

Omnidirectional Bar Code Reader

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. Going beyond laser scanner performance, the Magellan 1100i imaging module features Datalogic Scanning'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. Illumix technology also provides incredible

motion tolerance making it ideal for selfservice applications involving untrained users. 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.

The Magellan 1100i OEM module provides high performance and reliability along with a rich feature set to provide excellent value for virtually any system requiring a bar code reader.

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





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Specifications

DECODING CAPABILITY

1D / LINEAR CODES

2D CODES

STACKED CODES

Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes

MicroPDF417: PDF417

ELECTRICAL

CURRENT

INPUT VOLTAGE

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

ENVIRONMENTAL

AMBIENT LIGHT DROP RESISTANCE

ESD PROTECTION (AIR DISCHARGE) HUMIDITY (NON-CONDENSING) PARTICULATE AND WATER SEALING **TEMPERATURE**

OPTIONAL FEATURES

EAS FEATURES

INTERFACES

VALUE ADDED FEATURES

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE DIMENSIONS WFIGHT

READING PERFORMANCE

IMAGE CAPTURE PRINT CONTRAST RATIO (MINIMUM) **READ RATE (MAXIMUM)** READING ANGLE **READING INDICATORS RESOLUTION (MAXIMUM) SCAN LINES**

READING RANGES

TYPICAL DEPTH OF FIELD

SAFETY & REGULATORY

AGENCY APPROVALS

ENVIRONMENTAL COMPLIANCE LED CLASSIFICATION

UTILITIES

OPOS / JAVAPOS

REMOTE HOST DOWNLOAD

WARRANTY

Aztec; Data Matrix; MaxiCode; QR Code GS1 DataBar Composites; GS1 DataBar Expanded Stacked;

GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional;

With stands repeated drops from 1.2 m / 4.0 ft onto a concrete

25 kV 5 - 95%

Operating: 0 to 50 $^{\circ}\text{C}$ / 32 to 122 $^{\circ}\text{F}$

Storage/Transport: -40 to 70 °C / -40 to 158 °F

Indoor: 0 - 6.000 lux: Outdoor: 0 - 86.100 lux

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

Checkpoint Systems: Integrated EAS hardware will work with

Counterpoint IV, V, VI and VII models Sensormatic: Good Read Acknowledgement

Diagnostic Reporting; Host Download; Productivity Index Reporting™

Graphic Formats: Optional: 752 x 480 pixels; JPEG

1,768 digital scan lines/sec.

8.6 x 7.1 x 6.6 cm / 3.4 x 2.8 x 2.6 in

Pitch: +/- 65°; Roll (Tilt): 0 - 360°; Skew (Yaw): +/- 75°

Beeper (Adjustable Tone and Volume)

0.130 mm / 5 mils Digital: 136

198.5 g / 7.0 oz

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

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.

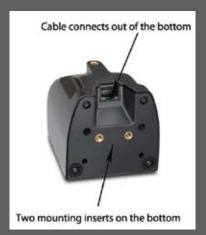
Complies to EU RoHS IEC 60825 Class 1 LED

JavaPOS Utilities are available for download at no charge: OPOS Utilities are available for download at no charge Lowers service costs and improves operations

2-Year Factory Warranty



BACK VIEW



BOTTOM VIEW

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