

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 / 82.0 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

BLUETOOTH TECHNOLOGY PROFILES	WIRELESS	Piconet: Max. Readers per Radio Receiver Using Commercial Dongle: 7; Using Cradle: 1 HID (Human Interface Device) SPP (Serial Port Profile) Bluetooth 3.0 Certified Class 2 2.4 GHz 25.0 m / 82.0 ft Range distances are measured using the base station. Range with connection to other Bluetooth peripherals may show different results. Data Encryption; Scanner Authentication	READING PERFORMANCE	IMAGER SENSOR LIGHT SOURCE MOTION TOLERANCE PRINT CONTRAST RATIO (MINIMUM) READING ANGLE READING INDICATORS RESOLUTION (MAXIMUM)	Wide VGA: 752 x 480 pixels Aiming: 2 Blue LED's; Illumination: Red LED 610 - 650 nm 25 IPS 29% Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 60° Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED 0.102 mm / 4 mils (Linear Codes)
SECURITY			READING RANGES		
DECODING CAPABILITY			TYPICAL DEPTH OF FIELD		Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent
1D / LINEAR CODES		Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.			Code 395 mils: 0.5 to 15.0 cm / 0.2 to 5.9 in EAN/UPCA13 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
2D CODES		Aztec Code; Aztec Mesas; Data Matrix; MaxiCode; QR Code, Micro QR Code; China Han Xin Code	SAFETY & REGULATORY		
POSTAL CODES		Australian Post; British Post; Canadian Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC)	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. Complies to China RoHS; Complies to EU RoHS
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	ENVIRONMENTAL		
ELECTRICAL			COMPLIANCE UTILITIES		
BATTERY		Battery Type: Lithium-Ion 1400 mAh Charge Time: External Power: < 3 hrs @ 12 VDC; Reads per Charge: 30,000 +	DATALOGIC ALADDIN™		
INPUT VOLTAGE		4.75 - 14 VDC	OPOS / JAVAPOS		Datalogic Aladdin configuration program is available for download at no charge. JavaPOS Utilities are available for download at no charge.
ENVIRONMENTAL			REMOTE HOST		OPOS Utilities are available for download at no charge.
AMBIENT LIGHT		0 - 100,000 lux	DOWNLOAD WARRANTY		
DROP RESISTANCE		Withstands repeated drops from 1.5 m / 5.0 ft to a concrete surface.	WARRANTY		no charge. Lowers service costs and improves operations.
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			3-Year Factory Warranty
PHYSICAL CHARACTERISTICS		Black, White			
COLORS AVAILABLE					
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			

ACCESSORIES

Mounts/Stands



• STD-QD24-BK Stand, Black



• STD-QD24-WH Stand, White