QUICKSCAN™ LITE QW2400

ODATALOGIC





AREA IMAGING TECHNOLOGY

The QuickScan Lite QW2400 2D area imager is an entry level scanner specifically designed for reading long and truncated 1D codes and larger 2D codes from close distance. The QW2400 imager has an extra-wide Field of View (FOV) which captures these challenging 1D and 2D codes at a nominal distance using different scan angles, meeting the scanning needs in Retail, Light Manufacturing, Document/Bill Processing and Banking/Finance. The QuickScan Lite 2D imager is the most affordable area imager with the best performance in its class.

DESIGNED WITH THE USER IN MIND

The QW2400 imager is small, lightweight and its ergonomic design is comfortable to use in daily operations. It offers snappy reading performance on most commonly used 1D and 2D codes, whether printed or displayed on a mobile device. The white illumination combined with the blue aiming dot provides users with a visible and clear aiming system without irritating the user's eyes. Datalogic's patented 'Green Spot' technology provides goodread feedback in noisy environments and the internal beeper can be silenced for quiet environments.

SIMPLICITY IS THE BEST

The QW2400 area imager is available in two interface options: USB or Keyboard Wedge/RS-232. Customers can purchase the scanner only or separate certified kits which include a cable and stand.

All accessories can be shared with the QW2100 linear imager, making it easier for customers to upgrade from 1D to 2D readers.



FEATURES

- Wide scan angle and Field of View (FOV)
- Blue aiming dot on white illumination

GREEN

- Datalogic's patented 'Green Spot' technology for good-read feedback
- Two interface options: USB or Keyboard Wedge / RS-232
- Excellent performance in reading bar codes displayed on mobile devices
- Built with over-molded rubber to protect the imager when dropped
- Compact and multi-position stand
- Water and Particulate Sealing Rating: IP42
- Drop resistance to 1.5 m / 5.0 ft
- Uses the same cables and power supplies as the current QuickScan products
- USB certified kits available
- Remote Host Download lowers service costs and improves operations and is available for all models
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

- Retai
- Light Manufacturing
- Document / Bill Processing
- Banking / Financial Environments



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QUICKSCAN™ LITE QW2400

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TECHNICAL SPECIFICATIONS

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; Japanese Post; IMB; KIX Post; Planet Code;

Postnet; Royal Mail Code (RM4SCC) EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked: GS1 DataBar Stacked Omnidirectional: MacroPDF; MicroPDF417; PDF417;

UPC A/E Composites

READING PERFORMANCE

IMAGER SENSOR Field of View: 48 x 37° (H x V) Wide VGA: 640 x 480 pixels LIGHT SOURCE Aiming: 1 Blue LED;

MOTION TOLERANCE PRINT CONTRAST RATIO (MINIMUM)

READING ANGLE READING INDICATORS

RESOLUTION (MAXIMUM)

READING RANGES

TYPICAL DEPTH OF FIELD

Illumination: White LED 350 - 770 nm

Pitch:+/- 65°; Roll (Tilt):+/- 360°; Skew (Yaw):+/- 65° Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED Code 39: 4 mils: 0.102 mm

Minimum distance determined by symbol length

Printing resolution, contrast, and ambient light

EAN/UPCA: 13 mils: 0.5 to 30.0 cm / 0.2 to 11.8 in

Data Matrix: 10 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in

Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in

PDF417: 6.6 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in

OR: 20 mils: 1.0 to 14 cm / 0.4 to 5.5 in

PDF417: 6.6 mils: 0.168 mm QR/Data Matrix: 7.5 mils: 0.191 mm

ELECTRICAL

STACKED CODES

CURRENT Operating (Typical): 170 mA @ 5 VDC Standby/Idle (Typical): 90 mA @ 5 VDC

5 VDC +/- 10%

INPUT VOLTAGE

ENVIRONMENTAL

AMBIENT LIGHT DROP RESISTANCE

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

Up to 92,000 lux

Withstands repeated drops from 1.5 m / 5.0 ft onto

a concrete surface. 16 kV

0 - 95%

Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F

SAFETY & REGULATORY

ENVIRONMENTAL COMPLIANCE

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

dependent.

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

INTERFACES

INTERFACES QW2470-BK: RS-232/Keyboard Wedge

OW2420-BK: USB

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE DIMENSIONS WEIGHT

7.1 x 17.1 x 6.6 cm / 2.8 x 6.7 x 2.6 in 120.0 g / 4.2 oz

UTILITIES

DATALOGIC ALADDIN^{TO} Datalogic Aladdin configuration program is available for download at no charge JavaPOS Utilities are available for download at no OPOS / JAVAPOS

OPOS Utilities are available for download at no

charge.

REMOTE HOST DOWNLOAD Lowers service costs and improves operations.

WARRANTY

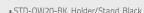
WARRANTY 3-Year Factory Warranty



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STD-QWG20-BK Gooseneck Stand, Black