QUICKSCAN™ I QM2131

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 QM2131 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 Datalogic's STAR 2.0 Cordless System for narrow band 433 MHz radio communications, the QM2131 linear imager provides secure radio communications with no risk of interference from Wi-Fi infrastructure and very low sensitivity to obstacles like concrete walls, wood or metal shelves.

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
- Datalogic's STAR2.0 Cordless System™ with up to 25.0 m / 82.0 ft range
- Secure radio communications, interference-free with low sensitivity to obstacles
- 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

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TECHNICAL SPECIFICATIONS

CORDLESS COMMUNICATIONS

DATALOGIC STAR2.0 CORDLESS SYSTEM™	Effective Radiated Power: 433.92 MHz; Point-to-Point Configuration
RADIO FREQUENCY	433 MHz
RADIO RANGE (OPEN AIR)	25.0 m / 82.0 ft

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