QUICKSCAN™ I QBT2131

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 bar codes are commonly used in a variety of applications including utilities bills, document processing and packaging. These long codes are a challenge for full area imagers to read due to their narrow field of view and shorter depth of field.

ENHANCED PERFORMANCE

The QuickScan QBT2131 imager's extra-wide field of view and extra-long scan line makes reading long bar codes in closer distances much easier. The sharp and highly visible scan line makes the scanner more user-friendly to use, while the enhanced depth of field enables bar codes to be read at an intuitive distance. The stylish design is the signature of the QuickScan series, completing a consistent family appearance.

CORDLESS FEATURES

Featuring Bluetooth® Wireless Technology, the QuickScan QBT2131 imager can transmit data to the host through its base station as well as to any commercial or embedded Bluetooth compliant device.



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FEATURES	INDUSTRY - APPLICATIONS

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TECHNICAL SPECIFICATIONS

CORDLESS COMMUNICATIONS

BLUETOOTH WIRELESS TECHNOLOGY	Piconet: Max. Readers per Radio Receiver Using Commercial Dongle: 7; Using Cradle: 1
PROFILES	HID (Human Interface Device) SPP (Serial Port Profile)
PROTOCOL	Bluetooth 3.0 Certified Class 2
RADIO FREQUENCY	2.4 GHz
RADIO RANGE (OPEN AIR)	25.0 m / 82.0 ft Range distances are measured using the base station. Range with connection to other Bluetooth peripherals may show different results.
SECURITY	Data Encryption; Scanner Authentication

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

BATTERY	Battery Type: Lithium-Ion 1400 mAh Charge Time: External Power: 4 hrs @ 12 VDC; Reads per Charge: 30,000+
INPUT VOLTAGE	4.75 - 14 VDC

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: 190 g / 6.7 oz Base/Charger: 221 g / 7.8 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

TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. 4 mils: 3.0 to 11.0 cm / 1.2 to 4.3 in 5 mils: 2.0 to 15.0 cm / 0.8 to 5.9 in 7.5 mils: 2.0 to 25.0 cm / 0.8 to 9.8 in 10 mils: 2.0 to 36.0 cm / 0.8 to 14.2 in 13 mils: 1.0 to 45.0 cm / 0.4 to 17.7 in 20 mils: 4.0 to 70.0 cm / 1.5 to 27.5 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	3-Year Factory Warranty

ACCESSORIES

Mounts/Stands



▪ STD-QD24-BK Stand, Black



▪ STD-QD24-WH Stand, White



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

Miscellaneous



▪ 007100100 Direct Charging Cable

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