QUICKSCAN™ I QBT2131

DATALOGIC

_NETSelekt.pl

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.

The QBT2131 linear imager can also be connected to any tablet using either iOS or Android operating systems via the Bluetooth HID profile.

An innovative, long lasting and user replaceable Li-Ion battery package allows the simultaneous replacement of battery and scanner contacts for a refresh of the most significant parts related to a mobile product's functionality.

A microUSB port on the scanner foot allows an auxiliary method for battery recharging and host download configuration, and also allows the product to be used without the cradle.



FEATURES

- Extra-wide scan angle and extra-long scan line
- Sharp and highly visible scan line
- Enhanced depth of field for general purpose scanning applications
- Bluetooth® Wireless Technology with up to 25.0 m / 82.0 ft range
- Compatible with Android and iOS devices through the Bluetooth HID profile
- Easy, tool-free, user-replaceable, long-lasting lithium-ion battery
- New battery package allows simultaneous change of charging contacts during battery replacement
- Alternative battery recharging through USB / microUSB cable
- Datalogic's patented 'Green Spot' technology for good-read feedback
- Batch Mode capability: +500 linear codes stored in memory
- 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

QUICKSCAN™ I QBT2131

DATALOGIC

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

© 2015 Datalogic ADC, Inc. ▪ All rights reserved. ▪ Protected to the fullest extent under U.S. and international laws. ▪ Copying, or altering of this document is prohibited without express written consent from Datalogic ADC, Inc. ▪ Datalogic and the Datalogic logo are registered trademarks of Datalogic S.p.A. in many countries, including the U.S. ▪ Datalogic Aladdin is a trademark of Datalogic ADC S.r.l. ▪ QuickScan is a registered trademark of Datalogic ADC, Inc. in many countries, including the U.S. and the E.U. ▪ The Bluetooth word mark and logos are owned by Bluetooth SIG, Inc. and any use of such marks by Datalogic ADC, Inc. is under license. ▪ All other brand and product names are trademarks of their respective owners.
DS-QUICKSCANIQBT2131-EN Revision B 20150428