QUICKSCAN™ I QD2131

DATALOGIC

LINEAR DECODING

Today there is an increased trend towards 2D bar codes, however, linear bar codes are still dominant in the Automatic Data Capture industry. Long linear bar codes are commonly used in a variety of applications including Utility bills, Document Processing and Packaging. These long linear codes are a challenge for full area imagers to read because of their narrow field of view and shorter depth of field.

ENHANCED PERFORMANCE

The QuickScan QD2131 imager is the next generation of the QuickScan 2100 series and features an extra-wide field of view and an extra-long scan line which allows users to read longer bar codes from a closer distance. Additionally, the QD2131 imager has an extended reading range which exceeds the requirements of most general purpose scanning applications. The highly visible scan line makes the imager more user-friendly.

The enhanced decoding algorithm enables the QD2131 imager to capture and decode bar codes more quickly.

Elegant design details are incorporated into a smaller, lightweight enclosure without sacrificing durability.

The QD2131 imager also supports the Remote Management functions using the Host Download application.

PERFECT FOR RETAIL AND DOCUMENT PROCESSING APPLICATIONS

Ideally suited for applications at the point-of-sale (POS), the QuickScan QD2131 imager can also read loyalty cards and codes from a mobile phone screen, which a laser scanner is not capable of doing. This is very useful to meet the needs of emerging mobile marketing applications.



FEATURES

- Light weight and balanced design
- Extra-wide scan angle and extra-long scan line
- Extended reading range and depth of field (DOF)
- Sharp and highly visible scan line
- Decent depth of field reading for general purpose scanning applications
- Datalogic's patented 'Green Spot' technology for good-read feedback
- IP42 rating for Particulate and Water Sealing
- 1.5 m / 5.0 ft drop specification
- 5-Year standard factory warranty
- 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
  - Banks
  - Public Administration
  - Utilities
  - Entertainment

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TECHNICAL SPECIFICATIONS

DECODING CAPABILITY

1D / LINEAR CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
STACKED CODES	EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; UPC A/E Composites

ELECTRICAL

CURRENT	Operating (Typical): 140 mA @ 5 VDC; Standby/Idle (Typical): 50 mA @ 5 VDC
INPUT VOLTAGE	4.75 - 14 VDC +/-10%

ENVIRONMENTAL

AMBIENT LIGHT	0 - 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)	90%
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

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
WEIGHT	Reader: 150 g / 5.3 oz

READING PERFORMANCE

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

READING RANGES

- DEPTH OF FIELD: Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.

Code 39: 4 mils:	4.5 to 18.0 cm / 1.7 to 7.1 in
Code 39: 5 mils:	2.0 to 18.0 cm / 0.8 to 7.1 in
Code 39: 7.5 mils:	2.0 to 30.0 cm / 0.8 to 11.8 in
Code 39: 10 mils:	2.0 to 44.0 cm / 0.8 to 17.3 in
EAN: 13 mils:	2.0 to 58.0 cm / 0.8 to 22.8 in
Code 39: 20 mils:	up to 75.0 cm / up to 29.2 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 complete 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 no charge.
REMOTE HOST DOWNLOAD	Lowers service costs and improves operations.

WARRANTY

WARRANTY	5-Year Factory Warranty

ACCESSORIES

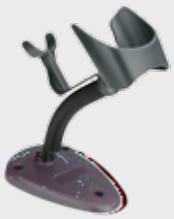
Mounts/Stands



▪ STD-QD24-BK Stand, Black



▪ STD-QD24-WH Stand, White



▪ STD-AUTFLX-QD24-BK Autosense Flex Stand, Black



▪ STD-AUTO-QD24-BK Stand, Black



▪ STD-AUTO-QD24-WH Stand, White

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