PRODUCT SPEC SHEET
SB1 SMART BADGE



ZEBRA

SB1 SMART BADGE

THE AFFORDABLE, WEARABLE MOBILE DEVICE DESIGNED FOR EVERY RETAIL ASSOCIATE

Turn shoppers into buyers. Today's shoppers are tough customers — they have higher expectations and more knowledge than ever before. They expect an immaculate store, with shelves stocked with the products they want to buy. They expect your sales associates to answer whatever question they might have in seconds — just like their smartphones can. Delivering superior service to these customers is a real challenge. But if your associates are wearing the powerful SB1 smart badge from Zebra, they can. The SB1 is a brand new category of mobile device that you can give to every one of your retail associates. This truly smart badge is full of the features every associate needs to deliver the best customer experience, with the connectivity needed to keep them productive, every minute of every day. Now, the badges your associates wear can allow associates to: access a personalized task list; accept tasks and acknowledge completion; scan a bar code to check price and inventory; and connect via push-to-talk (PTT) with other workers carrying practically any other PTT-enabled mobile device in use in the store. The result is a powerful always-connected workforce that can always access the people and information they need to maximize productivity and exceed your customers' expectations on every visit.

Small, lightweight and wearable
The compact, light SB1 is easily worn on a lanyard, belt clip or armband — where it is comfortable and always available.

Durable — built for everyday use
The SB1 is a true enterprise product, built to handle everyday use, from drops, spills and exposure to dust, heat and cold.

Easy to read — everywhere
The 3 in. E Ink® Pearl display is easy to read in virtually every lighting condition.

1-D/2-D enterprise bar code scanning
Omni-directional scanning, an integrated aimer, LED and beeper make scanning a breeze — just point and shoot, even if bar codes are dirty, damaged or poorly printed.

Full shift power
The low-power E Ink display provides over 14 hours of battery life from a single charge — enough to power more than one shift. In badge mode, the screen can display an associate's picture and name or advertise a promotion — yet the display draws virtually no power at all.

Customizable bezel
Pick your color and add your logo to promote your brand and enable customers to instantly identify your associates.

Easy 'touch' navigation

Finger-style navigation eliminates the need for a stylus and supports a gloved hand.

Screen inversion for easy viewing
An accelerometer instantly orients the screen 180° based on device position for easy viewing by customers and users.

Built for sharing
No need to assign devices — workers can simply log in at the start of a shift to access their personal task list and messages.

Business-class push-to-talk*
At the press of a button, users can talk to other workers who are carrying an SB1, a Zebra mobile computer, a two-way radio* or other mobile devices.

Your data is safe and secure
The SB1 supports HTML5 thin client applications where the data resides on servers instead of the device, simplifying application deployment and eliminating the risk of data theft if the device is lost or stolen.

Easily connect to wireless networks
With our Wi-Fi 802.11b/g/n radio, your workers get a secure and solid wireless connection to your WLAN — so voice and data features are simply always available.

THE SB1 SMART BADGE. THE RIGHT FEATURES. THE RIGHT PRICE. THE SMART WAY TO CONNECT ALL YOUR ASSOCIATES.

For more information, visit **www.zebra.com/sb1** or access our global contact directory at **www.zebra.com/contact**

SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS

Dimensions	3.62 in. L x 3.19 in. W x 0.55 in D 92 mm L x 81 mm W x 14 mm D
Weight	3.9 oz./110 g
Display	3.0 inch E Ink Pearl display; 4-bit gray scale (16 shades); QVGA (320x240)
Touchpanel	Full screen resistive touch; finger operation (no stylus)
Battery	910mAH (full charging in less than 4 hours)
Notification	Audio: beeper Visual: multi-color LEDs
Audio	Integrated microphone; accessories include optional speaker with push-to-talk and wired headset adapters
Disinfectant Ready	Yes
Colors	Black, Healthcare White

PERFORMANCE CHARACTERISTICS

CPU	i.MX35 (532MHz)

DATA CAPTURE

Bar Code Reader	1-D/2-D omni-directional bar code reader with integrated aiming and built-in illumination
Reading Range Code Type:	
80% UPC	**Near** : 2.50 in./6.35 cm **Far** : 9.36 in./23.77 cm
100% UPC	**Near** : 2.67 in./6.78 cm **Far** : 13.47 in./34.21 cm
7.5mil Code 39	**Near** : 2.02 in.*/5.08 cm **Far** : 8.57 in./5.13 cm
10mil Code 39	**Near** : 2.54 in.*/6.45 cm **Far** : 20.67 in./52.50 cm
10mil PDF417	**Near** : 1.64 in.*/4.16 cm **Far** : 7.98 in./20.27
10mil DataMatrix	**Near** : 2.76 in.*/7.01 cm **Far** : 5.41 in./13.74 cm

*** Near distance field of view is limited and will depend on bar code length.**

PERIPHERALS AND ACCESSORIES

Memory	128 MB RAM/128 MB Flash
Applications	Supports thin client applications — HTML5 with RhoElements extensions

USER ENVIRONMENT

Operating Temp.	32° F to 104° F/0° C to 40° C
Storage Temp.	-40° F to 158° F/-40° C to 70° C
Humidity	5 to 95% non-condensing
Drop Specification	Multiple 4 ft./1.22 m drop to tile over concrete per MIL STD 810G specifications
Sealing	IP54

INTERACTIVE SENSOR TECHNOLOGY (IST)

Motion Sensor	Integrated accelerometer enables low-power badge mode and screen rotation

VOICE AND AUDIO

PTT voice communications; integrated microphone, optional high-quality speaker for PTT communications; optional headset adapter for wired headset support

RECOMMENDED SERVICES

Service from the Start Advance Exchange Support

*** The Zebra Push-to-Talk Express client is required on all devices to enable push-to-talk services to mobile computers and third-party smartphones. Zebra Radio Link is required to enable push-to-talk with two-way radios.**

10-slot charging cradle (desk and rack mountable); single-slot charging cradle; headset adapter; PTT headset (speaker, microphone, PTT button and volume control); speaker accessory adapter with integrated speaker and PTT button; lanyard with hook for single-handed operation and removal; belt clip/holster with tether; wrist/arm-band; developer back housing with USB communication

REGULATORY

Visit www.zebra.com/sb1 for regulatory information

WARRANTY

Subject to the terms of Zebra's hardware warranty statement, the SB1 is warranted against defects in workmanship and materials for a period of 12 months from the date of shipment. For complete warranty statement, go to: http://www.zebra.com/warranty

WIRELESS LAN VOICE AND DATA COMMUNICATIONS

Radio	Wi-Fi IEEE® 802.11b/g/n

INCLUDED SOFTWARE

Zebra Technologies RhoElements webkit application environment; SB1 device shell and configuration pages; Zebra integrated MSP Rapid Deployment client for zero-touch staging and provisioning

Part number: SS-SB1-A4. Printed in USA 04/15.©2015 ZIH Corp. ZEBRA, the Zebra head graphic and Zebra Technologies logo are trademarks of ZIH Corp, registered in many jurisdictions worldwide. All rights reserved. All other trademarks are the property of their respective owners.

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