QUICKSCAN™ LITE QW2100

ODATALOGIC





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 /
- 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

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

TECHNICAL SPECIFICATIONS

QUICKSCAN™ LITE QW2100

ODATALOGIC

DECODING CAPABILITY

1D / LINEAR CODES

Autodiscriminates all standard 1D codes including
GS1 DataBar™linear codes.

POSTAL CODES
China Post
STACKED CODES
EAN/JAN Composites; GS1 DataBar Composites;

EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional

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

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

ENVIRONMENTAL

AMBIENT LIGHT

DROP RESISTANCE

Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface

ESD PROTECTION (AIR DISCHARGE)

HUMIDITY (NON-CONDENSING)

PARTICULATE AND WATER SEALING

TEMPERATURE

1942

Operating: 0 to 50 °C / 32 to 122 °F

5 VDC +/- 0.5 V

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 (Til

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

5 mils: 2.5 to 15.0 cm / 1.0 to 6.0 ii 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

UTILITIE

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

CESSORIES

Mounts/Stands

STD-QW20-BK Holder/Stand, Black



