QUICKSCAN™ I QBT2400

DATALOGIC

IMAGING TECHNOLOGY

The popularity of 2D bar codes has spread across all market segments of the data capture industry. Now, with more affordable pricing and virtually no drawbacks with area imaging technology, 2D bar code readers are in high demand with features such as reading from mobile phone displays or in planning ahead for future 2D codes and imaging needs.

NEW ILLUMINATION AND AIMING SYSTEM

Ideally suited for applications at the point-of-sale (POS), the QuickScan QBT2400 imager features a new illumination and aiming system developed with the unique intent to reduce visual stress of the operator during the daily scanning activities. It consists of a soft, dark red illumination combined with two blue LED triangles pointing at the targeted bar code. The result is a precise aiming system which contributes to low eye fatigue, yet still allows top operator efficiency. The reader also features Datalogic's patented 'Green Spot' technology for additional good read confirmation by placing a green spot directly on the code.

CORDLESS FEATURES

Featuring Bluetooth® Wireless Technology, the QuickScan QBT2400 2D imager can transmit data to the host through its base station as well as to any commercial or embedded Bluetooth compliant device.

The QBT2400 2D imager can also be connected to any tablet using either iOS or Android operating systems via the Bluetooth HID profile.

An innovative, long lasting and user replaceable Li-Ion battery package allows the simultaneous replacement of battery and scanner contacts to allow a refresh of the most significant parts related to mobile products functionality.

A microUSB port on the scanner foot allows an auxiliary method for battery recharging and also allows the product to be used without the cradle.



FEATURES

- Bluetooth® Wireless Technology with up to 25.0 m / 76.2 ft range
- Compatible with Android and iOS devices through the Bluetooth HID profile
- Easy, tool-free, user-replaceable, long-lasting lithium-ion battery
- Alternative battery recharging through USB / microUSB cable
- Latch mechanism secures reader in cradle providing stable mobility for use on carts
- New battery package allows simultaneous charging contacts change at battery replacement
- Reduced visual stress with LED-based aiming system
- Datalogic's patented 'Green Spot' technology for good-read feedback
- Batch Mode capability: +500 linear codes stored in memory
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

- Retail
  - Point of Sale Checkout
  - Shelf Replenishment
  - Goods Receiving
  - Inventory
- Commercial Services
  - Postal
  - Banks
  - Public Administration
  - Utilities

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TECHNICAL SPECIFICATIONS

CORDLESS COMMUNICATIONS

BLUETOOTH WIRELESS TECHNOLOGY	Piconet: Max. Readers per Radio Receiver Using Commercial Dongle: 7; Using Cradle: 1
PROFILES	HID (Human Interface Device) SPP (Serial Port Profile)
PROTOCOL	Bluetooth 3.0 Certified Class 2
RADIO FREQUENCY	2.4 GHz
RADIO RANGE (OPEN AIR)	25.0 m / 76.2 ft Range distances are measured using the base station. Range with connection to other Bluetooth peripherals may show different results.
SECURITY	Data Encryption; Scanner Authentication

DECODING CAPABILITY

1D / LINEAR CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D CODES	Aztec Code; Aztec Mesas; Data Matrix; MaxiCode; QR Code, Micro QR Code; China Han Xin Code
POSTAL CODES	Australian Post; British Post; Canadian Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC)
STACKED CODES	EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites

ELECTRICAL

BATTERY	Battery Type: Lithium-Ion 1400 mAh Charge Time: External Power: < 3 hrs @ 12 VDC; Reads per Charge: 30,000 +
INPUT VOLTAGE	4.75 - 14 VDC

ENVIRONMENTAL

AMBIENT LIGHT	0 - 100,000 lux
DROP RESISTANCE	Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface.
ESD PROTECTION (AIR DISCHARGE)	16 kV
HUMIDITY (NON-CONDENSING)	5 - 95%
PARTICULATE AND WATER SEALING	IP42
TEMPERATURE	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F

INTERFACES

INTERFACES	Keyboard Wedge / OEM (IBM) USB / RS-232 / USB

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE	Black, White
DIMENSIONS	16.3 x 9.1 x 4.1 cm / 6.4 x 3.6 x 1.6 in
WEIGHT	Reader: 200 g / 7.1 oz Base/Charger: 230 g / 8.1 oz

READING PERFORMANCE

IMAGER SENSOR	Wide VGA: 752 x 480 pixels
LIGHT SOURCE	Aiming: 2 Blue LED's; Illumination: Red LED 610 - 650 nm
MOTION TOLERANCE	25 IPS
PRINT CONTRAST RATIO (MINIMUM)	25%
READING ANGLE	Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 60°
READING INDICATORS	Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED
RESOLUTION (MAXIMUM)	0.102 mm / 4 mils (Linear Codes)

READING RANGES

TYPICAL DEPTH OF FIELD: Minimum distance determined by symbol length and scan angle.
Printing resolution, contrast, and ambient light dependent

Code 39	5 mils:	0.5 to 15.0 cm / 0.2 to 5.9 in
EAN/UPCA	13 mils:	0.5 to 35.0 cm / 0.2 to 13.8 in
PDF417	6.6 mils:	2.0 to 15.0 cm / 0.8 to 5.9 in
Data Matrix	10 mils:	2.0 to 16.0 cm / 0.8 to 6.3 in

SAFETY & REGULATORY

AGENCY APPROVALS	The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications.
ENVIRONMENTAL COMPLIANCE	Complies to China RoHS; Complies to EU RoHS

UTILITIES

DATALOGIC ALADDIN™	Datalogic Aladdin configuration program is available for download at no charge.
OPOS / JAVAPOS	JavaPOS Utilities are available for download at no charge. OPOS Utilities are available for download at no charge.
REMOTE HOST DOWNLOAD	Lowers service costs and improves operations.

WARRANTY

WARRANTY	3-Year Factory Warranty

ACCESSORIES

Mounts/Stands



▪ STD-QD24-BK Stand, Black



▪ STD-QD24-WH Stand, White

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About LOGISCENTER

Logiscenter is the leading provider of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

All Brands Technical Service

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Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

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