QUICKSCAN™ LITE QW2100

DATALOGIC

MULTI-PURPOSE USES FOR DIFFERENT APPLICATIONS

The QuickScan™ Lite QW2100 linear imager is an entry level product created specifically for reading long and truncated bar codes which is common in some areas of the world. It is perfect for use in retail, light manufacturing, document/bill processing and banking/ finance environments.

The QW2100 imager is small, lightweight and its ergonomic design is comfortable to use during daily operations. It offers snappy reading performance on most 1D bar codes and features a wide scanning angle with an extended scanning line which is perfect for capturing longer and wider bar codes typically found on utility bills and used by manufacturers of electronic parts. Additionally, the scanning line is thinner and brighter, allowing users to scan at wide angles without having to increase the scanning distance.

The QW2100 imager is available with two interface options: USB or Keyboard Wedge / RS-232 and includes various packaging options so that it can be ordered as a scanner only or as a kit equipped with a scanner, cable and stand to facilitate hands-free reading options.

VERSATILE STAND

A specially designed stand has been created for the QW2100 imager which is light in weight, collapsible to use as a holder instead of a stand, and also has a 'tiltable head' for various angle settings.



FEATURES

- Wide scan angle
- Laser-like thinner and extended scan line
- Datalogic's patented 'Green Spot' technology for good-read feedback
- Two interface options: USB or Keyboard Wedge / RS-232
- 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
- Bulk packaging available (10 scanners per box)
- USB Certified Kits available
- Remote Host Download lowers service costs and improves operations (-RM models only)
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

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

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TECHNICAL SPECIFICATIONS

DECODING CAPABILITY

1D / LINEAR CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
POSTAL CODES	Australian Post; British Post; Canadian Post; China Post; 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

ELECTRICAL

CURRENT	Operating (Typical): <180 mA @ 5 VDC Standby/Idle (Typical): <25 mA @ 5 VDC Sleep Mode: USB Suspend (QW2120): <2 mA @ 5 VDC Low Power Mode (QW2170): <6 mA @ 5 VDC
INPUT VOLTAGE	5 VDC +/- 0.5 V

ENVIRONMENTAL

AMBIENT LIGHT	120,000 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	QW2170-BK: RS-232 / Keyboard Wedge QW2120-BK: USB

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE	Black
DIMENSIONS	17.0 x 6.5 x 7.0 cm / 6.7 x 2.5 x 2.7 in
WEIGHT	119.0 g / 4.2 oz

READING PERFORMANCE

LIGHT SOURCE	Red LED 610-650 nm
PRINT CONTRAST RATIO (MINIMUM)	25%
READ RATE (MAXIMUM)	400 reads/sec.
READING ANGLE	Pitch: +/- 65°; Roll (Tilt): +/- 45°; Skew (Yaw): +/- 70°
READING INDICATORS	Beeper (Adjustable Tone); Datalogic 'Green Spot' Good Read Feedback; Good Read LED; Good Transmission
RESOLUTION (MAXIMUM)	0.102 mm / 4 mils (1D Codes)
FIELD OF VIEW	56° +/- 2°

READING RANGES

TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. 5 mils : 2.5 to 15.0 cm / 1.0 to 6.0 in 7.5 mils : 0 to 24.0 cm / 0 to 9.4 in 10 mils: 0 to 35.0 cm / 0 to 13.8 in 13 mils: 0 to 40.0 cm / 0 to 15.7 in 20 mils: 0 to 60.0 cm / 0 to 23.6 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 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 not charge.
REMOTE HOST DOWNLOAD	Lowers service costs and improves operations (-RM models only)

WARRANTY

WARRANTY	3-Year Factory Warranty

ACCESSORIES

Mounts/Stands

- STD-QW20-BK Holder/Stand, Black

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