MAGELLAN™ 1100i OEM

◇DATALOGIC

SIMPLE TO INTEGRATE

The Magellan 1100i OEM module easily integrates into kiosks, price verifiers or vending machines requiring 1D or 2D code reading. The imaging scan volume is optimized for these OEM applications by providing a large reading area at the window of the module where items are typically presented. Red LEDs also illuminate when an item is presented to the imager and indicate when the item is within the reading area.

IMAGING TECHNOLOGY WITH ADVANCED FEATURES

Going beyond laser scanner performance, the Magellan 1100i imaging module features Datalogic ADC's latest digital imaging technology for fast reading performance on 1D and 2D bar codes and supports advanced features like image capture. Illumix™ intelligent illumination technology additionally optimizes light levels for the automatic reading of bar codes from mobile phones and for capturing images in a variety of ambient light environments.

INTERFACE SETS AND VALUE ADDED FEATURES HELP TO STREAMLINE OPERATIONS

Like all Magellan bar code scanners, the Magellan 1100i OEM imaging module includes a comprehensive multi-interface set and a powerful label editing feature that allows easy integration into new or existing host systems. Magellan Value Added Features include Diagnostics Reporting and Host Download with optional Productivity Index Reporting™. Integrators can use this additional data from the imaging module to improve maintenance and efficiency. In addition, each module supports Remote Management Systems to streamline operations and ongoing support across an entire enterprise.

FEATURES

- Aggressive performance on 1D and optional 2D codes
- Digital imaging technology eliminates moving parts for improved reliability
- Illumix™ intelligent illumination technology auto-detects bar codes from mobile phones or PDA's
- Compact, sealed enclosure with metal screw inserts is easy to integrate
- Large imaging scan volume is optimized for untrained users
- On-board speaker for audible feedback
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

- OEM Applications:
  - Service Kiosks
  - Price Verifiers
  - Ticket Readers
  - Document Handling
  - Medical Laboratories
  - Vending Machines
  - Additional Automated Equipment

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TECHNICAL SPECIFICATIONS

DECODING CAPABILITY

1D / LINEAR CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes
2D CODES	Aztec; Data Matrix; MaxiCode; QR Code
STACKED CODES	GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MicroPDF417; PDF417

ELECTRICAL

CURRENT	Operating (Typical): < 400 mA Standby/Idle (Typical): < 300 mA
INPUT VOLTAGE	4.5 - 14.0 VDC

ENVIRONMENTAL

AMBIENT LIGHT	Indoor: 0 - 6,000 lux; Outdoor: 0 - 86,100 lux
DROP RESISTANCE	Withstands repeated drops from 1.2 m / 4.0 ft onto a concrete surface
ESD PROTECTION (AIR DISCHARGE)	25 kV
HUMIDITY (NON-CONDENSING)	5 - 95%
PARTICULATE AND WATER SEALING	IP52
TEMPERATURE	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F

INTERFACES

INTERFACES	IBM 46xx; Keyboard Wedge; OEM (IBM) USB; RS-232; RS-485; USB

OPTIONAL FEATURES

EAS FEATURES	Checkpoint Systems: Integrated EAS hardware will work with Counterpoint IX and Evolve D11 models Sensormatic: Good Read Acknowledgement
VALUE ADDED FEATURES	Diagnostic Reporting; Host Download; Productivity Index Reporting™ (PIR)

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE	Black
DIMENSIONS	8.6 x 7.1 x 6.6 cm / 3.4 x 2.8 x 2.6 in
WEIGHT	198.5 g / 7.0 oz

READING PERFORMANCE

IMAGE CAPTURE	Graphic Formats: Optional: 752 x 480 pixels; JPEG
PRINT CONTRAST RATIO (MINIMUM)	25%
READ RATE (MAXIMUM)	1,768 digital scan lines/sec.
READING ANGLE	Pitch: +/- 65°; Roll (Tilt): 0 - 360°; Skew (Yaw): +/- 75°
READING INDICATORS	Beeper (Adjustable Tone and Volume)
RESOLUTION (MAXIMUM)	0.130 mm / 5 mils
SCAN LINES	Digital: 136

READING RANGES

TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. 5 mils: 1.3 to 4.6 cm / 0.5 to 1.8 in 7.5 mils : 0.63 to 5.71 cm / 0.25 to 2.25 in 10 mils: 0 to 12.7 cm / 0 to 5.0 in 13 mils: 0 to 15.2 cm / 0 to 7.0 in 20 mils: 0 to 17.1 cm / 0 to 7.0 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 EU RoHS
LED CLASSIFICATION	IEC 60825 Class 1 LED

UTILITIES

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	2-Year Factory Warranty

BACK VIEW

Back mounting screw insert

Cable connects out of the bottom

BOTTOM VIEW

Cable connects out of the bottom

Two mounting inserts on the bottom