



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

TECHNICAL SPECIFICATIONS

CORDLESS COMMUNICATIONS

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

DECODING CAPABILITY

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| 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

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| 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

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| 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

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| INTERFACES | Keyboard Wedge / OEM (IBM) USB / RS-232 / USB |
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PHYSICAL CHARACTERISTICS

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| 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: 215 g / 7.6 oz |

READING PERFORMANCE

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| 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

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|------------------------|---|
| 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

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| 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

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|----------------------|---|
| 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

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| WARRANTY | 3-Year Factory Warranty |
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ACCESSORIES

Mounts/Stands



▪ STD-QD24-BK Stand, Black



▪ STD-QD24-WH Stand, White

Miscellaneous



▪ 007100100 Direct Charging Cable