MIB related to the printer status”.
Remarks

6.5.5 prtAlertCode (1.3.6.1.2.1.43.18.1.1.7)

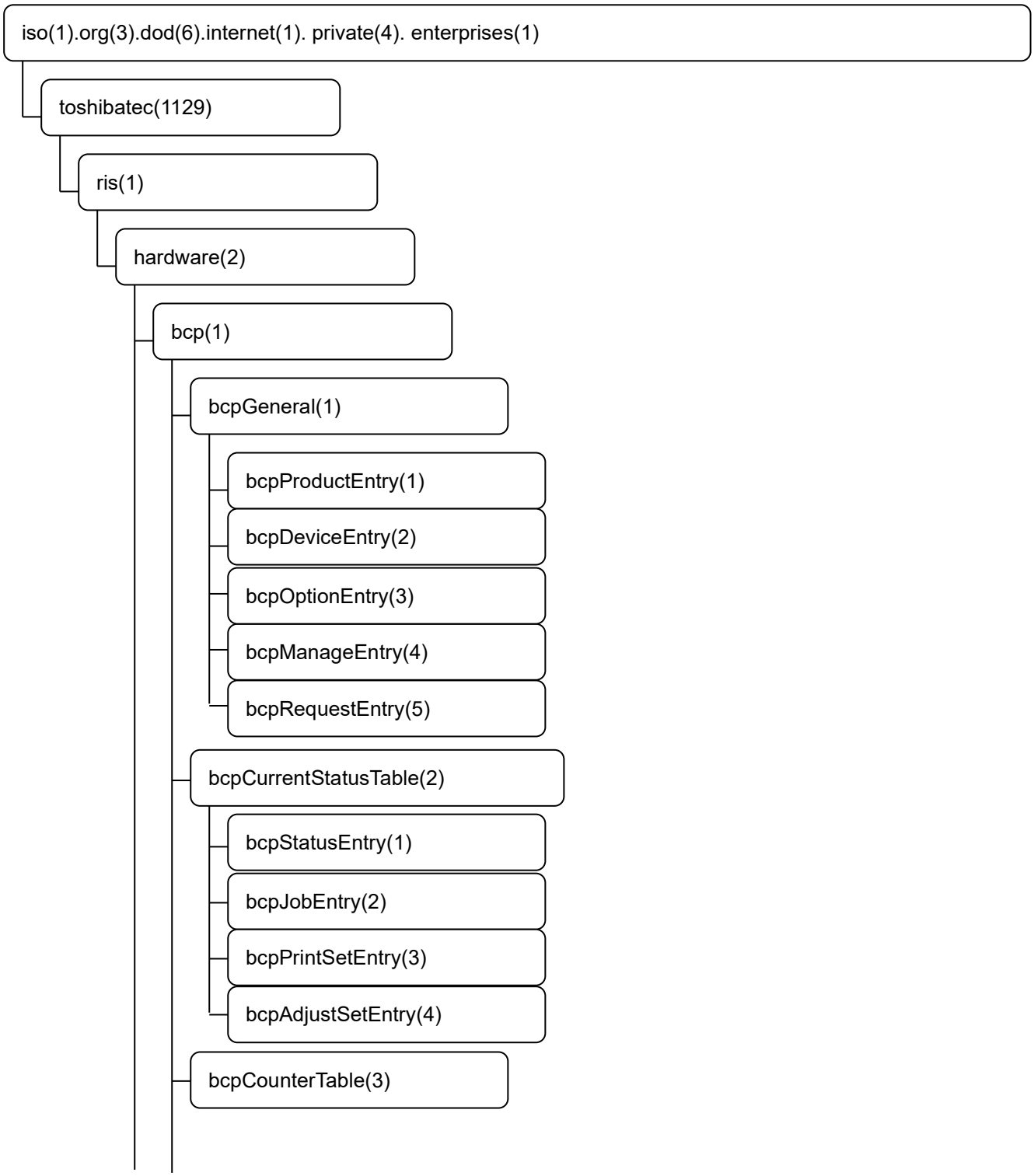
Data type Integer32
Read/Write read-only
Update timing As needed
Description Alert code
Value Refer to “MIB related to the printer status”.
Remarks

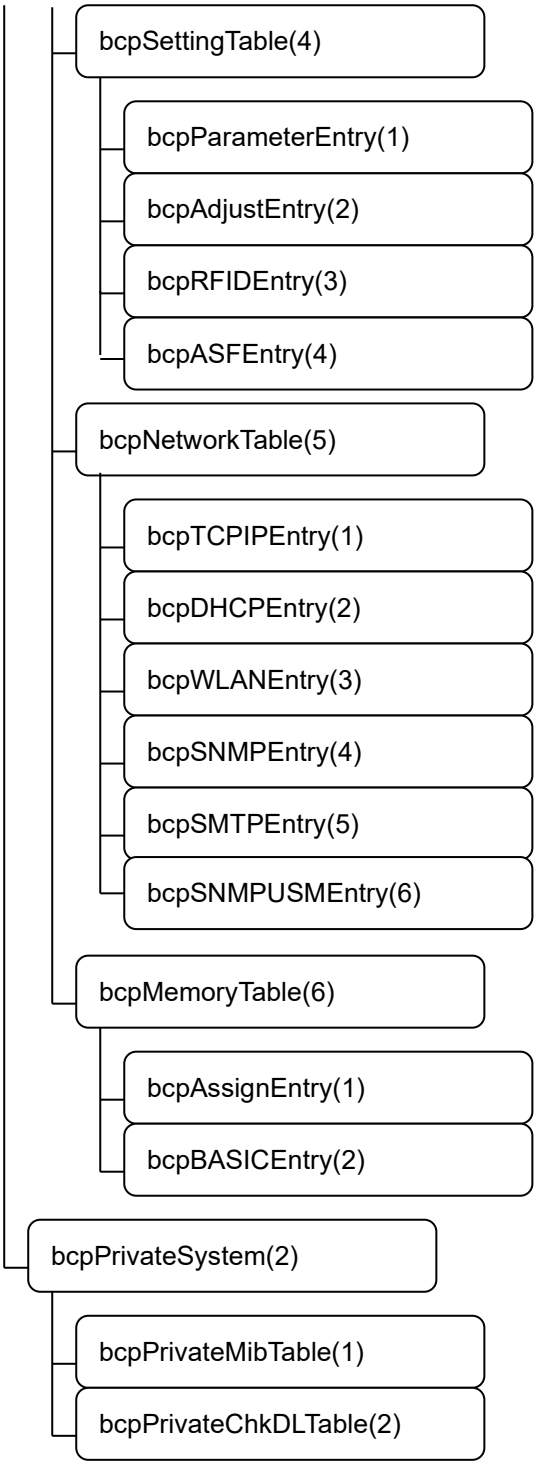
6.5.6 prtAlertDescription (1.3.6.1.2.1.43.18.1.1.8)

Data type String255
Read/Write read-only
Update timing As needed
Description Alert message
Value Refer to “MIB related to the printer status”.
Remarks

7 Enterprise MIB Tree unique to Toshiba Tec

Enterprise MIB Tree unique to Toshiba Tec has the following groups:




bcpSettingTable(4)
bcpParameterEntry(1)
bcpAdjustEntry(2)
bcpRFIDEntry(3)
bcpASFEntry(4)
bcpNetworkTable(5)
bcpTCPIPEntry(1)
bcpDHCPEntry(2)
bcpWLANEntry(3)
bcpSNMPEntry(4)
bcpSMTPEntry(5)
bcpSNMPUSMEntry(6)
bcpMemoryTable(6)
bcpAssignEntry(1)
bcpBASICEntry(2)
bcpPrivateSystem(2)
bcpPrivateMibTable(1)
bcpPrivateChkDLTable(2)

8 bcpGeneral (1.3.6.1.4.1.1129.1.2.1.1)

The bcpGeneral group manages the printer information and supports the following objects.

- bcpGeneralTable (1)
- bcpCurrentStatusTable (2)
- bcpCounterTable (3)
- bcpSettingTable (4)
- bcpNetworkTable (5)
- bcpMemoryTable (6)

9 Private MIB bcpCurrentStatusTable (1.3.6.1.4.1.1129.1.2.1.1.2)

The bcpCurrentStatusTable group manages the printer status and supports the following objects.

- bcpStatusEntry (1)
- bcpJobEntry (2)
- bcpPrintSetEntry (3)
- bcpAdjustSetEntry (4)

9.1 bcpStatusEntry (1.3.6.1.4.1.1129.1.2.1.1.2.1)

The bcpStatusEntry group manages the printer status and supports the following objects.

- bcpStatusID (1)
- bcpStatusDisplay (2)
- bcpHeadStatus (3)

9.1.1 bcpStatusID (1.3.6.1.4.1.1129.1.2.1.1.2.1.1)

Data type	Interger32
Read/Write	read-only
Update timing	As needed
Description	Printer status ID
Value	Refer to “MIB related to the printer status”. The status to be sent is the same as that for the current models.

9.1.2 bcpStatusDisplay (1.3.6.1.4.1.1129.1.2.1.1.2.1.2)

Data type	String16
Read/Write	read-only
Update timing	As needed
Description	Printer status message to be displayed Message displayed on the 2nd line of the display
Value	Refer to “MIB related to the printer status”.
Remarks	

9.1.3 bcpHeadStatus (1.3.6.1.4.1.1129.1.2.1.1.2.1.3)

Data type Integer32

Read/Write read-only

Update timing As needed

Description Result of print head broken element check

Value

BX410/BX420/BX430	-1, 0, 1
BX610/BX620	-1, 0, 1

0	OK
1	NG
-1	Checking

Reference

B-SA4T	0 to 1
B-SX6T	0 to 1
B-SX8T	0 to 1
B-850-R	0 to 1
B-SX4T	0 to 1
B-SX5T	0 to 1
B-450-R	0 to 1
B-462-R	0 to 1
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	-1 to 1
B-FP3D	-1 to 1
B-EV4	N/A
B-FV4	N/A
B-EX4T	-1 to 1
B-EX6T	N/A
B-EX4D	-1 to 1
BA410T/BA420T	-1 to 1
BV410D/BV420D	-1 to 1

Remarks

9.2 bcpJobEntry (1.3.6.1.4.1.1129.1.2.1.1.2.2)

The bcpJobEntry group manages the printer job information and supports the following objects.

- bcpJobID (1)
- bcpJobName (2)
- bcpJobDate (3)
- bcpJobSender (4)
- bcpJobPrinted (5)

9.2.1 bcpJobID (1.3.6.1.4.1.1129.1.2.1.1.2.2.1)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Print job number
Value	Depends on the JOB management command value sent from the host.
Remarks	

9.2.2 bcpJobName (1.3.6.1.4.1.1129.1.2.1.1.2.2.2)

Data type	String32
Read/Write	read-only
Update timing	As needed
Description	Print job name
Value	Depends on the JOB management command value sent from the host.
Remarks	

9.2.3 bcpJobDate (1.3.6.1.4.1.1129.1.2.1.1.2.2.3)

Data type	String14
Read/Write	read-only
Update timing	As needed
Description	Print job received time
Value	Depends on the JOB management command value sent from the host.
Remarks	

9.2.4 bcpJobSender (1.3.6.1.4.1.1129.1.2.1.1.2.2.4)

Data type	String15
Read/Write	read-only
Update timing	As needed
Description	Sender of print job
Value	Depends on the JOB management command value sent from the host.
Remarks	

9.2.5 bcpJobPrinted (1.3.6.1.4.1.1129.1.2.1.1.2.2.5)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Total number of labels of the print job
Value	Depends on the JOB management command value sent from the host.
Remarks	

9.3 bcpPrintSetEntry (1.3.6.1.4.1.1129.1.2.1.1.2.3)

The bcpPrintSetEntry group manages the print condition settings and supports the following objects.

- bcpPrintSetSizeX (1)
- bcpPrintSetSizeY (2)
- bcpPrintSetPitch (3)
- bcpPrintSetSensor (4)
- bcpPrintSetSpeed (5)
- bcpPrintSetRotation (6)
- bcpPrintSetCut (7)
- bcpPrintSetCount (8)
- bcpPrintSetMode (9)
- bcpPrintSetRibbon (10)
- bcpPrintSetStatus (11)

9.3.1 bcpPrintSetSizeX (1.3.6.1.4.1.1129.1.2.1.1.2.3.1)

Data type Integer32

Read/Write read-only

Update timing As needed

Description Programmed media width

Value

BX410	DT: 100 to 1040 (0.1 mm) TT: 100 to 1040 (0.1 mm)
BX420	DT: 100 to 1040 (0.1 mm) TT: 100 to 1040 (0.1 mm)
BX430	100 to 1040 (0.1 mm)
BX610/BX620	100 to 1600 (0.1 mm)

Reference

B-SA4T	100 to 9999 (0.1 mm)
B-SX6T	100 to 9999 (0.1 mm)
B-SX8T	100 to 9999 (0.1 mm)
B-850-R	100 to 9999 (0.1 mm)
B-SX4T	100 to 1280 (0.1 mm)
B-SX5T	100 to 1280 (0.1 mm)
B-450-R	100 to 9999 (0.1 mm)
B-462-R	100 to 9999 (0.1 mm)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	100 to 540 (0.1 mm)
B-FP3D	100 to 720 (0.1 mm)
B-EV4	100 to 9999 (0.1 mm)
B-FV4	100 to 9999 (0.1 mm)
B-EX4T	100 to 1040 (0.1 mm)
B-EX6T	100 to 1600 (0.1 mm)
B-EX4D	100 to 1040 (0.1 mm)
BA410T-G	100 to 1040 (0.1 mm)
BA410T-T	100 to 1057 (0.1 mm)
BA420T-G	100 to 1040 (0.1 mm)
BA420T-T	100 to 1057 (0.1 mm)
BV410D-G/BV420D-G	100 to 1040 (0.1 mm)
BV410D-T/BV420D-T	100 to 1057 (0.1 mm)

9.3.2 bcpPrintSetSizeY (1.3.6.1.4.1.1129.1.2.1.1.2.3.2)

Data type Integer32

Read/Write read-only

Update timing As needed

Description Programmed effective print length

Value

BX410/BX420	203/300/305 dpi: 60 to 14980 (0.1 mm)
BX430	600 dpi: 30 to 4980 (0.1 mm)
BX610/BX620	203/305 dpi: 60 to 14980 (0.1 mm)

Reference

B-SA4T	100 to 99999 (0.1 mm)
B-SX6T	100 to 99999 (0.1 mm)
B-SX8T	100 to 99999 (0.1 mm)
B-850-R	100 to 99999 (0.1 mm)
B-SX4T	60 to 9980 (0.1 mm)
B-SX5T	60 to 9980 (0.1 mm)
B-450-R	100 to 99999 (0.1 mm)
B-462-R	100 to 99999 (0.1 mm)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	0 to 9970 (0.1 mm)
B-FP3D	0 to 9970 (0.1 mm)
B-EV4	100 to 99999 (0.1 mm)
B-FV4	100 to 99999 (0.1 mm)
B-EX4T	203/300/305 dpi: 60 to 14980 (0.1 mm) 600 dpi: 10 to 4980 (0.1 mm)
B-EX6T	60 to 14980 (0.1 mm)
B-EX4D	60 to 14980 (0.1 mm)
BA410T/BA420T	60 to 14980 (0.1 mm)
BV410D/BV420D	60 to 9979 (0.1 mm)

9.3.3 bcpPrintSetPitch (1.3.6.1.4.1.1129.1.2.1.1.2.3.3)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Programmed media pitch
Value

BX410/BX420	203/300/305 dpi: 100 to 15000 (0.1 mm)
BX430	600 dpi: 50 to 5000 (0.1 mm)
BX610/BX620	203/305 dpi: 100 to 15000 (0.1 mm)

Reference

B-SA4T	100 to 99999 (0.1 mm)
B-SX6T	100 to 99999 (0.1 mm)
B-SX8T	100 to 99999 (0.1 mm)
B-850-R	100 to 99999 (0.1 mm)
B-SX4T	100 to 10000 (0.1 mm)
B-SX5T	100 to 10000 (0.1 mm)
B-450-R	100 to 99999 (0.1 mm)
B-462-R	100 to 99999 (0.1 mm)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	0 to 9999 (0.1 mm)
B-FP3D	0 to 9999 (0.1 mm)
B-EV4	100 to 99999 (0.1 mm)
B-FV4	100 to 99999 (0.1 mm)
B-EX4T	203/300/305 dpi: 100 to 15000 (0.1 mm) 600 dpi: 50 to 5000 (0.1 mm)
B-EX6T	100 to 15000 (0.1 mm)
B-EX4D	100 to 15000 (0.1 mm)
BA410T/BA420T	100 to 15000 (0.1 mm)
BV410D/BV420D	100 to 99999 (0.1 mm)

9.3.4 bcpPrintSetSensor (1.3.6.1.4.1.1129.1.2.1.1.2.3.4)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Sensor type
The sensor type set in the operation condition of printing currently selected is returned.
Value

0	No sensor
1	Reflective sensor
2	Transmissive sensor
3	Manual threshold (transmissive sensor)
4	Manual threshold (reflective sensor)
5	Reflective sensor 2 (upper reflective sensor) BX series: Not supported BM800: Supported
6	Transmissive sensor 2 (not used)

Remarks

9.3.5 bcpPrintSetSpeed (1.3.6.1.4.1.1129.1.2.1.1.2.3.5)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Print speed
Value

BX410	203 dpi	3, 6, 10, 12, 14 (inch/sec)
	305 dpi	3, 5, 8, 10, 12, 14 (inch/sec)
BX420	203 dpi	3, 6, 10, 12 (inch/sec)
	300 dpi	3, 5, 8, 10, 12 (inch/sec)
BX430	600 dpi	2, 3, 4, 5, 6 (inch/sec)
BX610/BX620	203 dpi	3, 5, 8, 10 ,12 (inch/sec)
	305 dpi	3, 5, 8, 10, 12 (inch/sec)

Reference

B-SA4T	2, 4, 6 (inch/sec.)	
B-SX6T	1 to 99 (inch/sec.)	
B-SX8T	1 to 99 (inch/sec.)	
B-850-R	1 to 99 (inch/sec.)	
B-SX4T	3, 6, 10 (inch/sec.)	
B-SX5T	3, 5, 8 (inch/sec.)	
B-450-R	2, 4 (inch/sec.)	
B-462-R	2, 4 (inch/sec.)	
B-EP2DL-G		
B-EP4DL-G		
B-EP4DL-T		
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	1 to 99 (inch/sec.)	
B-FV4	1 to 99 (inch/sec.)	
B-EX4T1	203 dpi	3, 6, 10, 12, 14 (inch/sec.)
	305 dpi	3, 5, 8, 10, 12, 14 (inch/sec.)
B-EX4T2	203 dpi	3, 6, 10, 12 (inch/sec.)
	305 dpi	3, 5, 8, 10, 12 (inch/sec.)
	600 dpi	2, 3, 4, 5, 6 (inch/sec.)
B-EX4T3	600 dpi	2, 3, 4, 5, 6 (inch/sec.)
B-EX6T1	203 dpi	3, 5, 8, 10, 12 (inch/sec.)
	305 dpi	3, 5, 8, 10, 12 (inch/sec.)
B-EX4D	203 dpi	3, 6, 10, 12 (inch/sec.)
	300 dpi	3, 5, 8, 10, 12 (inch/sec.)
BA410T/BA420T	2, 4, 6, 8 (inch/sec.) When 2 (inch/sec.) is specified for thermal transfer, it operates at 3 (inch/sec.).	
BV410D/BV420D	203 dpi	2, 3, 4, 5, 6, 7 (inch/sec.)
	300 dpi	2, 3, 4, 5 (inch/sec.)

9.3.6 bcpPrintSetRotation (1.3.6.1.4.1.1129.1.2.1.1.2.3.6)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Rotation
Value

0	Bottom first
1	Top first
2	Bottom first, mirror print
3	Top first, mirror print

9.3.7 bcpPrintSetCut (1.3.6.1.4.1.1129.1.2.1.1.2.3.7)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Cut interval
Value

BX410/BX420/BX430	0 to 100 (pcs.)
BX610/BX620	0 to 100 (pcs.)

Reference

B-SA4T	0 to 100 (pcs.)
B-SX6T	0 to 100 (pcs.)
B-SX8T	0 to 100 (pcs.)
B-850-R	0 to 100 (pcs.)
B-SX4T	0 to 100 (pcs.)
B-SX5T	0 to 100 (pcs.)
B-450-R	0 to 100 (pcs.)
B-462-R	0 to 100 (pcs.)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	0 to 100 (pcs.)
B-FV4	0 to 100 (pcs.)
B-EX4T	0 to 100 (pcs.)
B-EX6T	0 to 100 (pcs.)
B-EX4D	0 to 100 (pcs.)
BA410T/BA420T	0 to 100 (pcs.)
BV410D/BV420D	0 to 100 (pcs.)

9.3.8 bcpPrintSetCount (1.3.6.1.4.1.1129.1.2.1.1.2.3.8)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Number of labels to issue
Value 1 to 9999 (pcs.)

9.3.9 bcpPrintSetMode (1.3.6.1.4.1.1129.1.2.1.1.2.3.9)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Issue mode
Value

0	Batch/Cut
1	Peel-off
2	Special peel-off (applicator)
3	Partial cut
4	Linerless cut

Remarks BX series: Not supported the values “3” and “4”
The value is determined by the issue mode of the current printing operation condition.
0, 1, 3, 4, 6: 0 (Batch/Cut)
2: 1 (Peel-off)
5: 2 (Special peel-off)
0: Batch (cut) issue
1: Disable (in case of “Panter”: Batch (cut) issue)
2: Peel-off issue (Issue mode: D)
3: Batch (cut) issue (not used)
4: Head-up issue (ribbon saving)
5: Peel-off issue (Issue mode: E)
6: Batch (rewinder) issue

9.3.10 bcpPrintSetRibbon (1.3.6.1.4.1.1129.1.2.1.1.2.3.10)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Whether to use the ribbon
Value

0	No
1	Yes

Remarks

9.3.11 bcpPrintSetStatus (1.3.6.1.4.1.1129.1.2.1.1.2.3.11)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Status response
Value

0	No
1	Yes

9.4 bcpAdjustSetEntry (1.3.6.1.4.1.1129.1.2.1.1.2.4)

The bcpAdjustSetEntry group manages the fine adjustment values of the printer and supports the following objects.

- bcpAdjustSetFeed (1)
- bcpAdjustSetCut (2)
- bcpAdjustSetBack (3)
- bcpAdjustSetToneTrans (4)
- bcpAdjustSetToneDirect (5)
- bcpAdjustSetRibbonFwd (6)
- bcpAdjustSetRibbonBack (7)
- bcpAdjustSetRibbon2Fwd (8)
- bcpAdjustSetRibbon2Back (9)

The following is the difference from bcpAdjustEntry (1.3.6.1.4.1.1129.1.2.1.1.4.2) group.

bcpAdjustSetEntry(1.3.6.1.4.1.1129.1.2.1.1.2.4)	Setting by PC commands
bcpAdjustEntry(1.3.6.1.4.1.1129.1.2.1.1.4.2)	Setting by key operations

9.4.1 bcpAdjustSetFeed (1.3.6.1.4.1.1129.1.2.1.1.2.4.1)

Data type	Integer32
Read/Write	read-write
Update timing	As needed
Description	Feed amount fine adjustment value
Value	-500 to +500 (0.1 mm)
Remarks	

9.4.2 bcpAdjustSetCut (1.3.6.1.4.1.1129.1.2.1.1.2.4.2)

Data type	Integer32
Read/Write	read-write
Update timing	As needed
Description	Cut/strip position fine adjustment value
Value	-500 to +500 (0.1 mm)
Remarks	

9.4.3 bcpAdjustSetBack (1.3.6.1.4.1.1129.1.2.1.1.2.4.3)

Data type	Integer32
Read/Write	read-write
Update timing	As needed
Description	Reverse feed amount fine adjustment value
Value	-99 to +99 (0.1 mm)
Remarks	

9.4.4 bcpAdjustSetToneTrans (1.3.6.1.4.1.1129.1.2.1.1.2.4.4)

Data type Integer32

Read/Write read-write

Update timing As needed

Description Print tone fine adjustment value (thermal transfer)

Value

BX410/BX420/BX430	-20 to +10 (step)
BX610/BX620	-20 to +20 (step)

Reference

B-SA4T	-10 to +10 (step)
B-SX6T	-10 to +10 (step)
B-SX8T	-10 to +10 (step)
B-850-R	-10 to +10 (step)
B-SX4T	-10 to +10 (step)
B-SX5T	-10 to +10 (step)
B-450-R	-10 to +10 (step)
B-462-R	-10 to +10 (step)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	-20 to +10 (step)
B-EX6T	-20 to +20 (step)
B-EX4D	-20 to +10 (step)
BA410T/BA420T	-10 to +10 (step)
BV410D/BV420D	N/A

9.4.5 bcpAdjustSetToneDirect (1.3.6.1.4.1.1129.1.2.1.1.2.4.5)

Data type Integer32

Read/Write read-write

Update timing As needed

Description Print tone fine adjustment value (thermal direct)

Value

BX410/BX420/BX430	-20 to +10 (step)
BX610/BX620	-20 to +20 (step)

Reference

B-SA4T	-10 to +10 (step)
B-SX6T	-10 to +10 (step)
B-SX8T	-10 to +10 (step)
B-850-R	-10 to +10 (step)
B-SX4T	-10 to +10 (step)
B-SX5T	-10 to +10 (step)
B-450-R	-10 to +10 (step)
B-462-R	-10 to +10 (step)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	-30 to +30 (step)
B-FP3D	-30 to +30 (step)
B-EV4	N/A
B-FV4	N/A
B-EX4T	-20 to +10 (step)
B-EX6T	-20 to +20 (step)
B-EX4D	-20 to +10 (step)
BA410T/BA420T	-10 to +10 (step)
BV410D/BV420D	-10 to +10 (step)

9.4.6 bcpAdjustSetRibbonFwd (1.3.6.1.4.1.1129.1.2.1.1.2.4.6)

Data type Integer32

Read/Write read-write

Update timing As needed

Description Ribbon take-up motor drive voltage fine adjustment value (Normal torque)

Value

BX410/BX420/BX430	-15 to +10 (step)
BX610/BX620	-15 to +10 (step)

Reference

B-SA4T	-15 to +0 (step)
B-SX6T	-15 to +0 (step)
B-SX8T	-15 to +0 (step)
B-850-R	-15 to +6 (step)
B-SX4T	-15 to +0 (step)
B-SX5T	-15 to +0 (step)
B-450-R	-15 to +0 (step)
B-462-R	-15 to +0 (step)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	-15 to +10 (step)
B-EX6T	-15 to +10 (step)
B-EX4D	-15 to +10 (step)
BA410T/BA420T	-15 to +10 (step)
BV410D/BV420D	N/A

9.4.7 bcpAdjustSetRibbonBack (1.3.6.1.4.1.1129.1.2.1.1.2.4.7)

Data type Integer32

Read/Write read-write

Update timing As needed

Description Ribbon feed motor drive voltage fine adjustment value (Normal torque)

Value

BX410/BX420/BX430	-15 to +10 (step)
BX610/BX620	-15 to +10 (step)

Reference

B-SA4T	-15 to +10 (step)
B-SX6T	-15 to +10 (step)
B-SX8T	-15 to +10 (step)
B-850-R	-15 to +10 (step)
B-SX4T	-15 to +0 (step)
B-SX5T	-15 to +0 (step)
B-450-R	-15 to +10 (step)
B-462-R	-15 to +10 (step)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	-15 to +10 (step)
B-EX6T	-15 to +10 (step)
B-EX4D	-15 to +10 (step)
BA410T/BA420T	-15 to +10 (step)
BV410D/BV420D	N/A

9.4.8 bcpAdjustSetRibbon2Fwd (1.3.6.1.4.1.1129.1.2.1.1.2.4.8)

Data type Integer32

Read/Write read-write

Update timing As needed

Description Ribbon take-up motor voltage fine adjustment value (for Ribbon 2) (Low torque)

Value

BX410/BX420/BX430	-15 to +10 (step)
BX610/BX620	-15 to +10 (step)

Reference

B-SA4T	N/A	
B-SX6T	N/A	
B-SX8T	N/A	
B-850-R	N/A	
B-SX4T	N/A	
B-SX5T	N/A	
B-450-R	N/A	
B-462-R	N/A	
B-EP2DL-G	N/A	
B-EP4DL-G	N/A	
B-EP4DL-T	N/A	
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T	B-EX4T1-G/T-QM/CN: C1.2 or later B-EX4T2-G/T-QM/CN: C1.2 or later B-EX4T2-H-QM/CN: C1.1A or later	-15 to +10 (step)
	Other than above	N/A
B-EX6T	-15 to +10 (step)	
B-EX4D	B-EX4D2-G/T-QM/CN: D1.1 or later	-15 to +10 (step)
	Other than above	N/A
BA410T/BA420T	-15 to +10 (step)	
BV410D/BV420D	N/A	

Remarks

9.4.9 bcpAdjustSetRibbon2Back (1.3.6.1.4.1.1129.1.2.1.1.2.4.9)

Data type Integer32

Read/Write read-write

Update timing As needed

Description Ribbon feed motor voltage fine adjustment value (for Ribbon 2) (Low torque)

Value

BX410/BX420/BX430	-15 to +10 (step)
BX610/BX620	-15 to +10 (step)

Reference

B-SA4T	N/A	
B-SX6T	N/A	
B-SX8T	N/A	
B-850-R	N/A	
B-SX4T	N/A	
B-SX5T	N/A	
B-450-R	N/A	
B-462-R	N/A	
B-EP2DL-G	N/A	
B-EP4DL-G	N/A	
B-EP4DL-T	N/A	
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T	B-EX4T1-G/T-QM/CN: C1.2 or later B-EX4T2-G/T-QM/CN: C1.2 or later B-EX4T2-H-QM/CN: C1.1A or later	-15 to +10 (step)
	Other than above	N/A
B-EX6T	-15 to +10 (step)	
B-EX4D	B-EX4D2-G/T-QM/CN: D1.1 or later	-15 to +10 (step)
	Other than above	N/A
BA410T/BA420T	-15 to +10 (step)	
BV410D/BV420D	N/A	

Remarks

10 Private MIB bcpCounterTable (1.3.6.1.4.1.1129.1.2.1.1.3)

The bcpCounterTable group manages the printer counter information and supports the following objects.

- bcpCounterTotalFeed (1)
- bcpCounterFeed (2)
- bcpCounterPrint (3)
- bcpCounterCut (4)
- bcpCounterHeadUD (5)
- bcpCounterRibbon (6)
- bcpCounterSolenoid (7)
- bcpCounter232CErr (8)
- bcpCounterSystemErr (9)
- bcpCounterPowerFail (10)
- bcpCounterheaterLamp (11)
- bcpCounterASFFeed (12)
- bcpCounterShutter (13)
- bcpCounterShutterUD (14)
- bcpCounterReject (15)
- bcpCounterRejectUD (16)
- bcpCounterEraser (17)
- bcpCounterEraserUD (18)
- bcpRFIDWriteOK (19)
- bcpRFIDWriteErr (20)
- bcpCounterFeedCharge1 (21)
- bcpCounterFeedCharge2 (22)
- bcpCounterFeedHistory (23)
  - bcpCounterFeedHistory1 (1)
  - bcpCounterFeedHistory2 (2)
  - bcpCounterFeedHistory3 (3)
  - bcpCounterFeedHistory4 (4)
- bcpCounterPrintHistory (24)
  - bcpCounterPrintHistory1 (1)
  - bcpCounterPrintHistory2 (2)
  - bcpCounterPrintHistory3 (3)
  - bcpCounterPrintHistory4 (4)
- bcpCounterTotalPrint (25)

10.1.1 bcpCounterTotalFeed (1.3.6.1.4.1.1129.1.2.1.1.3.1)

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	Total label running distance
Value	0 to 32000 (0.1km)
Remark	

10.1.2 bcpCounterFeed (1.3.6.1.4.1.1129.1.2.1.1.3.2)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Label running distance
Value	0 to 32000 (0.1km)
Remark	

10.1.3 bcpCounterPrint (1.3.6.1.4.1.1129.1.2.1.1.3.3)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Print distance
Value	0 to 2000 (0.1km)
Remark	

10.1.4 bcpCounterCut (1.3.6.1.4.1.1129.1.2.1.1.3.4)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Cut count
Value	0 to 1000000 (times)
Remark	

10.1.5 bcpCounterHeadUD (1.3.6.1.4.1.1129.1.2.1.1.3.5)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Print head up/down count
Value	0 to 2000000 (times)
Remark	

10.1.6 bcpCounterRibbon (1.3.6.1.4.1.1129.1.2.1.1.3.6)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Ribbon motor drive time
Value	0 to 2000 (hours)
Remark	

10.1.7 bcpCounterSolenoid (1.3.6.1.4.1.1129.1.2.1.1.3.7)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Head-up solenoid drive time
Value	0 to 1000 (hours)
Remark	

10.1.8 bcpCounter232CErr (1.3.6.1.4.1.1129.1.2.1.1.3.8)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Number of times RS-232C hardware error occurred
Value	0 to 255 (times)
Remark	

10.1.9 bcpCounterSystemErr (1.3.6.1.4.1.1129.1.2.1.1.3.9)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Number of times system error occurred
Value	0 to 15 (times)
Remark	

10.1.10 bcpCounterPowerFail (1.3.6.1.4.1.1129.1.2.1.1.3.10)

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	Number of times momentary power interruption occurred
Value	0 to 15 (times)
Remark	

10.1.11 bcpCounterheaterLamp (1.3.6.1.4.1.1129.1.2.1.1.3.11)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Heater lamp energizing time
Value	0 to 2000 (times)
Remarks	A-BRID: Not supported

10.1.12 bcpCounterASFFeed (1.3.6.1.4.1.1129.1.2.1.1.3.12)

Data type	Integer32
Read/Write	read-write
Update timing	As needed
Description	ASF feed distance
Value	0 to 2000 (0.1km)
Remarks	BX400, BX600: Not supported

10.1.13 bcpCounterShutter (1.3.6.1.4.1.1129.1.2.1.1.3.13)

Data type	Integer32
Read/Write	read-write
Update timing	As needed
Description	Shutter solenoid drive time
Value	0 to 1000 (h)
Remarks	BX400, BX600: Not supported

10.1.14 bcpCounterShutterUD (1.3.6.1.4.1.1129.1.2.1.1.3.14)

Data type	Integer32
Read/Write	read-write
Update timing	As needed
Description	Number of times the shutter solenoid drove
Value	0 to 2000000 (times)
Remarks	BX400, BX600: Not supported

10.1.15 bcpCounterReject (1.3.6.1.4.1.1129.1.2.1.1.3.15)

Data type	Integer32
Read/Write	read-write
Update timing	As needed
Description	Rejection solenoid drive time
Value	0 to 1000 (times)
Remarks	BX400, BX600: Not supported

10.1.16 bcpCounterRejectUD (1.3.6.1.4.1.1129.1.2.1.1.3.16)

Data type	Integer32
Read/Write	read-write
Update timing	As needed
Description	Number of times the rejection solenoid drove
Value	0 to 2000000 (times)
Remarks	BX400, BX600: Not supported

10.1.17 bcpCounterEraser (1.3.6.1.4.1.1129.1.2.1.1.3.17)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Eraser solenoid drive time
Value	0 to 1000 (times)
Remarks	BX400, BX600: Not supported

10.1.18 bcpCounterEraserUD (1.3.6.1.4.1.1129.1.2.1.1.3.18)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Number of times the eraser solenoid drove
Value	0 to 2000000 (times)
Remarks	BX400, BX600: Not supported

10.1.19 bcpRFIDWriteOK (1.3.6.1.4.1.1129.1.2.1.1.3.19)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Number of times RFID write succeeded
Value

BX410/BX420/BX430	0 to 9999999 (times)
BX610/BX620	0 to 9999999 (times)

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	0 to 9999999 (times) (supported from C5.7C)
B-SX5T	0 to 9999999 (times) (supported from C5.7C)
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 9999999 (times)
B-EX6T	0 to 9999999 (times)
B-EX4D	0 to 9999999 (times)
BA410T/BA420T	0 to 9999999 (times)
BV410D/BV420D	N/A

10.1.20 bcpRFIDWriteErr (1.3.6.1.4.1.1129.1.2.1.1.3.20)

Data type Integer32
Read/Write read-only
Update timing As needed
Description Number of times RFID write failed
Value

BX410/BX420/BX430	0 to 9999999 (times)
BX610/BX620	0 to 9999999 (times)

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	0 to 9999999 (times) (supported from C5.7C)
B-SX5T	0 to 9999999 (times) (supported from C5.7C)
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 9999999 (times)
B-EX6T	0 to 9999999 (times)
B-EX4D	0 to 9999999 (times)
BA410T/BA420T	0 to 9999999 (times)
BV410D/BV420D	N/A

10.1.21 bcpCounterFeedCharge1 (1.3.6.1.4.1.1129.1.2.1.1.3.21)

Data type String16
Read/Write read-only
Update timing As needed
Description Feed counter for volume charging (in units of 1 cm)
Value A saved value is converted into a text and then is entered.

BX410/BX420/BX430	0 to 4200000000 (cm) ** 4,200,000,000
BX610/BX620	0 to 4200000000 (cm) ** 4,200,000,000

Reference

B-SA4T	C2.1 or later	0 to 320000000 (cm)
	C2.0D or before	N/A
B-SX6T	V1.6 or later	0 to 320000000 (cm)
	V1.5 or before	N/A
B-SX8T	B-SX8T-QM/CN: C1.6 or later	0 to 320000000 (cm)
	B-SX8T-TS15-R/TS15-CND-R B-SX8T-QM/CN: C1.5 or before	N/A
B-850-R	N/A	
B-SX4T	C5.8 or later	0 to 320000000 (cm)
	C5.7C or before	N/A
B-SX5T	C5.8 or later	0 to 320000000 (cm)
	C5.7C or before	N/A
B-450-R	N/A	
B-462-R	N/A	
B-EP2DL-G	N/A	
B-EP4DL-G	N/A	
B-EP4DL-T	N/A	
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	0 to 320000000 (cm)	
B-EX4T1	B-EX4T1-G/T-QM/CN with firmware C1.0I or later B-EV4T1-TS25-R with firmware V2.4 or later	0 to 320000000 (cm)
	Other than above	N/A
B-EX4T2	B-EX4T2-G/T-QM/CN with firmware C1.0F or later B-EX4T2-H-QM/CN C1.1A or later	0 to 320000000 (cm)
	Other than above	N/A
B-EX4T3	B-EX4T3-H V1.4B or later	0 to 320000000 (cm)
	B-EX4T3-H	N/A
B-EX6T	0 to 320000000 (cm)	
B-EX4D	B-EX4D2-G/T-QM/CN D1.1 or later	0 to 320000000 (cm)
	Other than above	N/A
BA410T/BA420T	0 to 320000000 (cm)	
BV410D/BV420D	0 to 320000000 (cm)	

10.1.22 bcpCounterFeedCharge2 (1.3.6.1.4.1.1129.1.2.1.1.3.22)

Data type String16
Read/Write read-only
Update timing As needed
Description Feed counter for volume charging (in units of 0.1 inches)
Value A saved value is calculated in units of 0.1 inches. The result is converted into a text and then is entered.

BX410/BX420/BX430	0 to 16535433070 (0.1 inches) **16,535,433,070
BX610/BX620	0 to 16535433070 (0.1 inches) **16,535,433,070

Reference

B-SA4T	C2.1 or later	0 to 1259842519 (0.1 inches)
	C2.0D or before	N/A
B-SX6T	V1.6 or later	0 to 1259842519 (0.1 inches)
	V1.5 or before	N/A
B-SX8T	B-SX8T-QM/CN C1.6 or later	0 to 1259842519 (0.1 inches)
	B-SX8T-TS15-R/TS15-CND-R B-SX8T-QM/CN C1.5 or before	N/A
B-850-R	N/A	
B-SX4T	C5.8 or later	0 to 1259842519 (0.1 inches)
	C5.7C or before	N/A
B-SX5T	C5.8 or later	0 to 1259842519 (0.1 inches)
	C5.7C or before	N/A
B-450-R	N/A	
B-462-R	N/A	
B-EP2DL-G	N/A	
B-EP4DL-G	N/A	
B-EP4DL-T	N/A	
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	0 to 1259842519 (0.1 inches)	
B-EX4T1	B-EX4T1-G/T-QM/CN with firmware C1.0I or later B-EV4T1-TS25-R with firmware V2.4 or later	0 to 1259842519 (0.1 inches)
	Other than above	N/A
B-EX4T2	B-EX4T2-G/T-QM/CN with firmware C1.0F or later B-EX4T2-H-QM/CN C1.1A or later	0 to 1259842519 (0.1 inches)
	Other than above	N/A
B-EX4T3	B-EX4T3-H V1.4B or later	0 to 1259842519 (0.1 inches)
	B-EX4T3-H	N/A
B-EX6T	N/A	
B-EX4D	B-EX4D2-G/T-QM/CN D1.1 or later	0 to 1259842519 (0.1 inches)
	Other than above	N/A
BA410T/BA420T	0 to 1259842519 (0.1 inches)	
BV410D/BV420D	0 to 1259842519 (0.1 inches)	

10.1.23 bcpCounterFeedHistory (1.3.6.1.4.1.1129.1.2.1.1.3.23)

The bcpCounterFeedHistory group manages the information of the FEED distance history of the printer and supports the following objects.

- bcpCounterFeedHistory1 (1)
- bcpCounterFeedHistory2 (2)
- bcpCounterFeedHistory3 (3)
- bcpCounterFeedHistory4 (4)

10.1.23.1 bcpCounterFeedHistoryX (1.3.6.1.4.1.1129.1.2.1.1.3.23.X)

"X" value is from 1 to 4.

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	The history of Paper Feed Distance 1 to 4
Value	0 to 32000000 (cm)
Remarks	BX400, BX600: Not supported

10.1.24 bcpCounterPrintHistory (1.3.6.1.4.1.1129.1.2.1.1.3.24)

The bcpCounterPrintHistory group manages the information of the Print distance history of the printer and supports the following objects.

- bcpCounterPrintHistory1 (1)
- bcpCounterPrintHistory2 (2)
- bcpCounterPrintHistory3 (3)
- bcpCounterPrintHistory4 (4)

10.1.24.1 bcpCounterFeedHistoryX (1.3.6.1.4.1.1129.1.2.1.1.3.24.X)

"X" value is from 1 to 4.

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	The history of Paper Print Distance 1 to 4
Value	0 to 32000000 (cm)
Remarks	BX400, BX600: Not supported

10.1.25 bcpCounterTotalPrint(1.3.6.1.4.1.1129.1.2.1.1.3.25)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	Total Paper Print Distance
Value	0 to 32000000 (cm)
Remarks	BX400, BX600: Not supported

11 Private MIB bcpSettingTable (1.3.6.1.4.1.1129.1.2.1.1.4)

The bcpSettingTable group manages the printer parameter setting values and supports the following objects.

- bcpParameterEntry (1)
- bcpAdjustEntry (2)
- bcpRFIDEntry (3)

11.1 bcpParameterEntry (1.3.6.1.4.1.1129.1.2.1.1.4.1)

The bcpParameterEntry group manages the printer parameter setting values and supports the following objects.

- bcpParamFont (1)
- bcpParamZero (2)
- bcpParamSpeed (3)
- bcpParamDataLeng (4)
- bcpParamStopBit (5)
- bcpParamParity (6)
- bcpParamControl (7)
- bcpParamMessage (8)
- bcpParamForwardWait (9)
- bcpParamFWPosition (10)
- bcpParamHUCutRwd (11)
- bcpParamSolenoid (12)
- bcpParamRibbonSave (13)
- bcpParamCode (14)
- bcpParamCodeSet1 (15)
- bcpParamCodeSet2 (16)
- bcpParamCodeSet3 (17)
- BcpParamPeelOffStatus (18)
- bcpParamFeedKey (19)
- bcpParamKanji (20)
- bcpParamEuroCode (21)
- bcpParamAutoHDChk (22)
- bcpParamAckBusy (23)
- bcpParamWebPrinter (24)
- bcpParamInputPrime (25)
- bcpParamRibbonNearEnd (26)
- bcpParamExpIOMode (27)
- bcpParamCentroMode (28)
- bcpParamPlugPlay (29)
- bcpParamLblRbnEnd (30)
- bcpParamPrePeelOff (31)
- bcpParamBackSpeed (32)
- bcpParamMaxiCodeSpec (33)
- bcpParamRibbonKind (34)
- bcpParamPaperSelect (35)
- bcpParamMoterTorqueSpec (36)
- bcpParamRtcBatteryCheck (37)
- bcpParamRtcDataRenewal (38)

- bcpParamStabilizerSpec (39)
- bcpParamXML (40)
- bcpParamThresholdSelectReflect(41)
- bcpParamThresholdSelectTrans(42)
- bcpParamSettingSupplyType (43)
  - bcpParamSupplyTypeDirectThermal (1)
  - bcpParamSupplyTypeThermalTransfer (2)
- bcpParamPowerSaveTime (44)
- bcpParamLCDDispMachineName (45)
- bcpParamLCDDispPrintPage (46)
- bcpParamLCDDispIPaddress (47)
- bcpParamPrintWaitingAction (48)
- bcpParamUSBStatusResponse (49)
- bcpParamLCDDispContrast (50)
- bcpParamSettingPassword (51)
- bcpParamUSBSerialID (52)
- bcpParamRtcDateTime (53)
- bcpParamAutoCalib (54)
- bcpParamMediaLoad (55)
- bcpParamTypeOfRibbon (56)
- bcpParamRibbonWidth (57)
- bcpParamBackfeedRestrict (58)
- bcpParamChargeMode (59)
- bcpParamCoverCloseFeed (60)
- bcpParamCoverCloseHdChk (61)
- bcpParamErrorPowerOff (62)
- bcpParamHdErrorPrint (63)
- bcpParamHeadDiv (64)
- bcpParamHeadDivCommand (65)
- bcpParamLCDOffTime (66)
- bcpParamLinerless (67)
- bcpParamPaperStopPos (68)
- bcpParamPCLMode (69)
- bcpParamPeeloffBackfeed (70)
- bcpParamPeeloffLabelWidth (71)
- bcpParamPowerOffTime (72)
- bcpParamPrinterID (73)
- bcpParamPrintType (74)
- bcpParamBTDeviceAddress (75)
- bcpParamBTInquirySetting (76)
- bcpParamBTInquiryTime (77)
- bcpParamBTInquiryWindow (78)
- bcpParamBTInterfaceSetting (79)
- bcpParamBTNickname (80)
- bcpParamBTSecurityLevel (81)

- bcpParamBTSSPType (82)
- bcpParamBTBonding (83)
- bcpParamUSBSerialNumber (84)
- bcpParamUSBFunctionMode (85)
- bcpParamParameterName (86)
- bcpParamModelName (87)
- bcpParamBeep (88)
- bcpParamBSPMode (89)
- bcpParamBEPMode (90)
- bcpParamKanjiFont (91)
- bcpParamBatteryCheck (92)
- bcpParamBTAutoConnect (93)
- bcpParamPlatenAlertEntry (94)
  - bcpParamPlatenNearAlertDistance (1)
  - bcpParamPlatenAlertDistance (2)
- bcpParamPlatenAlertEntry (95)
  - bcpParamHeadNearAlertDistance (1)
  - bcpParamHeadAlertDistance (2)
- bcpParamRewinder (96)

11.1.1 bcpParamFont (1.3.6.1.4.1.1129.1.2.1.1.4.1.1)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Character code type
Value

BX410/BX420/BX430	0 to 15
BX610/BX620	0 to 15

0	PC-850
1	PC-8
2	PC-852
3	PC-857
4	PC-851
5	PC-855
6	PC-1250
7	PC-1251
8	PC-1252
9	PC-1253
10	PC-1254
11	PC-1257
12	LATIN9
13	ARABIC
14	PC-866
15	UTF-8

Reference

B-SA4T	0 to 15
B-SX6T	0 to 15
B-SX8T	0 to 15
B-850-R	0 to 15
B-SX4T	0 to 13
B-SX5T	0 to 13
B-450-R	0 to 15
B-462-R	0 to 15
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	0 to 15
B-FP3D	0 to 15
B-EV4	0 to 15
B-FV4	0 to 15
B-EX4T	0 to 15
B-EX6T	0 to 15
B-EX4D	0 to 15
BA410T/BA420T	0 to 15
BV410D/BV420D	0 to 15

Remarks

11.1.2 bcpParamZero (1.3.6.1.4.1.1129.1.2.1.1.4.1.2)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Character zero
Value

0	Without slash
1	With slash

Remarks

11.1.3 bcpParamSpeed (1.3.6.1.4.1.1129.1.2.1.1.4.1.3)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Transmission rate
Value

0	2400bps
1	4800bps
2	9600bps
3	19200bps
4	38400bps
5	115200bps

Reference
(Other than B-FV4)

0	2400bps
1	4800bps
2	9600bps
3	19200bps
4	38400bps
5	115200bps

Reference
Value (B-FV4)

0	2400bps
1	4800bps
2	9600bps
3	19200bps
4	38400bps
5	57600bps
6	115200bps

Remarks

11.1.4 bcpParamDataLeng (1.3.6.1.4.1.1129.1.2.1.1.4.1.4)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Data length
Value

0	7 bits
1	8 bits

Remarks

11.1.5 bcpParamStopBit (1.3.6.1.4.1.1129.1.2.1.1.4.1.5)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Stop bit length
Value

0	1 bit
1	2 bits

Remarks

11.1.6 bcpParamParity (1.3.6.1.4.1.1129.1.2.1.1.4.1.6)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Parity
Value

0	NONE
1	EVEN
2	ODD

Remarks

11.1.7 bcpParamControl (1.3.6.1.4.1.1129.1.2.1.1.4.1.7)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Flow control code
Value

0	XON/XOFF
1	READY/BUSY
2	XON+READY AUTO
3	XON/XOFF AUTO
4	READY/BUSY RTS

Remarks

11.1.8 bcpParamMessage (1.3.6.1.4.1.1129.1.2.1.1.4.1.8)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description LCD message language
Value

BX410/BX420/BX430	0 to 13
BX610/BX620	0 to 13

0	ENGLISH
1	GERMAN
2	FRENCH
3	DUTCH
4	SPANISH
5	JAPANESE
6	ITALIAN
7	PORTUGUESE
8	SIMP.CHINESE
9	KOREAN
10	TURKISH
11	POLISH
12	RUSSIAN
13	CZECH

Reference

B-SA4T	0 to 6	
B-SX6T	0 to 6	
B-SX8T	0 to 6	
B-850-R	0 to 6	
B-SX4T	0 to 6	
B-SX5T	0 to 6	
B-450-R	0 to 6	
B-462-R	0 to 6	
B-EP2DL-G		
B-EP4DL-G		
B-EP4DL-T		
B-FP2D	0 to 9, 11	
B-FP3D	0 to 4, 6 to 9, 11	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T	B-EX4T1-G/T-QM/CN: C1.3 or later B-EX4T2-G/T-QM/CN: C1.2A or later B-EX4T2-H-QM/CN: C1.1A or later	0 to 11
	B-EX4T1-QM/CN: C1.1A to C1.2 B-EX4T2-G/T-QM/CN: C1.1	0 to 9
	Other than above	0 to 8
B-EX6T	0 to 11	
B-EX4D	B-EX4D2-G/T-QM/CN: D1.2 or later	0 to 11
	B-EX4D2-G/T-QM/CN: D1.1	0 to 9
	Other than above	0 to 8
BA410T/BA420T	0 to 11	
BV410D/BV420D	0 to 11	

Remarks

11.1.9 bcpParamForwardWait (1.3.6.1.4.1.1129.1.2.1.1.4.1.9)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Auto forward feed wait function
Value

0	OFF
1	ON

Remarks

11.1.10 bcpParamFWPosition (1.3.6.1.4.1.1129.1.2.1.1.4.1.10)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Auto forward feed stop position fine adjustment
Value -50 to +50 (0.1mm)
Remarks

11.1.11 bcpParamHUCutRwd (1.3.6.1.4.1.1129.1.2.1.1.4.1.11)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Head-up action in the cut mode
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	OFF
1	ON

Remarks As for BX420, BX430 and BX620, the head-up action is not performed since no solenoid module is provided.
As for BX410 and BX620, the head-up action is not performed if no optional solenoid module is installed.

Reference

B-SA4T	0
B-SX6T	0 to 1
B-SX8T	0 to 1
B-850-R	0
B-SX4T	0 to 1
B-SX5T	0 to 1
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0
BV410D/BV420D	0

Remarks

11.1.12 bcpParamSolenoid (1.3.6.1.4.1.1129.1.2.1.1.4.1.12)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Type of the installed solenoid
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

0	NONE
1	TYPE1
2	TYPE2

Reference

B-SA4T	0
B-SX6T	1
B-SX8T	1
B-850-R	0
B-SX4T	1 to 2
B-SX5T	1 to 2
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	2
B-EX6T	2
B-EX4D	2
BA410T/BA420T	0
BV410D/BV420D	0

11.1.13 bcpParamRibbonSave (1.3.6.1.4.1.1129.1.2.1.1.4.1.13)

Data type Integer32

Read/Write read-write

Update timing When setting changed

Description Ribbon save parameter setting

Value

0	OFF
1	ON (LABEL)
2	ON (TAG)
3	ON (LABEL2)
4	ON (TAG2)

Remarks As for BX420, BX430 and BX620, there is no ribbon saving function as no solenoid module is provided. Accordingly, if “1” (ON (LABEL)) or “2” (ON (TAG)) is selected, the setting will be automatically changed to “0” (OFF) and the printer behaves in the same manner as “0” (OFF).

Reference

0	OFF
1	Other than B-EX: ON B-EX: ON (LABEL)
2	B-EX: ON (TAG)
3	B-EX: ON (LABEL2)
4	B-EX: ON (TAG2)

B-SA4T	0	
B-SX6T	0 to 1	
B-SX8T	0 to 1	
B-850-R	0	
B-SX4T	0 to 1	
B-SX5T	0 to 1	
B-450-R	0	
B-462-R	0	
B-EP2DL-G		
B-EP4DL-G		
B-EP4DL-T		
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T	B-EX4T1-TS25-R	0 to 4
	Other than above	0 to 2
B-EX6T	0 to 2 * Even if “1” is selected, the printer behaves in the same manner as “2”.	
B-EX4D	0 to 2	
BA410T/BA420T	0	
BV410D/BV420D	0	

Remarks

11.1.14 bcpParamCode (1.3.6.1.4.1.1129.1.2.1.1.4.1.14)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Control code type
Value

0	AUTO
1	ESC LF NUL
2	{|}
3	Manually set
4	IBM Host
5	IBM Host US

Remarks

11.1.15 bcpParamCodeSet1 (1.3.6.1.4.1.1129.1.2.1.1.4.1.15)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description 1st byte of the manually set control code
Value 0 (00h) to 255 (FFh)
Remarks

11.1.16 bcpParamCodeSet2 (1.3.6.1.4.1.1129.1.2.1.1.4.1.16)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description 2nd byte of the manually set control code
Value 0 (00h) to 255 (FFh)
Remarks

11.1.17 bcpParamCodeSet3 (1.3.6.1.4.1.1129.1.2.1.1.4.1.17)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description 3rd byte of the manually set control code
Value 0 (00h) to 255 (FFh)
Remarks

11.1.18 bcpParamPeelOffStatus (1.3.6.1.4.1.1129.1.2.1.1.4.1.18)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Peel-off waiting status
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	OFF
1	ON

Reference

B-SA4T	0 to 1
B-SX6T	0 to 1
B-SX8T	0 to 1
B-850-R	0
B-SX4T	0 to 1
B-SX5T	0 to 1
B-450-R	0 to 1
B-462-R	0 to 1
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 1
BV410D/BV420D	0 to 1

11.1.19 bcpParamFeedKey (1.3.6.1.4.1.1129.1.2.1.1.4.1.19)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description FEED key function
Value

0	FEED
1	PRINT

Remarks

11.1.20 bcpParamKanji (1.3.6.1.4.1.1129.1.2.1.1.4.1.20)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Kanji code type
Value

0	TYPE1
1	TYPE2

Remarks

11.1.21 bcpParamEuroCode (1.3.6.1.4.1.1129.1.2.1.1.4.1.21)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Euro font code
Value 32 to 255 (0x20 to 0xFF)

11.1.22 bcpParamAutoHDChk (1.3.6.1.4.1.1129.1.2.1.1.4.1.22)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Automatic print head broken element check
Value

0	OFF
1	ON

Remarks

11.1.23 bcpParamAckBusy (1.3.6.1.4.1.1129.1.2.1.1.4.1.23)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Centronics ACK/BUSY timing
Value

0	TYPE1
1	TYPE2

Remarks

11.1.24 bcpParamWebPrinter (1.3.6.1.4.1.1129.1.2.1.1.4.1.24)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description WEB printer function setting
Value

0	OFF
1	ON
2	ON (using external memory) BX400/BX600: Not supported

Remarks This setting is applied after rebooting the printer.

11.1.25 bcpParamInputPrime (1.3.6.1.4.1.1129.1.2.1.1.4.1.25)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Reset operation when nInit signal is ON
Value

0	OFF
1	ON

Remarks A-BRID is not supported.

11.1.26 bcpParamRibbonNearEnd (1.3.6.1.4.1.1129.1.2.1.1.4.1.26)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Ribbon near end setting
Value

0	OFF
1	30m
2	70m

Remarks

11.1.27 bcpParamExpIOMode (1.3.6.1.4.1.1129.1.2.1.1.4.1.27)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Expansion I/O interface type
Value

0	Standard
1	Inline

Remarks

11.1.28 bcpParamCentroMode (1.3.6.1.4.1.1129.1.2.1.1.4.1.28)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Centronics interface operating mode
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

0	SPP
1	EPP

Remarks BX400/BX600: Not supported

Reference

B-SA4T	0
B-SX6T	0
B-SX8T	0
B-850-R	0
B-SX4T	0 to 1
B-SX5T	0 to 1
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0
B-EX6T	0
B-EX4D	0
BA410T/BA420T	0
BV410D/BV420D	0

11.1.29 bcpParamPlugPlay (1.3.6.1.4.1.1129.1.2.1.1.4.1.29)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Plug & Play
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

11.1.30 bcpParamLblRbnEnd (1.3.6.1.4.1.1129.1.2.1.1.4.1.30)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Label end/ribbon end processing
Value

0	TYPE1
1	TYPE2

Remarks

11.1.31 bcpParamPrePeelOff (1.3.6.1.4.1.1129.1.2.1.1.4.1.31)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Pre-peel off function
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	OFF
1	ON

Reference

B-SA4T	0 to 1
B-SX6T	0 to 1
B-SX8T	0 to 1
B-850-R	0
B-SX4T	0 to 1
B-SX5T	0 to 1
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 1
BV410D/BV420D	0 to 1

11.1.32 bcpParamBackSpeed (1.3.6.1.4.1.1129.1.2.1.1.4.1.32)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Reverse feed speed
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	2 ips
1	3 ips

Reference

B-SA4T	0 to 1
B-SX6T	0 to 1
B-SX8T	0 to 1
B-850-R	0
B-SX4T	0 to 1
B-SX5T	0 to 1
B-450-R	0 to 1
B-462-R	0 to 1
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 1
BV410D/BV420D	0 to 1

11.1.33 bcpParamMaxiCodeSpec (1.3.6.1.4.1.1129.1.2.1.1.4.1.33)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description MaxiCode specification
Value

0	TYPE1
1	TYPE2

Remarks

11.1.34 bcpParamRibbonKind (1.3.6.1.4.1.1129.1.2.1.1.4.1.34)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Ribbon type
Value

BX410/BX420/BX430	0
BX610/BX620	0

0	TRANS
1	NON TRANS

Reference

B-SA4T	0
B-SX6T	0 to 1
B-SX8T	0 to 1
B-850-R	0
B-SX4T	0 to 1
B-SX5T	0 to 1
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0
B-EX6T	0
B-EX4D	0
BA410T/BA420T	0
BV410D/BV420D	0

11.1.35 bcpParamPaperSelect (1.3.6.1.4.1.1129.1.2.1.1.4.1.35)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Media sensor selection
Value

BX410/BX420/BX430	0
BX610/BX620	0

0	CENTER
1	EDGE

Reference

B-SA4T	0
B-SX6T	0 to 1
B-SX8T	0 to 1
B-850-R	0
B-SX4T	0 to 1
B-SX5T	0 to 1
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0
B-EX6T	0
B-EX4D	0
BA410T/BA420T	0
BV410D/BV420D	0

11.1.36 bcpParamMoterTorqueSpec (1.3.6.1.4.1.1129.1.2.1.1.4.1.36)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Peel-off motor torque selection
Value

BX410/BX420/BX430	0 (always)
BX610/BX620	0 (always)

0	Rank 0
1	Rank 1
2	Rank 2
3	Rank 3

Reference

B-SA4T	0 to 3
B-SX6T	0 to 3
B-SX8T	0 to 3
B-850-R	0 to 3
B-SX4T	0
B-SX5T	0
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0
B-EX6T	0
B-EX4D	0
BA410T/BA420T	0 to 3
BV410D/BV420D	N/A

11.1.37 bcpParamRtcBatteryCheck (1.3.6.1.4.1.1129.1.2.1.1.4.1.37)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description RTC low battery check
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	OFF
1	ON

Reference

B-SA4T	0 to 1
B-SX6T	0 to 1
B-SX8T	0 to 1
B-850-R	0 to 1
B-SX4T	0
B-SX5T	0
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	0 to 1
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 1
BV410D/BV420D	N/A

11.1.38 bcpParamRtcDataRenewal (1.3.6.1.4.1.1129.1.2.1.1.4.1.38)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description RTC data update timing
Value

BX410/BX420/BX430	0, 1, 2
BX610/BX620	0, 1, 2

0	BATCH (Start of JOB)
1	PAGE (Every PAGE)
2	1 min Batch

Reference

0	B-EX4T1-G/T-QM/CN: C1.3 or later	Start of JOB
	Other than above	BATCH
1	B-EX4T1-G/T-QM/CN: C1.3 or later	Every PAGE
	Other than above	PAGE
2	1 min BATCH	

B-SA4T	0 to 1	
B-SX6T	0 to 1	
B-SX8T	0 to 1	
B-850-R	0 to 1	
B-SX4T	0	
B-SX5T	0	
B-450-R	0	
B-462-R	0	
B-EP2DL-G		
B-EP4DL-G		
B-EP4DL-T		
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	0 to 1	
B-EX4T	B-EX4T1-G/T-QM/CN: C1.3 or later	0 to 2
	Other than above	0 to 1
B-EX6T	0 to 1	
B-EX4D	0 to 1	
BA410T/BA420T	0 to 1	
BV410D/BV420D	N/A	

11.1.39 bcpParamStabilizerSpec (1.3.6.1.4.1.1129.1.2.1.1.4.1.39)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Use of the stabilizer
Value

BX410/BX420/BX430	1 (always)
BX610/BX620	1 (always)

0	Yes
1	No

Reference

B-SA4T	1
B-SX6T	0 to 1
B-SX8T	0 to 1
B-850-R	0
B-SX4T	1
B-SX5T	1
B-450-R	1
B-462-R	1
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	1
B-EX6T	1
B-EX4D	1
BA410T/BA420T	1
BV410D/BV420D	1

11.1.40 bcpParamXML (1.3.6.1.4.1.1129.1.2.1.1.4.1.40)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description XML data type
Value

BX410/BX420/BX430	0 to 3 (17 to 19: Not supported in the A-BRID first version)
BX610/BX620	0 to 3 (17 to 19: Not supported in the A-BRID first version)

* 17 to 19: Not supported in the A-BRID 1st version

0	Disabled
1	Standard
2	Oracle
3	SAP
17	Standard (Using external memory)
18	Oracle (Using external memory)
19	SAP (Using external memory)

Remarks The setting value conforms to the Parameter Set Command value.
Standard (using external memory) 17=0x11
Oracle (using external memory) 18=0x12
SAP (using external memory) 19=0x13

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	0 to 2
B-FP3D	0 to 2
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 3,17 to 19
B-EX6T	0 to 3,17 to 19
B-EX4D	0 to 3,17 to 19
BA410T/BA420T	0 to 3, 17 to 19 are not supported.
BV410D/BV420D	0 to 3, 17 to 19 are not supported.

11.1.41 bcpParamThresholdSelectReflect (1.3.6.1.4.1.1129.1.2.1.1.4.1.41)

Data type Integer32

Read/Write read-write

Update timing When setting changed

Description Threshold value selection (Reflective sensor)

Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

* This setting is not supported from the BA400 series.

0	Command
1	Manual

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1 * For B-EX4T3-H, add 2 to 5 (manual threshold 2 to 5 priority).
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	N/A
BV410D/BV420D	N/A

Remarks

11.1.42 bcpParamThresholdSelectTrans (1.3.6.1.4.1.1129.1.2.1.1.4.1.42)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Threshold value selection (Transmissive sensor)
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

* This setting is not supported from the BA400 series.

0	Command
1	Manual

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1 * For B-EX4T3-H, add 2 to 5 (manual threshold 2 to 5 priority).
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	N/A
BV410D/BV420D	N/A

Remarks

11.1.43 bcpParamSettingSupplyType (1.3.6.1.4.1.1129.1.2.1.1.4.1.43)

The bcpParamSettingSUpplyType group manages the energy level applied to the print head and supports the following objects.

- bcpParamSupplyTypeDirectThermal (1)
- bcpParamSupplyTypeThermalTransfer (2)

11.1.44 bcpParamSupplyTypeDirectThermal (1.3.6.1.4.1.1129.1.2.1.1.4.1.43.1)

Data type Integer32

Read/Write read-write

Update timing When setting changed

Description Print head energy level for thermal direct printing

Value

BX410/BX420/BX430	0 to 9
BX610/BX620	0 to 9

The supply type corresponding to each model is as below.

BX410 (200 dpi)

No	Direct thermal					
	Default				Destination	
	JA	QM	QQ	CN	Japan	Other than Japan
0	*	*	*	*	Standard	Normal
1					-	-
2					-	-
3					-	-
4					-	-
5					-	-
6					-	-
7					-	-
8					-	-
9					-	-

BX410 (305 dpi)

No	Direct thermal					
	Default				Destination	
	JA	QM	QQ	CN	Japan	Other than Japan
0	*	*	*	*	Standard	Normal
1					-	-
2					-	-
3					-	-
4					-	-
5					-	-
6					-	-
7					-	-
8					-	-
9					-	-

BX420 (200 dpi, 300 dpi)

No	Direct thermal					
	Default				Destination	
	JA	QM	QQ	CN	Japan	Other than Japan
0	*	*	*	*	Standard	NORM: Normal
1					-	-
2					-	-
3					-	-
4					-	-
5					-	-
6					-	-
7					-	-
8					-	-
9					-	-

BX430 (600 dpi)

No	Direct thermal					
	Default				Destination	
	JA	QM	QQ	CN	Japan	Other than Japan
0	*	*	*	*	Standard	NORM: Normal
1					-	-
2					-	-
3					-	-
4					-	-
5					-	-
6					-	-
7					-	-
8					-	-
9					-	-

BX610, BX620 (200 dpi, 305 dpi)

No	Direct thermal					
	Default				Destination	
	JA	QM	QQ	CN	Japan	Other than Japan
0	*	*	*	*	Standard	Normal
1					-	-
2					-	-
3					-	-
4					-	-
5					-	-
6					-	-
7					-	-
8					-	-
9					-	-

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 9
B-EX6T	0 to 9
B-EX4D	0 to 9
BA410T/BA420T	0 to 9
BV410D/BV420D	0 to 9

11.1.45 bcpParamSupplyTypeThermalTransfer (1.3.6.1.4.1.1129.1.2.1.1.4.1.43.2)

Data type Integer32

Read/Write read-write

Update timing When setting changed

Description Print head energy level for thermal transfer printing

Value

BX410/BX420/BX430	0 to 9
BX610/BX620	0 to 9

The supply type corresponding to each model is as below.

BX410 (200 dpi)

No	Thermal transfer					
	Default				Destination	
	JA	QM	QQ	CN	Japan	Other than Japan
0	*	*	*	*	Semi Resin1	Semi Resin1
1					Semi Resin2	Semi Resin2
2					Resin1	Resin1
3					Resin2	Resin2
4					Resin3	Resin3
5					Generic	Generic
6					-	-
7					-	-
8					-	-
9					-	-

BX410 (305 dpi)

No	Thermal transfer					
	Default				Destination	
	JA	QM	QQ	CN	Japan	Other than Japan
0	*	*	*	*	Semi Resin1	Semi Resin1
1					Semi Resin2	Semi Resin2
2					Resin1	Resin1
3					Resin2	Resin2
4					-	Resin3
5					-	Generic
6					-	Care Label
7					-	-
8					-	-
9					-	-

BX420 (200 dpi, 300 dpi)

No	Thermal transfer					
	Default				Destination	
	JA	QM	QQ	CN	Japan	Other than Japan
0	*	*	*		Wax1	Wax1
1					Wax2	Wax2
2				*	Semi Resin1	Semi Resin1
3					Semi Resin2	Semi Resin2
4					Resin1	Resin1
5					Wax1	Wax1
6					Semi Resign3	Semi Resign3
7					Resign2	Resign2
8					Generic	Generic
9					-	-

BX430 (600 dpi)

No	Thermal transfer					
	Default				Destination	
	JA	QM	QQ	CN	Japan	Other than Japan
0	*	*	*	*	Resin1	Resin1
1					Resin2	Resin2
2					Resin3	Resin3
3					Resin4	Resin4
4					Resin5	Resin5
5					-	Care Label-
6					-	-
7					-	-
8					-	-
9					-	-

BX610, BX620 (200 dpi, 305 dpi)

No	Thermal transfer					
	Default				Destination	
	JA	QM	QQ	CN	Japan	Other than Japan
0	*	*	*	*	Standard	Normal
1					-	-
2					-	-
3					-	-
4					-	-
5					-	-
6					-	-
7					-	-
8					-	-
9					-	-

Reference

	B-EX4T1-TS25-R	B-EX4T1-G/T-QM/CN (C1.4 or before)	B-EX4T1-G/T-QM/CN (C1.5 or later)	B-EX4T2-G/T (C1.0C or before) B-EX6T2-G/T
0	Semi resin1	Semi resin 1	Semi resin 1	Wax1
1	Semi resin2	Semi resin 2	Semi resin 2	Wax2
2	Resin1	Resin1	Resin1	Semi resin1
3	Resin2	Resin2	Resin2	Semi resin2
4	Reserve1	Resin3 (*1)	Resin3 (*1)	Resin1
5	Reserve2	Reserve1	SX compatible (*2)	Reserve1
6	Reserve3	Reserve2	Reserve1	Reserve2
7	Reserve4	Reserve3	Reserve2	Reserve3
8	Reserve5	Reserve4	Reserve3	Reserve4
9	Reserve6	Reserve5	Reserve4	Reserve5

	B-EX4T2-G/T (C1.0D)	B-EX4T2-G/T (C1.0E to C1.2)	B-EX4T2-G/T (C1.3 or later)	B-EX4T2-H (C1.0F or before)
0	Wax1	Wax1	Wax1	Resin1
1	Wax2	Wax2	Wax2	Resin2
2	Semi resin1	Semi resin1	Semi resin1	Reserve1
3	Semi resin2	Semi resin2	Semi resin2	Reserve2
4	Resin1	Resin1	Resin1	Reserve3
5	Wax3	Wax3	Wax3	Reserve4
6	Semi resin3	Semi resin3	Semi resin3	Reserve5
7	Reserve1	Resin2	Resin2	Reserve6
8	Reserve2	Reserve1	Multiple type	Reserve7
9	Reserve3	Reserve2	Reserve1	Reserve8

	B-EX4T2-H (C1.1A or later)	B-EX4D2-G/T	B-EX4T3-H	B-EX6T1-G/T B-EX6T3-G/T
0	Resin1	Wax1	Resin1	Standard
1	Resin2	Wax2	Resin2	Reserve1
2	Resin3	Semi resin1	Resin3	Reserve2
3	Reserve1	Semi resin2	Semi resin1	Reserve3
4	Reserve2	Resin1	Semi resin2	Reserve4
5	Reserve3	Wax3	Reserve1	Reserve5
6	Reserve4	Semi resin3	Reserve2	Reserve6
7	Reserve5	Resin2	Reserve3	Reserve7
8	Reserve6	Reserve1	Reserve4	Reserve8
9	Reserve7	Reserve2	Reserve5	Reserve9

*1: Resin3 is unusable on B-EX4T1-T-QM/CN.

*2: “SX compatible” is a setting for securing the print quality equivalent to that of B-SX, but it is not supported by the print speed of 10 ips or faster. If 10 ips or faster print speed is specified, the printer operation is not guaranteed. For details, refer to the Supply Specification for B-EX4T1.

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 9
B-EX6T	0 to 9
B-EX4D	0 to 9
BA410T/BA420T	0 to 9
BV410D/BV420D	N/A

Remarks

11.1.46 bcpParamPowerSaveTime (1.3.6.1.4.1.1129.1.2.1.1.4.1.44)

Data type Integer32

Read/Write read-write

Update timing When setting changed

Description Length of time until the printer enters the sleep mode

Value

BX410/BX420	1 to 120
BX430	1 to 60
BX610/BX620	1 to 120

Remarks

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	0 to 30
B-FP3D	0 to 30
B-EV4	N/A
B-FV4	N/A
B-EX4T	1 to 240
B-EX6T	1 to 240
B-EX4D	1 to 240
BA410T/BA420T	1 to 240
BV410D/BV420D	1 to 240

11.1.47 bcpParamLCDDispMachineName (1.3.6.1.4.1.1129.1.2.1.1.4.1.45)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Whether to display the model name on the LCD in online mode
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	Hidden
1	Displayed

Remarks

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 1
BV410D/BV420D	0 to 1

11.1.48 bcpParamLCDDispPrintPage (1.3.6.1.4.1.1129.1.2.1.1.4.1.46)

Data type Integer32

Read/Write read-write

Update timing When setting changed

Description Whether to display the number of labels printed

Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	Hidden
1	Displayed

Remarks

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 1
BV410D/BV420D	0 to 1

11.1.49 bcpParamLCDDisplPaddress (1.3.6.1.4.1.1129.1.2.1.1.4.1.47)

Data type Integer32

Read/Write read-write

Update timing When setting changed

Description Whether to display the IP address on the LCD in online mode

Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	Hidden
1	Displayed

Remarks

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 1
BV410D/BV420D	0 to 1

Remarks

11.1.50 bcpParamPrintWaitingAction (1.3.6.1.4.1.1129.1.2.1.1.4.1.48)

Data type Integer32

Read/Write read-write

Update timing When setting changed

Description Selection of printer stand-by mode

Value

0	MODE1
1	MODE2
2	MODE3

Remarks

Reference

B-SA4T	N/A	
B-SX6T	N/A	
B-SX8T	N/A	
B-850-R	N/A	
B-SX4T	N/A	
B-SX5T	N/A	
B-450-R	N/A	
B-462-R	N/A	
B-EP2DL-G	N/A	
B-EP4DL-G	N/A	
B-EP4DL-T	N/A	
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T	0 to 2	B-EX4T1-G/T-QM/CN: C1.2 or later B-EX4T1-TS25-R: V2.1 or later
	0 to 1	Other than above
B-EX6T	0 to 2	
B-EX4D	0 to 1	
BA410T/BA420T	0 to 2 * When 1 or 2 is set, it is automatically set to 0	
BV410D/BV420D	0 to 2 * When 1 or 2 is set, it is automatically set to 0	

Remarks

11.1.51 bcpParamUSBStatusResponse (1.3.6.1.4.1.1129.1.2.1.1.4.1.49)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Status transmission via USB
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	OFF
1	ON

Remarks

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	0 to 1
B-FP3D	0 to 1
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 1
BV410D/BV420D	0 to 1

Remarks

11.1.52 bcpParamLCDDispContrast (1.3.6.1.4.1.1129.1.2.1.1.4.1.50)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description LCD contrast adjustment
Value

BX410/BX420/BX430	1 to 3
BX610/BX620	1 to 3

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	0 to 1
B-FP3D	0 to 1
B-EV4	N/A
B-FV4	N/A
B-EX4T	24 to 50 (2 steps) * Odd number is rounded down to the nearest even number.
B-EX6T	24 to 50 (2 steps) * Odd number is rounded down to the nearest even number.
B-EX4D	24 to 50 (2 steps) * Odd number is rounded down to the nearest even number.
BA410T/BA420T	24 to 50 (2 steps) * Odd number is rounded down to the nearest even number.
BV410D/BV420D	24 to 50 (2 steps) * Odd number is rounded down to the nearest even number.

Remarks

11.1.53 bcpParamSettingPassword (1.3.6.1.4.1.1129.1.2.1.1.4.1.51)

Data type Integer32
Read/Write read-only
Update timing When setting changed
Description Password setting
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	OFF
1	ON

Remarks

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	0 to 1
B-FP3D	0 to 1
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 1
BV410D/BV420D	0 to 1

Remarks

11.1.54 bcpParamUSBSerialID (1.3.6.1.4.1.1129.1.2.1.1.4.1.52)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description USB serial number
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	OFF
1	ON

Remarks

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	0 to 1
B-FP3D	0 to 1
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 1
BV410D/BV420D	0 to 1

Remarks

11.1.55 bcpParamAutoCalib (1.3.6.1.4.1.1129.1.2.1.1.4.1.54)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Auto calibration
Value

BX410/BX420/BX430	0 to 6
BX610/BX620	0 to 6

0	Disabled
1	Enabled (Transmissive sensor)
2	Enabled (Reflective sensor)
3	Enabled (Transmissive & reflective sensors)
4	Enabled (Transmissive sensor) with back feed enabled
5	Enabled (Reflective sensor) with back feed enabled
6	Enabled (Transmissive & reflective sensors) with back feed enabled

Remarks As for BX420, BX430 and BX620, the head-up action is not performed since no solenoid module is provided.
If labels are fed backward without the print head raised, the print head edge may contact and remove a label. Accordingly, if the automatic calibration setting is set to any of “1” to “6”, the setting will be automatically changed to “0”. For this reason, a backward feeding with the print head raised is disabled.

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 6
B-EX6T	0 to 6
B-EX4D	0 to 6
BA410T/BA420T	0 to 6
BV410D/BV420D	0 to 6

11.1.56 bcpParamMediaLoad (1.3.6.1.4.1.1129.1.2.1.1.4.1.55)

Data type Integer32

Read/Write read-write

Update timing When setting changed

Description Printer behavior in home position detection

Value

BX410/BX420/BX430	0 to 3
BX610/BX620	0 to 3

0	Disabled
1	Standard
2	Economy (No back feed)
3	Economy (Back feed enabled)

Remarks As for BX420, BX430 and BX620, the head-up action is not performed since no solenoid module is provided.
If labels are fed backward without the print head raised, the print head edge may contact and remove a label. If the home position detection setting is set to “3” (Economy (Back feed enabled)), the setting will be automatically changed to “2” “Economy (No back feed)). For this reason, a backward feeding with the print head raised is disabled.

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 3
B-EX6T	0 to 3
B-EX4D	0 to 3
BA410T/BA420T	0 to 3
BV410D/BV420D	0 to 3

11.1.57 bcpParamTypeOfRibbon (1.3.6.1.4.1.1129.1.2.1.1.4.1.56)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Ribbon type (Outside wound/Inside wound)
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	Outside wound ribbon
1	Inside wound ribbon

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1 * Only for Type2
B-EX6T	N/A
B-EX4D	0 to 1 * Only for Type2
BA410T/BA420T	0
BV410D/BV420D	N/A

11.1.58 bcpParamRibbonWidth (1.3.6.1.4.1.1129.1.2.1.1.4.1.57)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Ribbon width (Type1/Type2)
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	Type 1
1	Type 2

Reference

B-SA4T	N/A	
B-SX6T	N/A	
B-SX8T	N/A	
B-850-R	N/A	
B-SX4T	N/A	
B-SX5T	N/A	
B-450-R	N/A	
B-462-R	N/A	
B-EP2DL-G	N/A	
B-EP4DL-G	N/A	
B-EP4DL-T	N/A	
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T	0 to 1	B-EX4T1-G/T-QM/CN: C1.2 or later B-EX4T2-G/T-QM/CN: C1.2 or later B-EX4T2-H-QM/CN: C1.1A or later
	N/A	Other than above
B-EX6T	0 to 6	
B-EX4D	0 to 1	B-EX4D2-G/T-QM/CN: D1.1 or later
	N/A	Other than above
BA410T/BA420T	N/A	
BV410D/BV420D	N/A	

11.1.59 bcpParamBackfeedRestrict (1.3.6.1.4.1.1129.1.2.1.1.4.1.58)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of backward feeding limitation
Value

0	ON
1	OFF

Remarks BX400/BX600: Not supported

11.1.60 bcpParamChargeMode (1.3.6.1.4.1.1129.1.2.1.1.4.1.59)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Charge mode
Value

0	NORMAL
1	LOW

Remarks BX400/BX600: Not supported

11.1.61 bcpParamCoverCloseFeed (1.3.6.1.4.1.1129.1.2.1.1.4.1.60)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of Feed Check (paper top feed after cover close)
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

11.1.62 bcpParamCoverCloseHdChk (1.3.6.1.4.1.1129.1.2.1.1.4.1.61)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of Auto Head CHK (Head dots check after cover close)
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

11.1.63 bcpParamErrorPowerOff (1.3.6.1.4.1.1129.1.2.1.1.4.1.62)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of Error Power Off (Auto power off at error state)
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

11.1.64 bcpParamHdErrorPrint (1.3.6.1.4.1.1129.1.2.1.1.4.1.63)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Setting of Head Error PRT
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

11.1.65 bcpParamHeadDiv (1.3.6.1.4.1.1129.1.2.1.1.4.1.64)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of Head DIV
Value

0	AUTO
3	AUTO1

Remarks BX400/BX600: Not supported

11.1.66 bcpParamHeadDivCommand (1.3.6.1.4.1.1129.1.2.1.1.4.1.65)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of Head DIV CMD (AY command application)
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

11.1.67 bcpParamLCDOffTime (1.3.6.1.4.1.1129.1.2.1.1.4.1.66)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of LCD Off (auto LCD off time)
Value 0 to 30 (sec.)
Remarks BX400/BX600: Not supported

11.1.68 bcpParamLinerless (1.3.6.1.4.1.1129.1.2.1.1.4.1.67)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of Linerless
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

11.1.69 bcpParamPaperStopPos (1.3.6.1.4.1.1129.1.2.1.1.4.1.68)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of Stop Position
Value

0	CUT
1	HEAD

Remarks BX400/BX600: Not supported

11.1.70 bcpParamPCLMode (1.3.6.1.4.1.1129.1.2.1.1.4.1.69)

Data type Integer32
Read/Write read-write
Update timing As needed
Description Setting of CMD Setting
Value

1	ESC/POS
2	TPCL
3	TPCL1
4	LABEL
5	C MODE
6	Z MODE
7	RECEIPT *Only B-FP2D supported, BX400/BX600 not supported
8	RECEIPT1 *Only B-FP2D supported, BX400/BX600 not supported
9	S MODE *Only B-FP2D supported, BX400/BX600 not supported

Remarks BX400/BX600: Not supported

11.1.71 bcpParamPeeloffBackfeed (1.3.6.1.4.1.1129.1.2.1.1.4.1.70)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of the backward feeding in the peel-off mode
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

11.1.72 bcpParamPowerOffTime (1.3.6.1.4.1.1129.1.2.1.1.4.1.72)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Setting of AutoOff
Value 0 to 300 (min.)
Remarks BX400/BX600: Not supported

11.1.73 bcpParamPrinterID (1.3.6.1.4.1.1129.1.2.1.1.4.1.73)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Printer ID
Value 0 to 65535
Remarks BX400/BX600: Not supported

11.1.74 bcpParamPrintType (1.3.6.1.4.1.1129.1.2.1.1.4.1.74)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of Print Type
Value

0	AUTO
1	BATCH
2	PEEL-OFF

Remarks BX400/BX600: Not supported

11.1.75 bcpParamBTDeviceAddress (1.3.6.1.4.1.1129.1.2.1.1.4.1.75)

Data type String12
Read/Write read-only
Update timing When setting changed
Description Bluetooth BD address
Value Depending on each Bluetooth module
Remarks BX400/BX600: Not supported in the 1st version

11.1.76 bcpParamBTInquirySetting (1.3.6.1.4.1.1129.1.2.1.1.4.1.76)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of Search Setting for Bluetooth (Inquiry scan response time)
Value

0	OFF
1	60 SEC
2	EVERY

Remarks BX400/BX600: Not supported in the 1st version

11.1.77 bcpParamBTInquiryTime (1.3.6.1.4.1.1129.1.2.1.1.4.1.77)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of Scan Interval for Bluetooth (Inquiry / page scan interval)
Value 18 to 4096 (0.625 ms)
Remarks BX400/BX600: Not supported in the 1st version

11.1.78 bcpParamBTInquiryWindow (1.3.6.1.4.1.1129.1.2.1.1.4.1.78)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of Scan Window for Bluetooth (Inquiry / page scan window)
Value 18 to 4096 (0.625 ms)
Remarks BX400/BX600: Not supported in the 1st version

11.1.79 bcpParamBTInterfaceSetting (1.3.6.1.4.1.1129.1.2.1.1.4.1.79)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of MODE for Bluetooth
Value

0	OFF
1	SSP
3	AUTO

Remarks BX400/BX600: Not supported in the 1st version

11.1.80 bcpParamBTNickname (1.3.6.1.4.1.1129.1.2.1.1.4.1.80)

Data type String32
Read/Write read-write
Update timing When setting changed
Description Bluetooth Device nickname
Value Alpha-numeric (Max: 32 digits)
Remarks BX400/BX600: Not supported in the 1st version

11.1.81 bcpParamBTSecurityLevel (1.3.6.1.4.1.1129.1.2.1.1.4.1.81)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of Security Level for Bluetooth
Value

0	OFF
1	SSP AUTH Type
3	LINK

Remarks BX400/BX600: Not supported in the 1st version

11.1.82 bcpParamBTSSPType (1.3.6.1.4.1.1129.1.2.1.1.4.1.82)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Setting of SSP AUTH Type for Bluetooth
Value

0	JUST WORKS
1	NUMERIC CMP (NO IN/OUT)
2	NUMERIC CMP (DISPLAY ONLY)
3	NUMERIC CMP (DISPLAY Y/N)

Remarks BX400/BX600: Not supported in the 1st version

11.1.83 bcpParamBTBonding (1.3.6.1.4.1.1129.1.2.1.1.4.1.83)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Bonding of the setting of Bonding for Bluetooth
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported
This parameter is for the reserved item and not supported.

11.1.84 bcpParamUSBSerialNumber (1.3.6.1.4.1.1129.1.2.1.1.4.1.84)

Data type String12
Read/Write read-only
Update timing Start-up
Description USB Serial Number
Value Depending on each Bluetooth module
Remarks BX400/BX600: Not supported in the 1st version

11.1.85 bcpParamUSBFunctionMode (1.3.6.1.4.1.1129.1.2.1.1.4.1.85)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Setting of USB function mode.
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported
This parameter is for the reserved item and not supported.

11.1.86 bcpParamParameterName (1.3.6.1.4.1.1129.1.2.1.1.4.1.86)

Data type	String32
Read/Write	read-write
Update timing	Start-up
Description	Printer parameter name (Roll name)
Value	Alphanumeric (Max: 32 digits)
Remarks	BX400/BX600: Not supported This parameter is for the reserved item and not supported.

11.1.87 bcpParamModelName (1.3.6.1.4.1.1129.1.2.1.1.4.1.87)

Data type	String20
Read/Write	read-write
Update timing	Start-up
Description	Printer model name
Value	Alphanumeric (Max: 20 digits)
Remarks	BX400/BX600: Not supported This parameter is for the reserved item and not supported.

11.1.88 bcpParamBeep (1.3.6.1.4.1.1129.1.2.1.1.4.1.88)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Setting of BEEP sounds or not at turn ON, turn OFF, and error occurred.

Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

11.1.89 bcpParamBSPMode (1.3.6.1.4.1.1129.1.2.1.1.4.1.89)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Setting of B-SP compatible mode.

Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported
This setting is ignored unless bcpParamBEPMode (1.3.6.1.4.1.1129.1.2.1.1.4.1.90) setting is ON.

11.1.90 bcpParamBEPMode (1.3.6.1.4.1.1129.1.2.1.1.4.1.90)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Setting of the B-EP compatible mode.

Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

11.1.91 bcpParamKanjiFont (1.3.6.1.4.1.1129.1.2.1.1.4.1.91)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Setting of Font used for Kanji printing.
Value

0	JIS X0213 (Use DBCS4)
1	JIS X0208 (Use DBCS1)

Remarks BX400/BX600: Not supported

11.1.92 bcpParamBatteryCheck (1.3.6.1.4.1.1129.1.2.1.1.4.1.92)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Setting of Battery deterioration checks.
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

11.1.93 bcpParamBTAutoConnect (1.3.6.1.4.1.1129.1.2.1.1.4.1.93)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Setting of Auto re-connection for Bluetooth.
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

11.1.94 bcpParamPlatenAlertEntry (1.3.6.1.4.1.1129.1.2.1.1.4.1.94)

bcpParamPlatenAlertEntry group manages supports the following objects.

- bcpParamPlatenNearAlertDistance (1)
- bcpParamPlatenAlertDistance (2)

11.1.94.1	**bcpParamPlatenNearAlertDistance (1.3.6.1.4.1.1129.1.2.1.1.4.1.94.1)**
Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Setting of Feed distance to display an alert near the life of the platen roller.
Value	0 to 3200 (0.1km unit)
Remarks	BX400/BX600: Not supported

11.1.94.2	**bcpParamPlatenAlertDistance (1.3.6.1.4.1.1129.1.2.1.1.4.1.94.2)**
Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Setting of Feed distance to display the life alert of the platen roller.
Value	0 to 3200 (0.1km unit)
Remarks	BX400/BX600: Not supported

11.1.95 bcpParamHeadAlertEntry (1.3.6.1.4.1.1129.1.2.1.1.4.1.95)

bcpParamPlatenAlertEntry group manages supports the following objects.

- bcpParamHeadNearAlertDistance (1)
- bcpParamHeadAlertDistance (2)

11.1.95.1	**bcpParamHeadNearAlertDistance (1.3.6.1.4.1.1129.1.2.1.1.4.1.95.1)**
Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Setting of Print distance to display an alert near the life of the thermal head.
Value	0 to 3200 (0.1km unit)
Remarks	BX400/BX600: Not supported

11.1.95.2	**bcpParamHeadAlertDistance (1.3.6.1.4.1.1129.1.2.1.1.4.1.95.2)**
Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Setting of Print distance to display the life alert of the thermal head.
Value	0 to 3200 (0.1km unit)
Remarks	BX400/BX600: Not supported

11.1.96 bcpParamRewinder (1.3.6.1.4.1.1129.1.2.1.1.4.1.96)

Data type Integer32
Read/Write read-write
Update timing When setting changed
Description Selection of the use of the rewinder
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	OFF
1	ON

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R/B-462-R	N/A
B-EP2DL-G/B-EP4DL-G/ B-EP4DL-T	N/A
B-FP2D/B-FP3D	N/A
B-EV4/B-FV4	N/A
B-EX4T/ B-EX6T/ B-EX4D	N/A
BA410T/BA420T	N/A
BV410D/BV420D	N/A

Remarks

11.2 bcpAdjustEntry (1.3.6.1.4.1.1129.1.2.1.1.4.2)

The bcpAdjustEntry group manages the correction values the printer and supports the following objects.

- bcpAdjustFeed (1)
- bcpAdjustCut (2)
- bcpAdjustBack (3)
- bcpAdjustToneTrans (4)
- bcpAdjustToneDirect (5)
- bcpAdjustRibbonFwd (6)
- bcpAdjustRibbonBack (7)
- bcpAdjustXAdjust (8)
- bcpAdjustThresholdRef (9)
- bcpAdjustThresholdTrans (10)
- bcpAdjustRibbon2Fwd (11)
- bcpAdjustRibbon2Back (12)
- bcpAdjustBacklash1 (13)
- bcpAdjustBacklash2 (14)
- bcpAdjustESCPOSPaperWidth (15)

The following is the difference from the bcpAdjustSetEntry(1.3.6.1.4.1.1129.1.2.1.1.2.4) group.

bcpAdjustSetEntry(1.3.6.1.4.1.1129.1.2.1.1.2.4)	Setting by PC commands
bcpAdjustEntry(1.3.6.1.4.1.1129.1.2.1.1.4.2)	Setting by key operations

11.2.1 bcpAdjustFeed (1.3.6.1.4.1.1129.1.2.1.1.4.2.1)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Feeding amount fine adjustment value
Value	-500 to +500 (0.1mm)

11.2.2 bcpAdjustCut (1.3.6.1.4.1.1129.1.2.1.1.4.2.2)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Cut and peel-off position fine adjustment value
Value	-500 to +500 (0.1mm)
Remarks	

11.2.3 bcpAdjustBack (1.3.6.1.4.1.1129.1.2.1.1.4.2.3)

Data type Integer32

Read/Write read-write

Update timing Start-up

Description Backward feeding amount fine adjustment value

Value

BX410/BX420/BX430	-99 to +99 (0.1 mm)
BX610/BX620	-99 to +99 (0.1 mm)

Reference

B-SA4T	-99 to +99 (0.1 mm)
B-SX6T	-99 to +99 (0.1 mm)
B-SX8T	-99 to +99 (0.1 mm)
B-850-R	-99 to +99 (0.1 mm)
B-SX4T	N/A
B-SX5T	-95 to +95 (0.1 mm)
B-450-R	-99 to +99 (0.1 mm)
B-462-R	-99 to +99 (0.1 mm)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	-99 to +99 (0.1 mm)
B-FV4	-99 to +99 (0.1 mm)
B-EX4T	-99 to +99 (0.1 mm)
B-EX6T	-99 to +99 (0.1 mm)
B-EX4D	-99 to +99 (0.1 mm)
BA410T/BA420T	-99 to +99 (0.1 mm)
BV410D/BV420D	-99 to +99 (0.1 mm)

11.2.4 bcpAdjustToneTrans (1.3.6.1.4.1.1129.1.2.1.1.4.2.4)

Data type Integer32

Read/Write read-write

Update timing Start-up

Description Print tone fine adjustment value (thermal transfer)

Value

BX410/BX420/BX430	-20 to +10 (step)
BX610/BX620	-20 to +20 (step)

Reference

B-SA4T	-10 to +10 (step)
B-SX6T	-10 to +10 (step)
B-SX8T	-10 to +10 (step)
B-850-R	-10 to +10 (step)
B-SX4T	-10 to +10 (step)
B-SX5T	-10 to +10 (step)
B-450-R	-10 to +10 (step)
B-462-R	-10 to +10 (step)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	-10 to +10 (step)
B-EX4T	-20 to +10 (step)
B-EX6T	-20 to +20 (step)
B-EX4D	-20 to +10 (step)
BA410T/BA420T	-10 to +10 (step)
BV410D/BV420D	N/A

11.2.5 bcpAdjustToneDirect (1.3.6.1.4.1.1129.1.2.1.1.4.2.5)

Data type Integer32

Read/Write read-write

Update timing Start-up

Description Print tone fine adjustment value (thermal direct)

Value

BX410/BX420/BX430	-20 to +10 (step)
BX610/BX620	-20 to +20 (step)

Reference

B-SA4T	-10 to +10 (step)
B-SX6T	-10 to +10 (step)
B-SX8T	-10 to +10 (step)
B-850-R	-10 to +10 (step)
B-SX4T	-10 to +10 (step)
B-SX5T	-10 to +10 (step)
B-450-R	-10 to +10 (step)
B-462-R	-10 to +10 (step)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	-30 to +30 (step)
B-FP3D	-30 to +30 (step)
B-EV4	N/A
B-FV4	-10 to +10 (step)
B-EX4T	-20 to +10 (step)
B-EX6T	-20 to +20 (step)
B-EX4D	-20 to +10 (step)
BA410T/BA420T	-10 to +10 (step)
BV410D/BV420D	-10 to +10 (step)

11.2.6 bcpAdjustRibbonFwd (1.3.6.1.4.1.1129.1.2.1.1.4.2.6)

Data type Integer32

Read/Write read-write

Update timing Start-up

Description Ribbon take-up motor drive voltage fine adjustment value

Value

BX410/BX420/BX430	-15 to +10 (step)
BX610/BX620	-15 to +10 (step)

Reference

B-SA4T	-15 to +0 (step)
B-SX6T	-15 to +0 (step)
B-SX8T	-15 to +0 (step)
B-850-R	-15 to +6 (step)
B-SX4T	-15 to +6 (step)
B-SX5T	-15 to +0 (step)
B-450-R	-15 to +0 (step)
B-462-R	-15 to +0 (step)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	-15 to +10 (step)
B-EX6T	-15 to +10 (step)
B-EX4D	-15 to +10 (step)
BA410T/BA420T	-15 to +10 (step)
BV410D/BV420D	N/A

11.2.7 bcpAdjustRibbonBack (1.3.6.1.4.1.1129.1.2.1.1.4.2.7)

Data type Integer32

Read/Write read-write

Update timing Start-up

Description Ribbon feed motor fine adjustment value

Value

BX410/BX420/BX430	-15 to +10 (step)
BX610/BX620	-15 to +10 (step)

Reference

B-SA4T	-15 to +10 (step)
B-SX6T	-15 to +10 (step)
B-SX8T	-15 to +10 (step)
B-850-R	-15 to +10 (step)
B-SX4T	-15 to +0 (step)
B-SX5T	-15 to +0 (step)
B-450-R	-15 to +10 (step)
B-462-R	-15 to +10 (step)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	-15 to +10 (step)
B-EX6T	-15 to +10 (step)
B-EX4D	-15 to +10 (step)
BA410T/BA420T	-15 to +10 (step)
BV410D/BV420D	N/A

11.2.8 bcpAdjustXAdjust (1.3.6.1.4.1.1129.1.2.1.1.4.2.8)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description X-coordinate fine adjustment value
Value

BX410/BX420/BX430	-995 to +995 (0.1 mm)
BX610/BX620	-995 to +995 (0.1 mm)

Reference

B-SA4T	-999 to +999 (0.1 mm)
B-SX6T	-999 to +999 (0.1 mm)
B-SX8T	-999 to +999 (0.1 mm)
B-850-R	-999 to +999 (0.1 mm)
B-SX4T	-995 to +995 (0.1 mm)
B-SX5T	-995 to +995 (0.1 mm)
B-450-R	-999 to +999 (0.1 mm)
B-462-R	-999 to +999 (0.1 mm)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	-999 to +999 (0.1 mm)
B-FP3D	-999 to +999 (0.1 mm)
B-EV4	-999 to +999 (0.1 mm)
B-FV4	-999 to +999 (0.1 mm)
B-EX4T	-995 to +995 (0.1 mm)
B-EX6T	-995 to +995 (0.1 mm)
B-EX4D	-995 to +995 (0.1 mm)
BA410T/BA420T	-999 to +999 (0.1 mm)
BV410D/BV420D	-999 to +999 (0.1 mm)

11.2.9 bcpAdjustThresholdRef (1.3.6.1.4.1.1129.1.2.1.1.4.2.9)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Threshold fine adjustment value (Reflective sensor)
Value 0 to +40 (0.1V)
Remarks When this parameter is set to 0.0V for BX400/BX600, it is automatically corrected to 1.0 V (default) after a reset.

11.2.10 bcpAdjustThresholdRef1 (1.3.6.1.4.1.1129.1.2.1.1.4.2.9.1)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Threshold 1 fine adjustment value (Reflective sensor)
Value 0 to +40 (0.1V)
Remarks When this parameter is set to 0.0V for BX400/BX600, it is automatically corrected to 1.0 V (default) after a reset.

11.2.11 bcpAdjustThresholdRef2 (1.3.6.1.4.1.1129.1.2.1.1.4.2.9.2)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Threshold 2 fine adjustment value (Reflective sensor)
Value	0 to +40 (0.1V)
Remarks	When this parameter is set to 0.0V for BX400/BX600, it is automatically corrected to 1.0 V (default) after a reset.

11.2.12 bcpAdjustThresholdRef3 (1.3.6.1.4.1.1129.1.2.1.1.4.2.9.3)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Threshold 3 fine adjustment value (Reflective sensor)
Value	0 to +40 (0.1V)
Remarks	When this parameter is set to 0.0V for BX400/BX600, it is automatically corrected to 1.0 V (default) after a reset.

11.2.13 bcpAdjustThresholdRef4 (1.3.6.1.4.1.1129.1.2.1.1.4.2.9.4)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Threshold 4 fine adjustment value (Reflective sensor)
Value	0 to +40 (0.1V)
Remarks	When this parameter is set to 0.0V for BX400/BX600, it is automatically corrected to 1.0 V (default) after a reset.

11.2.14 bcpAdjustThresholdRef5 (1.3.6.1.4.1.1129.1.2.1.1.4.2.9.5)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Threshold 5 fine adjustment value (Reflective sensor)
Value	0 to +40 (0.1V)
Remarks	When this parameter is set to 0.0V for BX400/BX600, it is automatically corrected to 1.0 V (default) after a reset.

11.2.15 bcpAdjustThresholdTrans (1.3.6.1.4.1.1129.1.2.1.1.4.2.10)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Threshold fine adjustment value (Transmissive sensor)
Value	0 to +40 (0.1V)
Remarks	When this parameter is set to 0.0V for BX400/BX600, it is automatically corrected to 1.0 V (default) after a reset.

11.2.16 bcpAdjustThresholdTrans1 (1.3.6.1.4.1.1129.1.2.1.1.4.2.10.1)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Threshold 1 fine adjustment value (Transmissive sensor)
Value	0 to +40 (0.1V)
Remarks	When this parameter is set to 0.0V for BX400/BX600, it is automatically corrected to 1.4 V (default) after a reset.

11.2.17 bcpAdjustThresholdTrans2 (1.3.6.1.4.1.1129.1.2.1.1.4.2.10.2)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Threshold 2 fine adjustment value (Transmissive sensor)
Value	0 to +40 (0.1V)
Remarks	When this parameter is set to 0.0V for BX400/BX600, it is automatically corrected to 1.4 V (default) after a reset.

11.2.18 bcpAdjustThresholdTrans3 (1.3.6.1.4.1.1129.1.2.1.1.4.2.10.3)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Threshold 3 fine adjustment value (Transmissive sensor)
Value	0 to +40 (0.1V)
Remarks	When this parameter is set to 0.0V for BX400/BX600, it is automatically corrected to 1.4 V (default) after a reset.

11.2.19 bcpAdjustThresholdTrans4 (1.3.6.1.4.1.1129.1.2.1.1.4.2.10.4)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Threshold 4 fine adjustment value (Transmissive sensor)
Value	0 to +40 (0.1V)
Remarks	When this parameter is set to 0.0V for BX400/BX600, it is automatically corrected to 1.4 V (default) after a reset.

11.2.20 bcpAdjustThresholdTrans5 (1.3.6.1.4.1.1129.1.2.1.1.4.2.10.5)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Threshold 5 fine adjustment value (Transmissive sensor)
Value	0 to +40 (0.1V)
Remarks	When this parameter is set to 0.0V for BX400/BX600, it is automatically corrected to 1.4 V (default) after a reset.

11.2.21 bcpAdjustRibbon2Fwd (1.3.6.1.4.1.1129.1.2.1.1.4.2.11)

Data type Integer32

Read/Write read-write

Update timing Start-up

Description Ribbon take-up motor voltage fine adjustment value (for Ribbon 2)

Value

BX410/BX420/BX430	-15 to +10 (step)
BX610/BX620	-15 to +10 (step)

Reference

B-SA4T	N/A	
B-SX6T	N/A	
B-SX8T	N/A	
B-850-R	N/A	
B-SX4T	N/A	
B-SX5T	N/A	
B-450-R	N/A	
B-462-R	N/A	
B-EP2DL-G	N/A	
B-EP4DL-G	N/A	
B-EP4DL-T	N/A	
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T	B-EX4T1-G/T-QM/CN: C1.2 or later B-EX4T2-G/T-QM/CN: C1.2 or later B-EX4T2-H-QM/CN: C1.1A or later	-15 to +10 (step)
	Other than above	N/A
B-EX6T	-15 to +10 (step)	
B-EX4D	B-EX4D2-G/T-QM/CN: D1.1 or later	-15 to +10 (step)
	Other than above	N/A
BA410T/BA420T	-15 to +10 (step)	
BV410D/BV420D	N/A	

Remarks

11.2.22 bcpAdjustRibbon2Back (1.3.6.1.4.1.1129.1.2.1.1.4.2.12)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Ribbon feed motor voltage fine adjustment value (for Ribbon 2)
Value

BX410/BX420/BX430	-15 to +10 (step)
BX610/BX620	-15 to +10 (step)

Reference

B-SA4T	N/A	
B-SX6T	N/A	
B-SX8T	N/A	
B-850-R	N/A	
B-SX4T	N/A	
B-SX5T	N/A	
B-450-R	N/A	
B-462-R	N/A	
B-EP2DL-G	N/A	
B-EP4DL-G	N/A	
B-EP4DL-T	N/A	
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T	B-EX4T1-G/T-QM/CN: C1.2 or later B-EX4T2-G/T-QM/CN: C1.2 or later B-EX4T2-H-QM/CN: C1.1A or later	-15 to +10 (step)
	Other than above	N/A
B-EX6T	-15 to +10 (step)	
B-EX4D	B-EX4D2-G/T-QM/CN: D1.1 or later	-15 to +10 (step)
	Other than above	N/A
BA410T/BA420T	-15 to +10 (step)	
BV410D/BV420D	N/A	

Remarks

11.2.23 bcpAdjustBacklash1 (1.3.6.1.4.1.1129.1.2.1.1.4.2.13)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Setting of Backlash1
Value 0 to 99
Remarks BX400/BX600: Not supported

11.2.24 bcpAdjustBacklash2 (1.3.6.1.4.1.1129.1.2.1.1.4.2.14)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Setting of Backlash2
Value	0 to 99
Remarks	BX400/BX600: Not supported

11.2.25 bcpAdjustESCPOSPaperWidth (1.3.6.1.4.1.1129.1.2.1.1.4.2.15)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Setting of ESC/POS Width
Value	25 to 80 (mm)
Remarks	BX400/BX600: Not supported

11.3 bcpRFIDEntry (1.3.6.1.4.1.1129.1.2.1.1.4.3)

The bcpRFIDEntry group manages the RFID-related information of the printer and supports the following objects.

- bcpRFIDModule (1)
- bcpRFIDErrCheck (2)
- bcpRFIDIssueRetry (3)
- bcpRFIDReadCycleCnt (4)
- bcpRFIDReadCycleTime (5)
- bcpRFIDWriteCycleCnt (6)
- bcpRFIDWriteCycleTime (7)
- bcpRFIDAdjRetry (8)
- bcpRFIDTagType (9)
- bcpRFIDSettingUHF (10)
- bcpRFIDSettingOther (11)
- bcpRFIDModuleCountry (12)

11.3.1 bcpRFIDModule (1.3.6.1.4.1.1129.1.2.1.1.4.3.1)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description RFID module
Value

BX410/BX420	0, 3 to 4
BX420/BX430	0
BX610/BX620	0, 4

BX410	UHF	BX704-RFID-U4-xx-S
BX410	HF	BX704-RFID-H3-xx-S
BX610	UHF	BX706-RFID-U4-xx-S

0	NONE
1	U1
2	H1
3	H2, H3
4	U2, U4

Reference

B-SA4T	0 to 4
B-SX6T	0 to 4
B-SX8T	0 to 4
B-850-R	0
B-SX4T	0 to 4
B-SX5T	0 to 4
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0, 2 to 4
B-EX6T	0, 2 to 4
B-EX4D	0, 2 to 4
BA410T/BA420T	0
BV410D/BV420D	N/A

11.3.2 bcpRFIDErrCheck (1.3.6.1.4.1.1129.1.2.1.1.4.3.2)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description RFID error tag detection
Value

BX410/BX420/BX430	0 to 2
BX610/BX620	0 to 2

0	OFF
1	EPC
2	PASS

Remarks For the panel setting: TAG Check

0 (OFF): OFF	Error tag detection: OFF
1 (EPC): ON (ID)	Error tag detection: ON
2 (PASS): ON (ACCESS PASSWORD)	Error tag detection: ON

Reference

0	OFF
1	ON

Set the following for BA410T and BA420T

0	OFF
1	EPC
2	PASS

B-SA4T	0 to 1
B-SX6T	0 to 1
B-SX8T	0 to 1
B-850-R	0
B-SX4T	0 to 1
B-SX5T	0 to 1
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 2
BV410D/BV420D	N/A

11.3.3 bcpRFIDIssueRetry (1.3.6.1.4.1.1129.1.2.1.1.4.3.3)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Maximum number of RFID Issue retries
Value

BX410/BX420/BX430	0 to 255 (times)
BX610/BX620	0 to 255 (times)

Reference

B-SA4T	0 to 255 (times)
B-SX6T	0 to 255 (times)
B-SX8T	0 to 255 (times)
B-850-R	0 (times)
B-SX4T	0 to 255 (times)
B-SX5T	0 to 255 (times)
B-450-R	0 (times)
B-462-R	0 (times)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 255 (times)
B-EX6T	0 to 255 (times)
B-EX4D	0 to 255 (times)
BA410T/BA420T	0 to 255 (times)
BV410D/BV420D	N/A

11.3.4 bcpRFIDReadCycleCnt (1.3.6.1.4.1.1129.1.2.1.1.4.3.4)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Maximum number of RFID read retries
Value

BX410/BX420/BX430	0 to 255 (times)
BX610/BX620	0 to 255 (times)

Reference

B-SA4T	0 to 255 (times)
B-SX6T	0 to 255 (times)
B-SX8T	0 to 255 (times)
B-850-R	0 (times)
B-SX4T	0 to 255 (times)
B-SX5T	0 to 255 (times)
B-450-R	0 (times)
B-462-R	0 (times)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 255 (times)
B-EX6T	0 to 255 (times)
B-EX4D	0 to 255 (times)
BA410T/BA420T	0 to 255 (times)
BV410D/BV420D	N/A

11.3.5 bcpRFIDReadCycleTime (1.3.6.1.4.1.1129.1.2.1.1.4.3.5)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description RFID read retry time-out
Value

BX410/BX420/BX430	0 to 99 (0.1 sec.)
BX610/BX620	0 to 99 (0.1 sec.)

Reference

B-SA4T	0 to 99 (0.1 sec.)
B-SX6T	0 to 99 (0.1 sec.)
B-SX8T	0 to 99 (0.1 sec.)
B-850-R	0 (0.1 sec.)
B-SX4T	0 to 99 (0.1 sec.)
B-SX5T	0 to 99 (0.1 sec.)
B-450-R	0 (0.1 sec.)
B-462-R	0 (0.1 sec.)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 99 (0.1 sec.)
B-EX6T	0 to 99 (0.1 sec.)
B-EX4D	0 to 99 (0.1 sec.)
BA410T/BA420T	0 to 99 (0.1 sec.)
BV410D/BV420D	N/A

11.3.6 bcpRFIDWriteCycleCnt (1.3.6.1.4.1.1129.1.2.1.1.4.3.6)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Maximum number of RFID write retries
Value

BX410/BX420/BX430	0 to 255 (times)
BX610/BX620	0 to 255 (times)

Reference

B-SA4T	0 to 255 (times)
B-SX6T	0 to 255 (times)
B-SX8T	0 to 255 (times)
B-850-R	0 (times)
B-SX4T	0 to 255 (times)
B-SX5T	0 to 255 (times)
B-450-R	0 (times)
B-462-R	0 (times)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 255 (times)
B-EX6T	0 to 255 (times)
B-EX4D	0 to 255 (times)
BA410T/BA420T	0 to 255 (times)
BV410D/BV420D	N/A

11.3.7 bcpRFIDWriteCycleTime (1.3.6.1.4.1.1129.1.2.1.1.4.3.7)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description RFID write retry time-out
Value

BX410/BX420/BX430	0 to 99 (0.1 sec.)
BX610/BX620	0 to 99 (0.1 sec.)

Reference

B-SA4T	0 to 99 (0.1 sec.)
B-SX6T	0 to 99 (0.1 sec.)
B-SX8T	0 to 99 (0.1 sec.)
B-850-R	0 (0.1 sec.)
B-SX4T	0 to 99 (0.1 sec.)
B-SX5T	0 to 99 (0.1 sec.)
B-450-R	0 (0.1 sec.)
B-462-R	0 (0.1 sec.)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 99 (0.1 sec.)
B-EX6T	0 to 99 (0.1 sec.)
B-EX4D	0 to 99 (0.1 sec.)
BA410T/BA420T	0 to 99 (0.1 sec.)
BV410D/BV420D	N/A

11.3.8 bcpRFIDAdjRetry (1.3.6.1.4.1.1129.1.2.1.1.4.3.8)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description RFID adjustment for retry
Value

BX410/BX420/BX430	-99 to +99 (mm)
BX610/BX620	-99 to +99 (mm)

Reference

B-SA4T	-99 to +99 (mm)
B-SX6T	-99 to +99 (mm)
B-SX8T	-99 to +99 (mm)
B-850-R	0 (mm)
B-SX4T	-99 to +99 (mm)
B-SX5T	-99 to +99 (mm)
B-450-R	0 (mm)
B-462-R	0 (mm)
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	-99 to +99 (mm)
B-EX6T	-99 to +99 (mm)
B-EX4D	-99 to +99 (mm)
BA410T/BA420T	-99 to +99 (mm)
BV410D/BV420D	N/A

11.3.9 bcpRFIDTagType (1.3.6.1.4.1.1129.1.2.1.1.4.3.9)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description RFID tag type
Value

BX410	0, 7, 10, 12
BX420/BX430	0
BX610/BX620	0, 10

0	NONE
1	EPC C0
2	EPC C1
3	ISO18000-6B
4	I-Code
5	Tag-it
6	C220
7	ISO15693
8	C210
9	C240
10	EPC C1 Gen2
11	C320
12	ISO14443

Reference

B-SA4T	0 to 10
B-SX6T	0 to 10
B-SX8T	0 to 10
B-850-R	0
B-SX4T	0 to 10
B-SX5T	0 to 10
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0, 4 to 11
B-EX6T	0, 4 to 11
B-EX4D	0, 4 to 11
BA410T/BA420T	0, 10
BV410D/BV420D	N/A

11.3.10 bcpRFIDSettingUHF (1.3.6.1.4.1.1129.1.2.1.1.4.3.10)

The bcpRFIDSettingUHF group manages the UHF-related settings and supports the following objects.

- bcpRFIDSettingUHFOutput (1)
- bcpRFIDSettingUHFQ (2)
- bcpRFIDSettingUHFTagSet (3)
- bcpRFIDSettingUHFWriteThreshold (4)
- bcpRFIDSettingUHFWriteUnderLimit (5)
- bcpRFIDSettingUHFCalibMode (6)
- bcpRFIDSettingUHFCalibAGC (7)
- bcpRFIDSettingUHFCalibPosition (8)
- bcpRFIDSettingUHFAntennaPositiion (9)

11.3.11 bcpRFIDSettingUHFOutput (1.3.6.1.4.1.1129.1.2.1.1.4.3.10.1)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description RFID radio power level
Value

BX410/BX420/BX430	0 to 255
BX610/BX620	0 to 255

Remarks The minimum and maximum values differ depending on the module type. When the set value does not fall within the setting range, it is automatically corrected so as to fall within the setting range.

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 255
B-EX6T	0 to 255
B-EX4D	0 to 255
BA410T/BA420T	0 to 18
BV410D/BV420D	N/A

Remarks

11.3.12 bcpRFIDSettingUHFQ (1.3.6.1.4.1.1129.1.2.1.1.4.3.10.2)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Q value
Value

BX410/BX420/BX430	0 to 15
BX610/BX620	0 to 15

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 15
B-EX6T	0 to 15
B-EX4D	0 to 15
BA410T/BA420T	0 to 15
BV410D/BV420D	N/A

Remarks

11.3.13 bcpRFIDSettingUHFTagSet (1.3.6.1.4.1.1129.1.2.1.1.4.3.10.3)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description AGC threshold
Value

BX410/BX420/BX430	0 to 15
BX610/BX620	0 to 15

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 15
B-EX6T	0 to 15
B-EX4D	0 to 15
BA410T/BA420T	0 to 15
BV410D/BV420D	N/A

Remarks

11.3.14 bcpRFIDSettingUHFWriteThreshold (1.3.6.1.4.1.1129.1.2.1.1.4.3.10.4)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description AGC threshold for data writing
Value

BX410/BX420/BX430	0 to 15
BX610/BX620	0 to 15

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 15
B-EX6T	0 to 15
B-EX4D	0 to 15
BA410T/BA420T	0 to 15
BV410D/BV420D	N/A

Remarks

11.3.15 bcpRFIDSettingUHFWriteUnderLimit (1.3.6.1.4.1.1129.1.2.1.1.4.3.10.5)

Data type Integer32

Read/Write read-write

Update timing Start-up

Description AGC threshold lower limit for retrying

Value

BX410/BX420/BX430	0 to 15
BX610/BX620	0 to 15

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 15
B-EX6T	0 to 15
B-EX4D	0 to 15
BA410T/BA420T	0 to 15
BV410D/BV420D	N/A

Remarks

11.3.16 bcpRFIDSettingUHFCalibMode (1.3.6.1.4.1.1129.1.2.1.1.4.3.10.6)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description RFID calibration mode
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	OFF
1	ON

Reference

B-SA4T	N/A	
B-SX6T	N/A	
B-SX8T	N/A	
B-850-R	N/A	
B-SX4T	N/A	
B-SX5T	N/A	
B-450-R	N/A	
B-462-R	N/A	
B-EP2DL-G	N/A	
B-EP4DL-G	N/A	
B-EP4DL-T	N/A	
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T1	B-EX4T1-G/T: C1.4 or later	0, 1
	Other than above	N/A
B-EX4T2	N/A	
B-EX6T	0,1	
B-EX4D	N/A	
BA410T/BA420T	0,1	
BV410D/BV420D	N/A	

Remarks This setting is available only when the module type is “UHF Band (U4)”.

11.3.17 bcpRFIDSettingUHFCalibAGC (1.3.6.1.4.1.1129.1.2.1.1.4.3.10.7)

Data type Integer32

Read/Write read-write

Update timing Start-up

Description AGC which is effective in RFID calibration mode

Value

BX410/BX420/BX430	0 to 15
BX610/BX620	0 to 15

Reference

B-SA4T	N/A	
B-SX6T	N/A	
B-SX8T	N/A	
B-850-R	N/A	
B-SX4T	N/A	
B-SX5T	N/A	
B-450-R	N/A	
B-462-R	N/A	
B-EP2DL-G	N/A	
B-EP4DL-G	N/A	
B-EP4DL-T	N/A	
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T1	B-EX4T1-G/T: C1.4 or later	0 to 15
	Other than above	N/A
B-EX4T2	N/A	
B-EX6T	0 to 15	
B-EX4D	N/A	
BA410T/BA420T	N/A	
BV410D/BV420D	N/A	

Remarks

11.3.18 bcpRFIDSettingUHFCalibPosition (1.3.6.1.4.1.1129.1.2.1.1.4.3.10.8)

Data type Integer32

Read/Write read-write

Update timing Start-up

Description Position which is effective in RFID calibration mode

Value

BX410/BX420/BX430	-9999 to +9999 (0.1 mm)
BX610/BX620	-9999 to +9999 (0.1 mm)

Reference

B-SA4T	N/A	
B-SX6T	N/A	
B-SX8T	N/A	
B-850-R	N/A	
B-SX4T	N/A	
B-SX5T	N/A	
B-450-R	N/A	
B-462-R	N/A	
B-EP2DL-G	N/A	
B-EP4DL-G	N/A	
B-EP4DL-T	N/A	
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T1	B-EX4T1-G/T: C1.4 or later	-9999 to +9999
	Other than above	N/A
B-EX4T2	N/A	
B-EX6T	-9999 to +9999	
B-EX4D	N/A	
BA410T/BA420T	-9999 to +9999	
BV410D/BV420D	N/A	

Remarks

11.3.19 bcpRFIDSettingUHFAntennaPosition (1.3.6.1.4.1.1129.1.2.1.1.4.3.10.9)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description RFID antenna position
Value

BX410/BX420/BX430	0 to 2
BX610/BX620	0 to 2

0	FRONT
1	CENTER
2	REAR

Reference

B-SA4T	N/A	
B-SX6T	N/A	
B-SX8T	N/A	
B-850-R	N/A	
B-SX4T	N/A	
B-SX5T	N/A	
B-450-R	N/A	
B-462-R	N/A	
B-EP2DL-G	N/A	
B-EP4DL-G	N/A	
B-EP4DL-T	N/A	
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T1	B-EX4T1-G/T: C1.4 or later	Applicable
	Other than above	N/A
B-EX4T2	N/A	
B-EX6T	Applicable	
B-EX4D	N/A	
BA410T/BA420T	N/A	
BV410D/BV420D	N/A	

Remarks

11.3.20 bcpRFIDSettingOther (1.3.6.1.4.1.1129.1.2.1.1.4.3.11)

The bcpRFIDSettingOther group manages the other RFID-related information and supports the following objects.

- bcpRFIDSettingOtherMultiWords (1)
- bcpRFIDSettingOtherHeadupAction (2)

11.3.21 bcpRFIDSettingOtherMultiWords (1.3.6.1.4.1.1129.1.2.1.1.4.3.11.1)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Multi-word writing
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	OFF
1	ON

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 1
BV410D/BV420D	N/A

Remarks

11.3.22 bcpRFIDSettingOtherHeadupAction (1.3.6.1.4.1.1129.1.2.1.1.4.3.11.2)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Head-up action
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	MODE1
1	MODE2

Reference

B-SA4T	N/A	
B-SX6T	N/A	
B-SX8T	N/A	
B-850-R	N/A	
B-SX4T	N/A	
B-SX5T	N/A	
B-450-R	N/A	
B-462-R	N/A	
B-EP2DL-G	N/A	
B-EP4DL-G	N/A	
B-EP4DL-T	N/A	
B-FP2D	N/A	
B-FP3D	N/A	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T	B-EX4T1-TS25-R: V2.2 or later	0 to 1
	Other than above	N/A
B-EX6T	Not supported	
B-EX4D	N/A	
BA410T/BA420T	0	
BV410D/BV420D	N/A	

Remarks

11.3.23 bcpRFIDModuleCountry (1.3.6.1.4.1.1129.1.2.1.1.4.3.12)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Country setting
Value

BX410/BX420/BX430	0 to 9, 97 to 99
BX610/BX620	0 to 9, 97 to 99

0	JPN
1	EU0
2	US
4	AU
5	CN2
6	KR2
7	TW
9	HK
10	SG
11	MY
12	ID
13	TH
14	MX
15	IN
97	Non-programmable (INVALID)
98	Need to change (CHANGE)
99	No setting (NONE)

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 9, 97 to 99
B-EX6T	0 to 9, 97 to 99
B-EX4D	0 to 9, 97 to 99
BA410T/BA420T	0 to 13, 97 to 99
BV410D/BV420D	N/A

Remarks

11.3.24 bcpRFChannel (1.3.6.1.4.1.1129.1.2.1.1.4.3.13)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description RFID channel setting
Value

BX410/BX420/BX430	0 to 7
BX610/BX620	0 to 7

0	AUTO
1	2CH
2	3CH
3	4CH
4	5CH
5	6CH
6	7CH
7	8CH

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 7
B-EX6T	0 to 7
B-EX4D	0 to 7
BA410T/BA420T	0 to 7
BV410D/BV420D	N/A

Remarks

11.3.25 bcpASFEntry (1.3.6.1.4.1.1129.1.2.1.1.4.4)

The bcpASFEntry group manages the printer's ASF information and supports the following objects:

- bcpASFHeaterFunction1 (1)
- bcpASFHeaterFunction2 (2)
- bcpASFHeaterFunction3 (3)
- bcpASFHeaterTemp1 (4)
- bcpASFHeaterTemp2 (5)

11.3.26 bcpASFHeaterFunction1 (1.3.6.1.4.1.1129.1.2.1.1.4.4.1)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Heater lamp energizing time
Value

0	ON
1	60 min.
2	30 min.
3	5 min.
4	1 min.
5	OFF

Remarks BX400/BX600: Not supported

11.3.27 bcpASFHeaterFunction2 (1.3.6.1.4.1.1129.1.2.1.1.4.4.2)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Time-out for ASF start-up
Value +60 to +240 (sec.)
Remarks BX400/BX600: Not supported

11.3.28 bcpASFHeaterFunction3 (1.3.6.1.4.1.1129.1.2.1.1.4.4.3)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Time-out for afterheat while the ASF is in the idle status
Value +10 to +100 (sec.)
Remarks BX400/BX600: Not supported

11.3.29 bcpASFHeaterTemp1 (1.3.6.1.4.1.1129.1.2.1.1.4.4.4)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Erasing temperature setting
Value +150 to +200 (°C)
Remarks BX400/BX600: Not supported

11.3.30 bcpASFHeaterTemp2 (1.3.6.1.4.1.1129.1.2.1.1.4.4.5)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Erasing temperature range setting
Value	+5 to +20 (°C)
Remarks	BX400/BX600: Not supported

12 bcpNetworkTable (1.3.6.1.4.1.1129.1.2.1.1.5)

The bcpNetworkTable group manages the network settings of the printer and supports the following objects.

- bcpTCPIPEntry (1)
- bcpDHCPEntry (2)
- bcpWLANEntry (3)
- bcpSNMPEntry (4)
- bcpSMTPEntry (5)
- bcpSNMPUSMEntry (6)

12.1 bcpTCPIPEntry (1.3.6.1.4.1.1129.1.2.1.1.5.1)

The bcpTCPIPEntry group manages the TCP/IP information of the printer and supports the following objects.

- bcpTCPIPIPAddress (1)
- bcpTCPIPGateIPAddress (2)
- bcpTCPIPSubnetMask (3)
- bcpTCPIPSocketPort (4)
- bcpTCPIPSocketPortNo (5)
- bcpTCPIPSetting (6)
- bcpTCPIPWINS (7)
- bcpTCPIPWINSAddress (8)
- bcpTCPIPLPR (9)
- bcpTCPIPSocketKeepAlive (10)
- bcpTCPIPHttpMode (11)
- bcpTCPIPDNSAddress1 (12)
- bcpTCPIPDNSAddress2 (13)
- bcpTCPIPDeviceManagerMode (14)
- bcpTCPIPDeviceManagerPort (15)
- bcpTCPIPDeviceManagerServerType (16)
- bcpTCPIPDeviceManagerServerAddress (17)
- bcpTCPIPDeviceManagerServerName (18)
- bcpTCPIPDeviceManagerServerPort (19)

12.1.1 bcpTCPIPIPAddress (1.3.6.1.4.1.1129.1.2.1.1.5.1.1)

Data type IpAddress
Read/Write read-only
Update timing Start-up
Description IP Address
Value Same as “Description”
Remarks

12.1.2 bcpTCPIPGateIPAddress (1.3.6.1.4.1.1129.1.2.1.1.5.1.2)

Data type IpAddress
Read/Write read-only
Update timing Start-up
Description Gateway IP Address
Value Same as “Description”

12.1.3 bcpTCPIPSubnetMask (1.3.6.1.4.1.1129.1.2.1.1.5.1.3)

Data type IpAddress
Read/Write read-only
Read/Write Start-up
Description Subnet Mask
Value Same as “Description”

12.1.4 bcpTCPIPSocketPort (1.3.6.1.4.1.1129.1.2.1.1.5.1.4)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Socket communication
Value

0	OFF
1	ON

12.1.5 bcpTCPIPSocketPortNo (1.3.6.1.4.1.1129.1.2.1.1.5.1.5)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Socket port number
Value 1 to 65534

12.1.6 bcpTCPIPSetting (1.3.6.1.4.1.1129.1.2.1.1.5.1.6)

Data type Integer32

Read/Write read-write

Update timing Start-up

Description Wired/wireless LAN selection

Value

BX410/BX420/BX430	0 to 3
BX610/BX620	0 to 3

0	OFF
1	ON (AUTO)
2	ON (Wired LAN)
3	ON (Wireless LAN)
4	CONFIG MODE

Remarks This setting is applied after rebooting the printer.

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	0, 3 to 4
B-FP3D	0, 3 to 4
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 3
B-EX6T	0 to 3
B-EX4D	0 to 3
BA410T/BA420T	0 to 3
BV410D/BV420D	0 to 3

Remarks

12.1.7 bcpTCPIPWINS (1.3.6.1.4.1.1129.1.2.1.1.5.1.7)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description WINS
Value

BX410/BX420/BX430	0 to 2
BX610/BX620	0 to 2

0	OFF
1	ON (Manual)
2	ON(DHCP)

Remarks BX400/600: Not supported

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 2
B-EX6T	N/A
B-EX4D	0 to 2
BA410T/BA420T	N/A
BV410D/BV420D	N/A

Remarks

12.1.8 bcpTCPIPWINSAddress (1.3.6.1.4.1.1129.1.2.1.1.5.1.8)

Data type IpAddress
Read/Write read-write
Update timing Start-up
Description WINS address
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Remarks BX400/BX600: Not supported

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	WINS address
B-EX6T	N/A
B-EX4D	WINS address
BA410T/BA420T	N/A
BV410D/BV420D	N/A

Remarks

12.1.9 bcpTCPIPLPR (1.3.6.1.4.1.1129.1.2.1.1.5.1.9)

Data type Integer32

Read/Write read-write

Update timing Start-up

Description LPR

Value

0	OFF
1	ON

Remarks This setting is applied after rebooting the printer.

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	0 to 1
B-FP3D	0 to 1
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 1
BV410D/BV420D	0 to 1

Remarks

12.1.10 bcpTCPIPSocketKeepAlive (1.3.6.1.4.1.1129.1.2.1.1.5.1.10)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Keep-Alive setting for TCP Socket communication
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

12.1.11 bcpTCPIPHttpMode (1.3.6.1.4.1.1129.1.2.1.1.5.1.11)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description HTTPD server setting
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

12.1.12 bcpTCPIPDNSAddress1 (1.3.6.1.4.1.1129.1.2.1.1.5.1.12)

Data type IpAddress
Read/Write read-write
Update timing Start-up
Description Primary DNS server address
Value Same as Description
Remarks BX400/BX600: Not supported

12.1.13 bcpTCPIPDNSAddress2 (1.3.6.1.4.1.1129.1.2.1.1.5.1.13)

Data type IpAddress
Read/Write read-write
Update timing Start-up
Description Secondary DNS server address
Value Same as Description
Remarks BX400/BX600: Not supported

12.1.14 bcpTCPIPDeviceManagerMode (1.3.6.1.4.1.1129.1.2.1.1.5.1.14)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description MDM setting
Value

0	OFF
1	ON

Remarks BX400/BX600: Not supported

12.1.15 bcpTCPIPDeviceManagerPort (1.3.6.1.4.1.1129.1.2.1.1.5.1.15)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	MDM receiving Port Number
Value	0 to 65535
Remarks	BX400/BX600: Not supported

12.1.16 bcpTCPIPDeviceManagerServerType (1.3.6.1.4.1.1129.1.2.1.1.5.1.16)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	kinds of MDM server address

Value

0	IP address
1	Host name

Remarks BX400/BX600: Not supported

12.1.17 bcpTCPIPDeviceManagerServerAddress (1.3.6.1.4.1.1129.1.2.1.1.5.1.17)

Data type	IpAddress
Read/Write	read-write
Update timing	Start-up
Description	MDM server address
Value	same as Description
Remarks	BX400/BX600: Not supported

12.1.18 bcpTCPIPDeviceManagerServerName (1.3.6.1.4.1.1129.1.2.1.1.5.1.18)

Data type	String255
Read/Write	read-write
Update timing	Start-up
Description	MDM server name
Value	same as Description
Remarks	BX400/BX600: Not supported

12.1.19 bcpTCPIPDeviceManagerServerPort (1.3.6.1.4.1.1129.1.2.1.1.5.1.19)

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	MDM server port number
Value	0 to 65535
Remarks	BX400/BX600: Not supported

12.2 bcpDHCPEntry (1.3.6.1.4.1.1129.1.2.1.1.5.2)

The bcpDHCPEntry group manages the DHCP information of the printer and supports the following objects.

- bcpDHCPEnable (1)
- bcpDHCPID (2)
- bcpDHCPName (3)

12.2.1 bcpDHCPEnable (1.3.6.1.4.1.1129.1.2.1.1.5.2.1)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description DHCP setting
Value

0	OFF
1	ON

12.2.2 bcpDHCPID (1.3.6.1.4.1.1129.1.2.1.1.5.2.2)

Data type String 128
Read/Write read-write
Update timing Start-up
Description DHCP ID
Value Same as “Description”
Remarks

12.2.3 bcpDHCPName (1.3.6.1.4.1.1129.1.2.1.1.5.2.3)

Data type String32
Read/Write read-write
Update timing Start-up
Description DHCP computer name
Value Same as “Description”

12.3 bcpWLANEntry (1.3.6.1.4.1.1129.1.2.1.1.5.3)

The bcpWLANEntry group manages the wireless LAN information of the printer and supports the following objects.

- bcpWLANESSID (1)
- bcpWLANConnection (2)
- bcpWLANChannel (3)
- bcpWLANAuth (4)
- bcpWLANWEPEnable (5)
- bcpWLANWEPType (6)
- bcpWLANSendKey (7)
- bcpWLANWEPKey1 (8)
- bcpWLANWEPKey2 (9)
- bcpWLANWEPKey3 (10)
- bcpWLANWEPKey4 (11)
- bcpWLANLANSetting (12)
- bcpWLANMode (13)
- bcpWLANWEPDefaultKey (14)
- bcpWLAN80211bChannel (15)
- bcpWLAN80211bBaud (16)
- bcpWLAN80211gChannel (17)
- bcpWLAN80211gBaud (18)
- bcpWLANPowerSave (19)
- bcpWLANESSID (20)
- bcpWLANBeaconInterval (23)
- bcpWLANRegulatoryDomain (24)
- bcpWLANRoamingThresholdLo (28)
- bcpWLANRoamingThresholdHi (29)
- bcpWLANVersion (30)

12.3.1 bcpWLANESSID (1.3.6.1.4.1.1129.1.2.1.1.5.3.1)

Data type	String32
Read/Write	read-write
Update timing	Start-up
Description	Wireless LAN: ESS ID
Value	Same as “Description”
Remarks	BX400/BX600: Not supported

12.3.2 bcpWLANConnection (1.3.6.1.4.1.1129.1.2.1.1.5.3.2)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Wireless LAN: Connection mode
Value

0	INFRASTRUCTURE
1	ADHOC

Reference

0	INFRASTRUCTURE
1	ADHOC In case of B-EX6T, the value name is “AP MODE”.

Remarks BX400/BX600: Not supported

12.3.3 bcpWLANChannel (1.3.6.1.4.1.1129.1.2.1.1.5.3.3)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Wireless LAN: AP MODE channel setting
Value 1 to 14
Remarks BX400/BX600: Not supported

12.3.4 bcpWLANAuth (1.3.6.1.4.1.1129.1.2.1.1.5.3.4)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Wireless LAN: Authentication
Value

0	OPEN SYSTEM
1	SHARED KEY

Remarks This is not supported by any model.

12.3.5 bcpWLANWEPEnable (1.3.6.1.4.1.1129.1.2.1.1.5.3.5)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Wireless LAN: Encryption
Value

0	OFF
1	ON

Remarks This is not supported by any model.

12.3.6 bcpWLANWEPType (1.3.6.1.4.1.1129.1.2.1.1.5.3.6)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Wireless LAN: Encryption key
Value

0	40 bits
1	128 bits

Remarks This is not supported by any model.

12.3.7 bcpWLANSendKey (1.3.6.1.4.1.1129.1.2.1.1.5.3.7)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Wireless LAN: WEP key number
Value Same as “Description”
Remarks This is not supported by any model.

12.3.8 bcpWLANWEPKey1 (1.3.6.1.4.1.1129.1.2.1.1.5.3.8)

Data type String16
Read/Write read-write
Update timing Start-up
Description Wireless LAN: WEP key #1
Value Same as “Description”
Remarks BX400/BX600: Not supported

12.3.9 bcpWLANWEPKey2 (1.3.6.1.4.1.1129.1.2.1.1.5.3.9)

Data type String16
Read/Write read-write
Update timing Start-up
Description Wireless LAN: WEP key #2
Value Same as “Description”
Remarks This is not supported by any model.

12.3.10 bcpWLANWEPKey3 (1.3.6.1.4.1.1129.1.2.1.1.5.3.10)

Data type String16
Read/Write read-write
Update timing Start-up
Description Wireless LAN: WEP key #3
Value Same as “Description”
Remarks This is not supported by any model.

12.3.11 bcpWLANWEPKey4 (1.3.6.1.4.1.1129.1.2.1.1.5.3.11)

Data type String16
Read/Write read-write
Update timing Start-up
Description Wireless LAN: WEP key #4
Value Same as “Description”
Remarks This is not supported by any model.

12.3.12 bcpWLANLANSetting (1.3.6.1.4.1.1129.1.2.1.1.5.3.12)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Wireless LAN standard
Value

0	11b
1	11g
2	11b/g

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 2
B-EX6T	N/A Automatic selection of 11b/g/n
B-EX4D	0 to 2
BA410T/BA420T	N/A
BV410D/BV420D	N/A

Remarks A-BRID not supported

12.3.13 bcpWLANMode (1.3.6.1.4.1.1129.1.2.1.1.5.3.13)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Wireless LAN connection mode
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

“AP Mode” and “Infrastructure” are worked together in the BX series. Therefore, this setting cannot be supported with the current specifications.

AP	OPEN	OFF	0
		WEP40	1
	SHARED	WEP40	2
	WPA-Personal		3
	WPA2-Personal		4
INFRA	OPEN	OFF	5
		WEP40	6
	SHARED	WEP40	7
	WPA-Personal		8
	WPA2-Personal		9
	WPA-Enterprise	TLS	10
		TTLS	11
		EAP-FAST MSCHAPv2	12
		EAP-FAST GTC	13
		PEAP MSCHAPv2	14
		PEAP MSCHAPv2 No certificate	15
		PEAP GTC	16
		PEAP GTC No certificate	17
	WPA2-Enterprise	TLS	18
		TTLS	19
		EAP-FAST MSCHAPv2	20
		EAP-FAST GTC	21
		PEAP MSCHAPv2	22
		PEAP MSCHAPv2 No certificate	23
		PEAP GTC	24
		PEAP GTC No certificate	25

Reference When B-EX700-WLAN-QM-R is installed

ADHOC	OPEN		OFF	0
			WEP40	1
			WEP104	2
INFRA	OPEN		OFF	5
			WEP40	6
			WEP104	7
	SHARED		WEP40	8
			WEP104	9
	802.1X	TLS	WEP40	10
			WEP104	11
		TTLS	WEP40	12

			WEP104	13
		LEAP	WEP40	14
			WEP104	15
		PEAP	WEP40	16
			WEP104	17
		PEAP OUT	WEP40	42
			WEP104	43
		MD5	WEP40	18
			WEP104	19
		EAP-FAST	WEP40	20
			WEP104	21
	WPA	TLS		22
		TTLS		23
		LEAP		24
		PEAP		25
		PEAP OUT		40
		EAP-FAST		26
	WPA-PSKTKIP	TKIP		27
	WPA2	TLS		28
		TTLS		29
		LEAP		30
		PEAP		31
		PEAP OUT		41
		EAP-FAST		32
	WPA2-PSK	AES		33
	802.1X(NetworkEAP)	LEAP	WEP40	34
			WEP104	35
	WPA(NetworkEAP)	LEAP		36
	WPA2(NetworkEAP)	LEAP		37
	802.1X(SHARED KEY)	MD5	WEP40	38
			WEP104	39

When B-EX700-WLAN3-QM-S is installed

AP MODE	OPEN		OFF	00
	WPA	WPA-PSK	TKIP	01
	WPA2	WPA2-PSK	AES	02
INFRA	OPEN		OFF	03
			WEP104	04
	802.1X	EAP-TLS	WEP104	05
		EAP-TTLS	WEP104	06
		PEAP	WEP104	07
		PEAP (w/o Cert)	WEP104	08
		EAP-FAST	WEP104	09
	WPA	EAP-TLS	TKIP	10
		EAP-TTLS	TKIP	11
		PEAP	TKIP	12
		PEAP (w/o Cert)	TKIP	13
		EAP-FAST	TKIP	14
		WPA-PSK	TKIP	15
	WPA2	EAP-TLS	AES	16

		EAP-TTLS	AES	17
		PEAP	AES	18
		PEAP (w/o Cert)	AES	19
		EAP-FAST	AES	20
		WPA2-PSK	AES	21

B-EX6

AP	OPEN	OFF	0
		WEP40	1
	SHARED	WEP40	2
	WPA-Personal		3
	WPA2-Personal		4
INFRA	OPEN	OFF	5
		WEP40	6
	SHARED	WEP40	7
	WPA-Personal		8
	WPA2-Personal		9
	WPA-Enterprise	TLS	10
		TTLS	11
		EAP-FAST MSCHAPv2	12
		EAP-FAST GTC	13
		PEAP MSCHAPv2	14
		PEAP MSCHAPv2 No certificate	15
		PEAP GTC	16
		PEAP GTC No certificate	17
	WPA2-Enterprise	TLS	18
		TTLS	19
		EAP-FAST MSCHAPv2	20
		EAP-FAST GTC	21
		PEAP MSCHAPv2	22
		PEAP MSCHAPv2 No certificate	23
		PEAP GTC	24
		PEAP GTC No certificate	25

B-FP2D, B-FP3D, BA410T/BA420T, BV410D/BV420D

AP	OPEN	OFF	0
		WEP40	1
	SHARED	WEP40	2
	WPA-Personal		3
	WPA2-Personal		4
INFRA	OPEN	OFF	5
		WEP40	6
	SHARED	WEP40	7
	WPA-Personal		8
	WPA2-Personal		9
	WPA-Enterprise	TLS	10
		TTLS	11
		EAP-FAST MSCHAPv2	12
		EAP-FAST GTC	13
		PEAP MSCHAPv2	14

		PEAP GTC	15
		PEAP MSCHAPv2 No certificate	16
		PEAP GTC No certificate	17
	WPA2-Enterprise	TLS	18
		TTLS	19
		EAP-FAST MSCHAPv2	20
		EAP-FAST GTC	21
		PEAP MSCHAPv2	22
		PEAP GTC	23
		PEAP MSCHAPv2 No certificate	24
		PEAP GTC No certificate	25

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	0 to 25
B-FP3D	0 to 25
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 43
B-EX6T	0 to 25
B-EX4D	0 to 43
BA410T/BA420T	0 to 25
BV410D/BV420D	0 to 25

Remarks

12.3.14 bcpWLANWEPDefaultKey (1.3.6.1.4.1.1129.1.2.1.1.5.3.14)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description WEP default key
Value

BX410/BX420/BX430	1 to 4
BX610/BX620	1 to 4

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	1 to 4
B-EX6T	1 to 4
B-EX4D	1 to 4
BA410T/BA420T	N/A
BV410D/BV420D	N/A

Remarks

12.3.15 bcpWLAN80211bChannel (1.3.6.1.4.1.1129.1.2.1.1.5.3.15)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description 802.11b channel
Value 1 to 14

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	1 to 14
B-EX6T	1 to 14 This means the AP MODE channel.
B-EX4D	1 to 14
BA410T/BA420T	N/A
BV410D/BV420D	N/A

Remarks

12.3.16 bcpWLAN80211bBaud (1.3.6.1.4.1.1129.1.2.1.1.5.3.16)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description 802.11b baud rate
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

0	11Mbps
1	5.5Mbps
2	2Mbps
3	1Mbps

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 3
B-EX6T	N/A
B-EX4D	0 to 3
BA410T/BA420T	N/A
BV410D/BV420D	N/A

Remarks

12.3.17 bcpWLAN80211gChannel (1.3.6.1.4.1.1129.1.2.1.1.5.3.17)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description 802.11g channel
Value 1 to 13

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	1 to 13
B-EX6T	N/A
B-EX4D	1 to 13
BA410T/BA420T	N/A
BV410D/BV420D	N/A

Remarks

12.3.18 bcpWLAN80211gBaud (1.3.6.1.4.1.1129.1.2.1.1.5.3.18)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description 802.11g baud rate
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

0	54Mbps
1	48Mbps
2	36Mbps
3	24Mbps
4	18Mbps
5	12Mbps
6	9Mbps
7	6Mbps
8	11Mbps
9	5.5Mbps
10	2Mbps
11	1Mbps

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 11
B-EX6T	N/A
B-EX4D	0 to 11
BA410T/BA420T	N/A
BV410D/BV420D	N/A

Remarks

12.3.19 bcpWLANPowerSave (1.3.6.1.4.1.1129.1.2.1.1.5.3.19)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Power save for wireless LAN
Value 0, 1

BX410/BX420/BX430	0
BX610/BX620	0

0	OFF
1	ON

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	0 to 1
B-FP3D	0 to 1
B-EV4	N/A
B-FV4	N/A
B-EX4T	0
B-EX6T	0 to 1
B-EX4D	0
BA410T/BA420T	0 to 1
BV410D/BV420D	0 to 1

Remarks

12.3.20 bcpWLANESSID (1.3.6.1.4.1.1129.1.2.1.1.5.3.20)

Data type String32
Read/Write read-only
Update timing Start-up
Description Wireless LAN: ESS ID
Value Same as “Description”
Remarks

12.3.21 bcpWLANBeaconInterval (1.3.6.1.4.1.1129.1.2.1.1.5.3.23)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Beacon Interval
Value 50 to 1500
Remarks A-BRID not supported

12.3.22 bcpWLANRegulatoryDomain (1.3.6.1.4.1.1129.1.2.1.1.5.3.24)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Regulatory Domain
Value

0	FCC
1	ETSI
2	TELEC

Remarks A-BRID not supported

12.3.23 bcpWLANRoamingThresholdLo (1.3.6.1.4.1.1129.1.2.1.1.5.3.28)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Roaming Threshold (Under)
Value 0 to 99
Remarks

12.3.24 bcpWLANRoamingThresholdHi (1.3.6.1.4.1.1129.1.2.1.1.5.3.29)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description Roaming Threshold (Upper)
Value 0 to 99
Remarks A-BRID not supported

12.3.25 bcpWLANVersion (1.3.6.1.4.1.1129.1.2.1.1.5.3.30)

Data type String16
Read/Write read-only
Update timing Start-up
Description Wireless LAN module version
Value Depending on the wireless LAN module
Remarks

12.3.26 bcpWLANInfraBAND (1.3.6.1.4.1.1129.1.2.1.1.5.3.31)

Data type Integer32

Read/Write read-write

Update timing Start-up

Description Frequency band at the infrastructure mode

Value

0	2.4GHz
1	5GHz
2	Dual band

Remarks A-BRID not supported (Band setting not supported)

12.4 bcpSNMPEntry (1.3.6.1.4.1.1129.1.2.1.1.5.4)

The bcpSNMPEntry group manages the SNMP information of the printer and supports the following objects.

- bcpSNMPEntryPate
  - bcpSNMPIndex (1)
  - bcpSNMPTrapEnable (2)
  - bcpSNMPTrapReceiver (3)
  - bcpSNMPReadCommunity (4)
  - bcpSNMPWriteCommunity (5)
  - bcpSNMPSetting (6)

12.4.1 bcpSNMPEntryPate (1.3.6.1.4.1.1129.1.2.1.1.5.4.1)

12.4.1.1 bcpSNMPIndex (1.3.6.1.4.1.1129.1.2.1.1.5.4.1.1)

Data type	Integer32
Read/Write	not-accessible
Update timing	Start-up
Description	SNMP index
Value	1 to 10
Remarks	This is not supported by any model.

12.4.2 bcpSNMPTrapEnable (1.3.6.1.4.1.1129.1.2.1.1.5.4.1.2.X)

*X: 1 to 10

Data type Integer32
Read/Write read-write
Update timing As needed
Description Permission of a trap
Value

BX410/BX420/BX430	0 to 3
BX610/BX620	0 to 3

0	OFF
1	ON only when an error occurs (Generic-trip and Specific-trap)
2	ON only when a label issue ends (Generic-trip and Specific-trap)
3	ON only when an error occurs and a label issue ends (Generic-trip and Specific-trap)

Remarks For the traps at the end of label issue, a JOB management command needs to be sent at the beginning and end of a print job (TPCL).
Setting for trap destinations 1 to 10

Reference

B-SA4T	
B-SX6T	
B-SX8T	
B-850-R	
B-SX4T	N/A
B-SX5T	N/A
B-450-R	
B-462-R	
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	0 to 3
B-FP3D	0 to 3
B-EV4	
B-FV4	0 to 1
B-EX4T	0 to 3
B-EX6T	0 to 3
B-EX4D	0 to 3
BA410T/BA420T	0 to 3
BV410D/BV420D	0 to 3

12.4.3 bcpSNMPTrapReceiver (1.3.6.1.4.1.1129.1.2.1.1.5.4.1.3.X)

*X: 1 to 10

Data type	IpAddress
Read/Write	read-write
Update timing	Start-up
Description	IP address of the trap destination
Value	Same as “Description”
	Setting for trap destinations 1 to 10

12.4.4 bcpSNMPReadCommunity (1.3.6.1.4.1.1129.1.2.1.1.5.4.1.4.X)

*X: 1 to 10

Data type	String255
Read/Write	read-write
Update timing	Not supported
Description	Read community name
Value	This is not supported by any model.
	Setting for trap destinations 1 to 10

12.4.5 bcpSNMPWriteCommunity (1.3.6.1.4.1.1129.1.2.1.1.5.4.1.5.X)

*X: 1 to 10

Data type	String255
Read/Write	read-write
Update timing	Not supported
Description	Write community name
Value	This is not supported by any model.
	Setting for trap destinations 1 to 10

12.4.6 bcpSNMPSetting (1.3.6.1.4.1.1129.1.2.1.1.5.4.2)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description SNMP function
Value

BX410/BX420/BX430	0, 1
BX610/BX620	0, 1

0	OFF
1	ON

Reference

B-SA4T	N/A
B-SX6T	N/A
B-SX8T	N/A
B-850-R	N/A
B-SX4T	N/A
B-SX5T	N/A
B-450-R	N/A
B-462-R	N/A
B-EP2DL-G	N/A
B-EP4DL-G	N/A
B-EP4DL-T	N/A
B-FP2D	0 to 1
B-FP3D	0 to 1
B-EV4	N/A
B-FV4	N/A
B-EX4T	0 to 1
B-EX6T	0 to 1
B-EX4D	0 to 1
BA410T/BA420T	0 to 1
BV410D/BV420D	0 to 1

Remarks

12.5 bcpSMTPEntry (1.3.6.1.4.1.1129.1.2.1.1.5.5)

The bcpSMTPEntry group manages the ‘s SMTP information of the printer and supports the following objects.

- bcpSMTPMailServer (1)
- bcpSMTPMailerAddress (2)
- bcpSMTPMail1Enable (3)
- bcpSMTPMail1Address (4)
- bcpSMTPMail1Form (5)
- bcpSMTPMail1Message (6)
- bcpSMTPMail2Enable (7)
- bcpSMTPMail2Address (8)
- bcpSMTPMail2Form (9)
- bcpSMTPMail2Message (10)

12.5.1 bcpSMTPMailServer (1.3.6.1.4.1.1129.1.2.1.1.5.5.1)

Data type String255
Read/Write read-write
Update timing Start-up
Description Mail server name of the sender
Value This is not supported by any model.

12.5.2 bcpSMTPMailerAddress (1.3.6.1.4.1.1129.1.2.1.1.5.5.2)

Data type String255
Read/Write read-write
Update timing Start-up
Description E-mail address of the sender
Value This is not supported by any model.

12.5.3 bcpSMTPMail1Enable (1.3.6.1.4.1.1129.1.2.1.1.5.5.3)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description E-mail function
Value

0	OFF
1	Error 1
2	Error 2
3	Print head broken element
4	Error 1 + Error 2
5	Error 1 + Print head broken element
6	Error 2 + Print head broken element
7	Error 1 + Error 2 + Print head broken element

Remarks This is not supported by any model.

12.5.4 bcpSMTPMail1Address (1.3.6.1.4.1.1129.1.2.1.1.5.5.4)

Data type String255
Read/Write read-write
Update timing Start-up
Description E-mail address of the destination (Multiple-link is enabled.)
Value E-mail address of the destination
Remarks This is not supported by any model.

12.5.5 bcpSMTPMail1Form (1.3.6.1.4.1.1129.1.2.1.1.5.5.5)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Format
Value

0	Subject
1	Subject + Details
2	Subject + Counter
3	Subject + Message
4	Subject + Details + Counter
5	Subject + Details + Message
6	Subject + Counter + Message
7	Subject + Details + Counter + Message

Remarks This is not supported by any model.

12.5.6 bcpSMTPMail1Message (1.3.6.1.4.1.1129.1.2.1.1.5.5.6)

Data type String255
Read/Write read-write
Update timing Start-up
Description Attachment message
Value Message
Remarks This is not supported by any model.

12.5.7 bcpSMTPMail2Enable (1.3.6.1.4.1.1129.1.2.1.1.5.5.7)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description E-mail Function
Value

0	OFF
1	Error 1
2	Error 2
3	Print head broken element
4	Error 1 + Error 2
5	Error 1 + Print head broken element
6	Error 2 + Print head broken element
7	Error 1 + Error 2 + Print head broken element

Remarks This is not supported by any model.

12.5.8 bcpSMTPMail2Address (1.3.6.1.4.1.1129.1.2.1.1.5.5.8)

Data type String255
Read/Write read-write
Update timing Start-up
Description E-mail address of the destination (Multiple-link is enabled.)
Value E-mail address of the destination
Remarks This is not supported by any model.

12.5.9 bcpSMTPMail2Form (1.3.6.1.4.1.1129.1.2.1.1.5.5.9)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description Format
Value

0	Subject
1	Subject + Details
2	Subject + Counter
3	Subject + Message
4	Subject + Details + Counter
5	Subject + Details + Message
6	Subject + Counter + Message
7	Subject + Details + Counter + Message

Remarks This is not supported by any model.

12.5.10 bcpSMTPMail2Message (1.3.6.1.4.1.1129.1.2.1.1.5.5.10)

Data type String255
Read/Write read-write
Update timing Start-up
Description Attachment message
Value Message
Remarks This is not supported by any model.

12.6 bcpSNMPUSMTable (1.3.6.1.4.1.1129.1.2.1.1.5.6)

The bcpSNMPUSMTable group manages the printer SNMP security information and supports the following objects.

- bcpSNMPUSMEntry (1)

bcpSNMPUSMEntry (1.3.6.1.4.1.1129.1.2.1.1.5.6.1)

The bcpSNMPUSMEntry group manages the printer SNMP security information and supports the following objects.

- bcpSNMPUSMIndex (1)
- bcpSNMPSecurityUserName (2)
- bcpSNMPContextName (3)
- bcpSNMPContextEngineID (4)
- bcpSNMPAuthenticationProtocol (5)
- bcpSNMPAuthenticaionPassword (6)
- bcpSNMPPrivacyProtocol (7)
- bcpSNMPPrivacyPassword (8)
- bcpSNMPUSMCommand (9)

12.6.1 bcpSNMPUSMIndex (1.3.6.1.4.1.1129.1.2.1.1.5.6.1.1)

Data type	Integer32
Read/Write	not-accessible
Update timing	Start-up
Description	USM Index
Value	1 to 10
Remarks	This is not supported by any model.

12.6.2 bcpSNMPSecurityUserName (1.3.6.1.4.1.1129.1.2.1.1.5.6.1.2.X)

*X: 1 to 10

Data type	String63
Read/Write	read-write
Update timing	Start-up
Description	Security user name
Value	Same as “Description”
Remarks	This is not supported by any model.

12.6.3 bcpSNMPContextName (1.3.6.1.4.1.1129.1.2.1.1.5.6.1.3.X)

*X: 1 to 10

Data type	String63
Read/Write	read-write
Update timing	Start-up
Description	Context name
Value	Same as “Description”
Remarks	This is not supported by any model.

12.6.4 bcpSNMPContextEngineID (1.3.6.1.4.1.1129.1.2.1.1.5.6.1.4.X)

*X: 1 to 10

Data type	String63
Read/Write	read-write
Update timing	Start-up
Description	Context engine ID
Value	Same as “Description”
Remarks	This is not supported by any model.

12.6.5 bcpSNMPAuthenticationProtocol (1.3.6.1.4.1.1129.1.2.1.1.5.6.1.5.X)

*X: 1 to 10

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Authentication protocol
Value	Same as “Description”
Remarks	This is not supported by any model.

12.6.6 bcpSNMPAuthenticaionPassword(1.3.6.1.4.1.1129.1.2.1.1.5.6.1.6.X)

*X: 1 to 10

Data type	String127
Read/Write	read-write
Update timing	Start-up
Description	Authentication Password
Value	Same as “Description”
Remarks	This is not supported by any model.

12.6.7 bcpSNMPPrivacyProtocol (1.3.6.1.4.1.1129.1.2.1.1.5.6.1.7.X)

*X: 1 to 10

Data type	Integer32
Read/Write	read-write
Update timing	Start-up
Description	Privacy protocol
Value	Same as “Description”
Remarks	This is not supported by any model.

12.6.8 bcpSNMPPrivacyPassword (1.3.6.1.4.1.1129.1.2.1.1.5.6.1.8.X)

*X: 1 to 10

Data type	String127
Read/Write	read-write
Update timing	Start-up
Description	Privacy password
Value	Same as “Description”
Remarks	This is not supported by any model.

12.6.9 bcpSNMPUSMCommand (1.3.6.1.4.1.1129.1.2.1.1.5.6.1.9.X)

*X: 1 to 10

	Data type Integer32
Read/Write	read-write
Update timing	Start-up
Description	USM command
Value	Same as “Description”
Remarks	This is not supported by any model.

13 bcpMemoryTable (1.3.6.1.4.1.1129.1.2.1.1.6)

The bcpMemoryTable group manages the storage area information of the printer and supports the following objects.

- bcpAssignEntry (1)
- bcpBASICEntry (2)

13.1 bcpAssignEntry (1.3.6.1.4.1.1129.1.2.1.1.6.1)

The bcpAssignEntry group manages the storage area information of the printer and supports the following objects.

- bcpAssignEXFontArea (1)
- bcpAssignEXFontFree (2)
- bcpAssignPCSaveArea (3)
- bcpAssignPCSaveFree (4)
- bcpAssignTTFArea (5)
- bcpAssignTTFFree (6)
- bcpAssignBasicArea (7)
- bcpAssignBasicFree (8)
- bcpAssignSLOT1Area (9)
- bcpAssignSLOT1Free (10)
- bcpAssignSLOT2Area (11)
- bcpAssignSLOT2Free (12)
- bcpAssignFormTotalArea (13)
- bcpAssignFormFreeArea (14)
- bcpAssignGraphicTotalArea (15)
- bcpAssignGraphicFreeArea (16)
- bcpAssignTTFArea (17)
- bcpAssignTTFFree (18)

13.1.1 bcpAssignEXFontArea (1.3.6.1.4.1.1129.1.2.1.1.6.1.1)

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	Writable characters storage area
Value	0 to 80000 (K byte)
Remarks	

13.1.2 bcpAssignEXFontFree (1.3.6.1.4.1.1129.1.2.1.1.6.1.2)

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	Writable characters storage area free space
Value	0 to 80000 (K byte)
Remarks	A-BRID does not apply the limitations separately to each area. The blank capacity of the download area is returned. (The remaining value by subtracting download area usage from 80000k bytes)

13.1.3 bcpAssignPCSaveArea (1.3.6.1.4.1.1129.1.2.1.1.6.1.3)

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	PC command storage area
Value	0 to 80000 (K byte)
Remarks	

13.1.4 bcpAssignPCSaveFree (1.3.6.1.4.1.1129.1.2.1.1.6.1.4)

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	PC command storage area free space
Value	0 to 80000 (K byte) The maximum value varies depending on the models.
Remarks	A-BRID does not apply the limitations separately to each area. The blank capacity of the download area is returned. (The remaining value by subtracting download area usage from 80000k bytes)

13.1.5 bcpAssignTTFArea (1.3.6.1.4.1.1129.1.2.1.1.6.1.5)

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	TTF storage area
Value	0 to 80000 (K byte)
Remarks	

13.1.6 bcpAssignTTFFree (1.3.6.1.4.1.1129.1.2.1.1.6.1.6)

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	TTF storage area free space
Value	0 to 80000 (K byte)
Remarks	A-BRID does not apply the limitations separately to each area. The blank capacity of the download area is returned. (The remaining value by subtracting download area usage from 80000k bytes)

13.1.7 bcpAssignBasicArea (1.3.6.1.4.1.1129.1.2.1.1.6.1.7)

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	BASIC program storage area
Value	0 to 4096 (K byte)
Remarks	BX400/BX600: Not supported

13.1.8 bcpAssignBasicFree (1.3.6.1.4.1.1129.1.2.1.1.6.1.8)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description BASIC program storage area free space
Value 0 to 4096 (K byte)
Remarks BX400/BX600: Not supported

13.1.9 bcpAssignSLOT1Area (1.3.6.1.4.1.1129.1.2.1.1.6.1.9)

Data type Integer32
Read/Write read-only
Update timing As needed
Description USB memory
Value

BX410/BX420/BX430	0 to 9999999 (K byte)
BX610/BX620	0 to 9999999 (K byte)

Reference

B-SA4T	0
B-SX6T	0
B-SX8T	0
B-850-R	0
B-SX4T	0 to 4096 (K byte)
B-SX5T	0 to 4096 (K byte)
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	0 to 4096 (K byte)
B-FV4	0 to 9999999 (K byte)
B-EX4T	0 to 9999999 (K byte)
B-EX6T	0 to 9999999 (K byte)
B-EX4D	0 to 9999999 (K byte)
BA410T/BA420T	0 to 9999999 (K byte)
BV410D/BV420D	0 to 9999999 (K byte)

13.1.10 bcpAssignSLOT1Free (1.3.6.1.4.1.1129.1.2.1.1.6.1.10)

Data type Integer32
Read/Write read-only
Update timing As needed
Description USB memory free space
Value

BX410/BX420/BX430	0 to 9999999 (K byte)
BX610/BX620	0 to 9999999 (K byte)

Reference

B-SA4T	0
B-SX6T	0
B-SX8T	0
B-850-R	0
B-SX4T	0 to 4096 (K byte)
B-SX5T	0 to 4096 (K byte)
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	0 to 4096 (K byte)
B-FV4	0 to 9999999 (K byte)
B-EX4T	0 to 9999999 (K byte)
B-EX6T	0 to 9999999 (K byte)
B-EX4D	0 to 9999999 (K byte)
BA410T/BA420T	0 to 9999999 (K byte)
BV410D/BV420D	0 to 9999999 (K byte)

13.1.11 bcpAssignSLOT2Area (1.3.6.1.4.1.1129.1.2.1.1.6.1.11)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description SLOT2 card memory
Value

BX410/BX420/BX430	0
BX610/BX620	0

Reference

B-SA4T	0
B-SX6T	0
B-SX8T	0
B-850-R	0
B-SX4T	0 to 4096 (K byte)
B-SX5T	0 to 4096 (K byte)
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0
B-EX6T	0
B-EX4D	0
BA410T/BA420T	0
BV410D/BV420D	0

13.1.12 bcpAssignSLOT2Free (1.3.6.1.4.1.1129.1.2.1.1.6.1.12)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description SLOT 2 card memory free space
Value

BX410/BX420/BX430	0
BX610/BX620	0

Reference

B-SA4T	0
B-SX6T	0
B-SX8T	0
B-850-R	0
B-SX4T	0 to 4096 (K byte)
B-SX5T	0 to 4096 (K byte)
B-450-R	0
B-462-R	0
B-EP2DL-G	
B-EP4DL-G	
B-EP4DL-T	
B-FP2D	N/A
B-FP3D	N/A
B-EV4	N/A
B-FV4	N/A
B-EX4T	0
B-EX6T	0
B-EX4D	0
BA410T/BA420T	0
BV410D/BV420D	0

13.1.13 bcpAssignFormTotalArea (1.3.6.1.4.1.1129.1.2.1.1.6.1.13)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description FORM area
Value 0 to 896 (K byte)
Remarks BX400/BX600: Not supported

13.1.14 bcpAssignFormFreeArea (1.3.6.1.4.1.1129.1.2.1.1.6.1.14)

Data type Integer32
Read/Write read-only
Update timing Start-up
Description FORM area free space
Value 0 to 896 (K byte)
Remarks BX400/BX600: Not supported

13.1.15 bcpAssignGraphicTotalArea (1.3.6.1.4.1.1129.1.2.1.1.6.1.15)

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	Graphic area
Value	0 to 192 (K byte)
Remarks	BX400/BX600: Not supported

13.1.16 bcpAssignGraphicFreeArea (1.3.6.1.4.1.1129.1.2.1.1.6.1.16)

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	Graphic area free space
Value	0 to 192 (K byte)
Remarks	BX400/BX600: Not supported

13.1.17 bcpAssignOTFArea (1.3.6.1.4.1.1129.1.2.1.1.6.1.17)

Data type	Integer32
Read/Write	read-only
Update timing	Start-up
Description	OTF area
Value	25600 (K byte) fixed
Remarks	BX400/BX600: Not supported

13.1.18 bcpAssignOTFFree (1.3.6.1.4.1.1129.1.2.1.1.6.1.18)

Data type	Integer32
Read/Write	read-only
Update timing	As needed
Description	OTF area free space
Value	0 to 25600 (K byte)
Remarks	BX400/BX600: Not supported

13.2 bcpBASICEntry (1.3.6.1.4.1.1129.1.2.1.1.6.2)

The bcpAssignEntry group manages the BASIC program storage area information and supports the following objects.

- bcpBasicEnable (1)
- bcpBasicTraceEnable (2)
- bcpBasicFile (3)

13.2.1 bcpBasicEnable (1.3.6.1.4.1.1129.1.2.1.1.6.2.1)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description BASIC specification
Value

0	Disable
1	Enable

Remarks BX400/BX600: Not supported

13.2.2 bcpBasicTraceEnable (1.3.6.1.4.1.1129.1.2.1.1.6.2.2)

Data type Integer32
Read/Write read-write
Update timing Start-up
Description BASIC trace function
Value

0	Disable
1	Enable

Remarks BX400/BX600: Not supported

13.2.3 bcpBasicFile (1.3.6.1.4.1.1129.1.2.1.1.6.2.3)

Data type String255
Read/Write read-only
Update timing Start-up
Description BASIC file name
Value Same as “Description”
Remarks BX400/BX600: Not supported

14 bcpPrivateSystem (1.3.6.1.4.1.1129.1.2.1.2)

The bcpPrivateSystem group manages the printer version information and supports the following objects.

- bcpPrivateMibTable (1)
- bcpPrivateChkDLTable (2)

14.1 bcpPrivateMibTable (1.3.6.1.4.1.1129.1.2.1.2.1)

The bcpPrivateMibTable group manages the printer MIB version and supports the following objects.

- bcpPrivateMibVersion (1)

14.1.1 bcpPrivateMibVersion (1.3.6.1.4.1.1129.1.2.1.2.1.1)

Data type String255
Read/Write read-only
Update timing Start-up
Description MIB version
Value

BX410/BX420/BX430	V001.001
BX610/BX620	V001.001

Reference

B-SA4T	N/A	
B-SX6T	V1.6 or later	V001.002
	V1.5 or before	V001.001
B-SX8T	B-SX8T-QM/CN C1.6	V001.002
	B-SX8T-TS15-R/CND-R B-SX8T-QM/CN V1.5 or before	V001.001
B-850-R		
B-SX4T	C5.8 or later	V001.002
	C5.7C or before	V001.001
B-SX5T	C5.8 or later	V001.002
	C5.7C or before	V001.001
B-450-R		
B-462-R		
B-EP2DL-G		
B-EP4DL-G		
B-EP4DL-T		
B-FP2D	V001.001	
B-FP3D	V001.001	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T	B-EX4T2: C1.1 or later B-EX4T1-TS25-R: V2.4 or later	V001.002
	B-EX4T1 B-EX4T2: C1.0E or before	V001.001
B-EX6T	V001.004	
B-EX4D	V001.003	
BA410T/BA420T	V001.001	
BV410D/BV420D	V001.001	

14.2 bcpPrivateChkDLTable (1.3.6.1.4.1.1129.1.2.1.2.2)

The bcpPrivateChkDLTable group manages the hardware version of the printer and supports the following objects.

- bcpPrivateChkDLHardInfo (1)
- bcpPrivateChkDlMachineInfo (2)

14.2.1 bcpPrivateChkDLHardInfo (1.3.6.1.4.1.1129.1.2.1.2.2.1)

Data type String255
Read/Write read-only
Update timing Start-up
Description PC board information
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Reference

B-SA4T			
B-SX6T			
B-SX8T			
B-850-R			
B-SX4T			
B-SX5T			
B-450-R			
B-462-R			
B-EP2DL-G			
B-EP4DL-G	GH40		0100
	GH42		0100
B-EP4DL-T	TH40		0100
	TH42		0100
B-FP2D	0210		
B-FP3D	0200		
B-EV4	N/A		
B-FV4	N/A		
B-EX4T	Version C	QM/CN/QQ	0020
	Version V	JA	0021
	Version N	QM/CN	0080
B-EX6T	Version V	QM/CN/QQ	0022
		JA	0022
B-EX4D	Version D	QM/CN/QQ	0020
BA410T/BA420T	0300		
BV410D/BV420D	0400		

Version C: Firmware C1.0x
Version V: Firmware V1.0x
Version N: Firmware N1.0x
Version D: Firmware D1.0x

14.2.2 bcpPrivateChkDlMachineInfo (1.3.6.1.4.1.1129.1.2.1.2.2.2)

Data type String255
Read/Write read-only
Update timing Start-up
Description Model information
Value

BX410/BX420/BX430	Not supported
BX610/BX620	Not supported

Reference

B-SA4T		
B-SX6T		
B-SX8T		
B-850-R		
B-SX4T		
B-SX5T		
B-450-R		
B-462-R		
B-EP2DL-G	00001001	
B-EP4DL-G	GH40	00001002
	GH42	00001202
B-EP4DL-T	TH40	00001003
	TH42	00001203
B-FP2D	00000102	
B-FP3D	00000102	
B-EV4	N/A	
B-FV4	N/A	
B-EX4T1	Version C/V	00000001
B-EX4T2-G/T	Version C	00000002
B-EX4T2-H	Version C	00000003
B-EX6T1/T3	Version V	T1: 00000006 T3: 00000007
B-EX4D2	Version D	00000005
B-EX4T3-H	Version V	00000006
B-EX4T1	Version N	00000011
BA410T/BA420T	00000301	
BV410D/BV420D	00000400	

Version C: Firmware C1.0x
Version V: Firmware V1.0x
Version N: Firmware N1.0x
Version D: Firmware D1.0x

15 MIB Related to the Printer Status

BX400/BX600

Status	Enterprises MIB		Host Resource MIB			Printer MIB
	bcpStatusID	bcpStatusDisplay	hrDeviceStatus	hrPrinterStatus	hrPrinterDetectedErrorState	prtAlertIndex
Idle	0	ON LINE	2 (running)	3 (idle)	0x00	0
Head open	1	HEAD OPEN	5 (down)	1 (other)	0x08 (doorOpen)	1
Pause	4	PAUSE	5 (down)	1 (other)	0x02 (offline)	1
Communication error	7	COMMS ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	3
Paper jam	11	PAPER JAM	5 (down)	1 (other)	0x04 (jammed)	4
Cutter error	12	CUTTER ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	5
Paper end	13	NO PAPER	5 (down)	1 (other)	0x40 (noPaper)	6
Ribbon end	14	NO RIBBON	5 (down)	1 (other)	0x10 (noToner)	7
Head open error	15	HEAD OPEN	5 (down)	1 (other)	0x08 (doorOpen)	8
Print head broken element	17	HEAD ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	9
Excessive print head temperature	18	EXCESS HEAD TEMP	5 (down)	1 (other)	0x01 (serviceRequested)	10
Ribbon error	21	RIBBON ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	11
Cover open	24	COVER OPEN	5 (down)	1 (other)	0x08 (doorOpen)	12
Save mode	55	SAVING	2 (running)	3 (idle)	0x00	0
Format error	51	FORMAT ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	1
Write error	50	Other than B-EX: FLASH WRITE ERR. B-EX: MEMORY WRITE ERR	5 (down)	1 (other)	0x01 (serviceRequested)	1
Memory full	54	Other than B-EX: FLASH CARD FULL B-EX: MEMORY FULL	5 (down)	1 (other)	0x01 (serviceRequested)	1
Stack overflow	Not output	Not output	Not output	Not output	Not output	Not output
Stacker error	Not output	Not output	Not output	Not output	Not output	Not output
RFID write error	61	RFID WRITE ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	16
RFID timeout	Not output	Not output	Not output	Not output	Not output	Not output
RFID communication error	62	RFID ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	17
RFID module error	62	RFID ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	17

RFID configuration error	65	RFID CONFIG ERR	5 (down)	1 (other)	0x01 (serviceRequested)	17
Low battery	36	LOW BATTERY	5 (down)	1 (other)	0x01 (serviceRequested)	14
Rewinder full	22	REWIND FULL	5 (down)	1 (other)	0x08 (doorOpen)	13
In operation	2	ON LINE	2 (running)	4 (printing)	0x00	0
Waiting to be stripped	5	ON LINE	2 (running)	4 (printing)	0x00	0
Command error	6	Other than B-EX: COMMAND ERROR B-EX: SYNTAX ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	2
Ribbon near end (Idle)	27	ON LINE	3 (warning)	3 (idle)	0x20 (lowToner)	0
Ribbon near end (Pause)	28	PAUSE	3 (warning)	1 (other)	0x20 (lowToner)	1
Ribbon near end (Operation)	29	ON LINE	3 (warning)	4 (printing)	0x20 (lowToner)	0
Normal end of label issue	Not output	Not output	Not output	Not output	Not output	Not output
Normal end of label feed	Not output	Not output	Not output	Not output	Not output	Not output
End of void pattern printing	Not output	Not output	Not output	Not output	Not output	Not output

Alert for prtAlertIndex of Printer MIB

prtAlertIndex	prtAlert SeverityLevel	prtAlert TrainingLevel	prtAlert Group	prtAlert GroupIndex	prtAlert Location	prtAlert Code	prtAlert Description
0	0	0	5	-1	0	0	“”
1	4	3	5	-1	0	10	“PAUSE”
2	3	2	5	-1	0	1507	Other than B-EX: “COMMAND ERROR” B-EX: “SYNTAX ERROR”
3	3	2	5	-1	0	11	“COMMS ERROR”
4	4	4	5	-1	0	8	“PAPER JAM”
5	4	4	5	-1	0	12	“CUTTER ERROR”
6	4	3	5	-1	0	808	“PAPER END”
7	4	3	5	-1	0	1103	“RIBBON END”
8	4	3	5	-1	0	5	“HEAD OPEN”
9	3	5	5	-1	0	13	“HEAD ERROR”
10	3	2	5	-1	0	14	“EXCESS HEAD TEMP”
11	4	4	5	-1	0	15	“RIBBON ERROR”
12	4	3	5	-1	0	501	“COVER OPEN”
13	4	3	5	-1	0	903	“REWIND FULL”
14	3	5	5	-1	0	1	“LOW BATTERY”
16	3	5	5	-1	0	1	“RFID WRITE ERROR”
17	4	4	5	-1	0	1	“RFID ERROR”

Other than the B-FP series

Status	Enterprises MIB		Host Resource MIB			Printer MIB
	bcpStatusID	bcpStatusDisplay	hrDeviceStatus	hrPrinterStatus	hrPrinterDetectedErrorState	prtAlertIndex
Idle	0	ON LINE	2 (running)	3 (idle)	0x00	0
Head open	1	HEAD OPEN	5 (down)	1 (other)	0x08 (doorOpen)	1
Pause	4	PAUSE	5 (down)	1 (other)	0x02 (offline)	1
Communication error	7	COMMS ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	3
Paper jam	11	PAPER JAM	5 (down)	1 (other)	0x04 (jammed)	4
Cutter error	12	CUTTER ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	5
Paper end	13	NO PAPER	5 (down)	1 (other)	0x40 (noPaper)	6
Ribbon end	14	NO RIBBON	5 (down)	1 (other)	0x10 (noToner)	7
Head open error	15	HEAD OPEN	5 (down)	1 (other)	0x08 (doorOpen)	8
Print head broken element	17	HEAD ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	9
Excessive print head temperature	18	EXCESS HEAD TEMP	5 (down)	1 (other)	0x01 (serviceRequested)	10
Ribbon error	21	RIBBON ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	11
Cover open	24	COVER OPEN	5 (down)	1 (other)	0x08 (doorOpen)	12
Save mode	55	SAVING	2 (running)	3 (idle)	0x00	0
Format error	51	FORMAT ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	1
Write error	50	Other than B-EX: FLASH WRITE ERR. B-EX: MEMORY WRITE ERR	5 (down)	1 (other)	0x01 (serviceRequested)	1
Memory full	54	Other than B-EX: FLASH CARD FULL B-EX: MEMORY FULL	5 (down)	1 (other)	0x01 (serviceRequested)	1
Stack overflow	Not output	Not output	Not output	Not output	Not output	Not output
Stacker error	Not output	Not output	Not output	Not output	Not output	Not output
RFID write error	61	RFID WRITE ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	16
RFID timeout	Not output	Not output	Not output	Not output	Not output	Not output
RFID communication error	62	RFID ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	17
RFID module error	62	RFID ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	17
RFID configuration error	65	RFID CONFIG ERR	5 (down)	1 (other)	0x01 (serviceRequested)	17

Low battery	36	LOW BATTERY	5 (down)	1 (other)	0x01 (serviceRequested)	14
Rewinder full	22	REWIND FULL	5 (down)	1 (other)	0x08 (doorOpen)	13
In operation	2	ON LINE	2 (running)	4 (printing)	0x00	0
Waiting to be stripped	5	ON LINE	2 (running)	4 (printing)	0x00	0
Command error	6	Other than B-EX: COMMAND ERROR B-EX: SYNTAX ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	2
Ribbon near end (Idle)	27	ON LINE	3 (warning)	3 (idle)	0x20 (lowToner)	0
Ribbon near end (Pause)	28	PAUSE	3 (warning)	1 (other)	0x20 (lowToner)	1
Ribbon near end (Operation)	29	ON LINE	3 (warning)	4 (printing)	0x20 (lowToner)	0
Normal end of label issue	Not output	Not output	Not output	Not output	Not output	Not output
Normal end of label feed	Not output	Not output	Not output	Not output	Not output	Not output
End of void pattern printing	Not output	Not output	Not output	Not output	Not output	Not output

Alert for prtAlertIndex of Printer MIB

prtAlertIndex	prtAlert SeverityLevel	prtAlert TrainingLevel	prtAlert Group	prtAlert GroupIndex	prtAlert Location	prtAlert Code	prtAlert Description
0	0	0	5	-1	0	0	“”
1	4	3	5	-1	0	10	“PAUSE”
2	3	2	5	-1	0	1507	Other than B-EX: “COMMAND ERROR” B-EX: “SYNTAX ERROR”
3	3	2	5	-1	0	11	“COMMS ERROR”
4	4	4	5	-1	0	8	“PAPER JAM”
5	4	4	5	-1	0	12	“CUTTER ERROR”
6	4	3	5	-1	0	808	“PAPER END”
7	4	3	5	-1	0	1103	“RIBBON END”
8	4	3	5	-1	0	5	“HEAD OPEN”
9	3	5	5	-1	0	13	“HEAD ERROR”
10	3	2	5	-1	0	14	“EXCESS HEAD TEMP”
11	4	4	5	-1	0	15	“RIBBON ERROR”
12	4	3	5	-1	0	501	“COVER OPEN”
13	4	3	5	-1	0	903	“REWIND FULL”
14	3	5	5	-1	0	1	“LOW BATTERY”
16	3	5	5	-1	0	1	“RFID WRITE ERROR”
17	4	4	5	-1	0	1	“RFID ERROR”

In case of the B-FP series

Status	Enterprises MIB		Host Resource MIB			Printer MIB
	bcpStatusID	bcpStatusDisplay	hrDeviceStatus	hrPrinterStatus	hrPrinterDetectedErrorState	prtAlertIndex
Idle	0	ONLINE	2 (running)	3 (idle)	0x00	0
Head open	1	COVER OPEN	5 (down)	1 (other)	0x08 (doorOpen)	1
Online	2	ON LINE	2 (running)	4 (printing)	0x00	0
Pause	4	PAUSE	5 (down)	1 (other)	0x02 (offline)	1
Waiting to be stripped	5	LABEL PRESENT	2 (running)	4 (printing)	0x00	0
Command error	6	SYNTAX ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	2
Issue End + Paper End	9	NO PAPER	5 (down)	1 (other)	0x40 (noPaper)	6
Paper jam	11	PAPER JAM	5 (down)	1 (other)	0x04 (jammed)	4
Paper end	13	NO PAPER	5 (down)	1 (other)	0x40 (noPaper)	6
Cover open error	15	COVER OPEN	5 (down)	1 (other)	0x08 (doorOpen)	8
Print head broken element	17	HEAD ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	9
Excessive print head temperature	18	EXCESS HEAD TEMPERATURE	5 (down)	1 (other)	0x01 (serviceRequested)	10
Air Temperature Error	19	AMBIENT TEMP ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	18
Battery Temperature Error	32	BATTERY TEMP ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	19
Battery High Voltage Error	33	HIGH VOLT. ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	20
Low Battery	36	LOW BATTERY	5 (down)	1 (other)	0x01 (serviceRequested)	14
Charge Error	37	CHARGE ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	21
Waiting for Battery high temperature	45	WAITING (BATTERY)	2 (running)	4 (printing)	0x00	0
Waiting for Head high temperature	46	WAITING (HEAD)	2 (running)	4 (printing)	0x00	0
Waiting for Motor high temperature	47	WAITING (MOTOR)	2 (running)	4 (printing)	0x00	0
Write error	50	FLASH WRITE ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	1
Format error	51	FORMAT ERROR	5 (down)	1 (other)	0x01 (serviceRequested)	1
Memory full	54	FLASH MEMORY FULL	5 (down)	1 (other)	0x01 (serviceRequested)	1
Save mode	55	SAVING	2 (running)	3 (idle)	0x00	0
Normal end of label issue	Not output	Not output	Not output	Not output	Not output	Not output
Normal end of label feed	Not output	Not output	Not output	Not output	Not output	Not output

Alert for prtAlertIndex of Printer MIB

prtAlertIndex	prtAlert SeverityLevel	prtAlert TrainingLevel	prtAlert Group	prtAlert GroupIndex	prtAlert Location	prtAlert Code	prtAlert Description
0	0	0	5	-1	0	0	“”
1	4	3	5	-1	0	10	2PAUSE”
2	3	2	5	-1	0	1507	“SYNTAX ERROR”
4	4	4	5	-1	0	8	“PAPER JAM”
6	4	3	5	-1	0	808	“NO PAPER”
8	4	3	5	-1	0	5	“COVER OPEN”
9	3	5	5	-1	0	13	“HEAD ERROR”
10	3	2	5	-1	0	14	“EXCESS HEAD TEMPERATURE”
14	3	5	5	-1	0	1	“LOW BATTERY”
18	3	2	5	-1	0	1	“AMBIENT TEMP ERROR”
19	3	2	5	-1	0	1	“BATTERY TEMP ERROR”
20	3	2	5	-1	0	1	“HIGH VOLT. ERROR”
21	3	2	5	-1	0	1	“CHARGE ERROR”
23	3	2	5	-1	0	1	“WIRELESS CHG ERROR”

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