QUICKSCAN™ I QBT2400

ODATALOGIC





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 pointof-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-lon 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
- 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

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

ODATALOGIC

TECHNICAL SPECIFICATION

CORDLESS COMMUNICATIONS

BLUETOOTH WIRELESS TECHNOLOGY

PROFILES

PROTOCOL RADIO FREQUENCY RADIO RANGE (OPEN AIR) 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

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 Australian Post; British Post; Canadian Post; POSTAL CODES China Post; IMB; Japanese Post; KIX Post; Korea

(RM4SCC)

STACKED CODES EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar

Stacked: GS1 DataBar Stacked Omnidirectional: MacroPDF; MicroPDF417; PDF417;

Post; Planet Code; Postnet; Royal Mail Code

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+

4.75 - 14 VDC

0 - 100,000 lux

onto a concrete surface.

INPUT VOLTAGE

ENVIRONMENTAL

AMBIENT LIGHT DROP RESISTANCE

ESD PROTECTION (AIR DISCHARGE) **HUMIDITY (NON-CONDENSING)** PARTICULATE AND WATER SEALING

TEMPERATURE

5 - 95% IP42

Operating: 0 to 50 °C / 32 to 122 °F

Storage/Transport: -40 to 70 °C / -40 to 158 °F

Withstands repeated drops from 1.5 m / 5.0 ft

INTERFACES

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

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 Reader: 200 g / 7.1 oz WEIGHT

Base/Charger: 230 g / 8.1 oz

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 25%

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)

READING RANGES

TYPICAL DEPTH OF FIELD

Minimum distance determined by symbol length

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 6.6 mils: 2.0 to 15.0 cm / 0.8 to 5.9 in PDF417 Data Matrix 10 mils: 2.0 to 16.0 cm / 0.8 to 6.3 in

SAFETY & REGULATORY

AGENCY APPROVALS

ENVIRONMENTAL COMPLIANCE

The product meets necessary safety and regulatory approvals for its intended use.

The Ouick Reference Guide for this product can be referred to for a complete list of certifications. Complies to China RoHS; Complies to EU RoHS

UTILITIES

DATALOGIC ALADDIN^{TO}

OPOS / JAVAPOS

Datalogic Aladdin configuration program is available for download at no charge. JavaPOS Utilities are available for download at no

charge

OPOS Utilities are available for download at no

REMOTE HOST DOWNLOAD

Lowers service costs and improves operations.

WARRANTY

WARRANTY 3-Year Factory Warranty

Mounts/Stands





