

# MAGELLAN™ 1100i OEM



### **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 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.

Illumix technology also provides incredible motion tolerance making it ideal for self-service 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<sup>™</sup> 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







## **SPECIFICATIONS**

# MAGELLAN™ 1100i O

#### **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

INPIIT 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

Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F

**INTERFACES** 

**TEMPERATURE** 

**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

WFIGHT 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.

Complies to EU RoHS **ENVIRONMENTAL COMPLIANCE** LED CLASSIFICATION IFC 60825 Class 1 LFD

UTILITIES

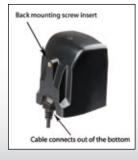
WARRANTY

JavaPOS Utilities are available for download at no charge; OPOS / JAVAPOS OPOS Utilities are available for download at no charge.

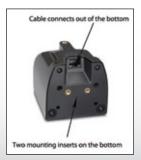
REMOTE HOST DOWNLOAD Lowers service costs and improves operations.

WARRANTY 2-Year Factory Warranty

**RACK VIFW** 



**ROTTOM VIEW** 



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