M A G E L L A N [™] 800 i

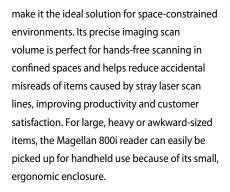


On-Counter Presentation Omnidirectional Bar Code Reader

The Magellan[™] 800i omnidirectional presentation scanner is a versatile data collection tool for many applications. It uses Datalogic Scanning's latest digital imaging technology to provide intuitive and fast reading of 1D and 2D bar codes as well as supporting more advanced features like image capture and EAS tag deactivation. Despite its small size, the Magellan 800i reader provides big performance and reliability along with a rich feature set to provide excellent value in virtually any data collection system.

The Magellan 800i reader uses third generation Illumix[™] intelligent illumination technology to optimize light levels for automatically reading bar codes from mobile phones and for capturing images. Illumix technology also provides incredible motion tolerance, exceeding other 2D scanning solutions, enabling both 'sweep' and 'presentation' style scanning techniques.

When space is limited but high performance is required, look no further than the Magellan 800i reader. Its compact size and footprint



Like all Magellan bar code scanners, the Magellan 800i reader includes a powerful label editing tool which can parse or manipulate label data and also allows easy integration into existing or new host systems. The Magellan family of value added features (including Diagnostics Reporting, Host Download, and Advanced Label Editing) allow management to use valuable data from the scanner to improve throughput and manage maintenance. In addition, each Magellan 800i reader supports Remote Management Systems to streamline operations and ongoing support across an enterprise.

Improve your productivity and expand your data collection possibilities at the POS and beyond with the versatile Magellan 800i omnidirectional bar code reader.



Features

- Aggressive performance on 1D and 2D codes increases productivity
- Powerful Advanced Data Editing for custom host output
- No moving parts for improved reliability
- Illumix[™] intelligent illumination technology for reading bar codes from mobile phones or laptops
- Ergonomically designed for handsfree or handheld operation
- Small footprint for easy installation into space constrained applications
- Precise imaging scan volume eliminates misreads caused by stray laser scan lines
- Configurable image capture mode to optimize host upload time
- Checkpoint Systems EAS and Interlock
 compatible



M A G E L L A N [™] 800 i

Specifications

DECODING CAPABILITY

1D / LINEAR CODES

2D CODES STACKED CODES

ELECTRICAL CURRENT

INPUT VOLTAGE

ENVIRONMENTAL

AMBIENT LIGHT DROP RESISTANCE

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

INTERFACES

OPTIONAL FEATURES

FAS FFATURES

VALUE ADDED FEATURES

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE

DIMENSIONS WEIGHT

READING PERFORMANCE

IMAGE CAPTURE PRINT CONTRAST RATIO (MINIMUM) **READING ANGLE READING INDICATORS RESOLUTION (MAXIMUM)**

READING RANGES

TYPICAL DEPTH OF FIELD

SAFETY & REGULATORY

AGENCY APPROVALS

ENVIRONMENTAL COMPLIANCE

UTILITIES

MAGELLAN[™] OSP

OPOS / JAVAPOS

REMOTE HOST DOWNLOAD

WARRANTY

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

Aztec Code; Data Matrix; MaxiCode; QR Code GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MicroPDF417; PDF417

Operating (Typical): < 350 mA Standby/Idle (Typical): < 250 mA 5 VDC (+/- 10%)

Indoor: 0 to 6,000 lux; Outdoor: 0 to 86,000 lux Withstands repeated drops from 1.2 m / 4.0 ft onto a concrete surface 20 kV 5 - 95% IP52 Operating: 0 to 40 $^{\circ}\text{C}$ / 32 to 104 $^{\circ}\text{F}$ Storage/Transport: -40 to 70 °C / -40 to 158 °F

RS-232; USB: OEM USB, USB COM, USB HID Keyboard, USB TEC

Checkpoint Systems: Integrated EAS hardware will work with Counterpoint IV, V, VI and VII models Sensormatic: Good Read Acknowledgement Advanced Label Editing; Diagnostic Reporting; Host Download

Black; White; Other colors and custom logo options are available for minimum quantity purchase. 15.1 x 7.6 x 10.9 cm / 5.9 x 3.0 x 4.3 in 306.2 g / 10.8 oz

Optional: 752 x 480 pixels; Graphic Formats: JPEG 25%

Pitch: +/- 60°; Roll (Tilt): 0 - 360°; Skew (Yaw): +/- 60° Beeper (Adjustable Tone and Volume); Good Read LED 0.130 mm / 5 mils

Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. 1D / Linear Codes 5 mils: 0 to 2.5 cm / 0 to 1.0 in 7.5 mils: 0 to 8.2 cm / 0 to 3.2 in 10 mils: 0 to 12.7 cm / 0 to 5.0 in 13 mils UPC: 0 to 15.2 cm / 0 to 6.0 in 2D Codes 6.6 mils PDF417: 0 to 7.6 cm / 0 to 3.0 in 10 mils Data Matrix: 0.6 to 3.1 cm / 0.2 to 1.2 in 10 mils PDF417: 0 to 12.7 cm / 0 to 5.0 in 15 mils PDF417: 0 to 15.2 cm / 0 to 6.0 in 24 mils Data Matrix: 0 to 12.7 cm / 0 to 5.0 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 China RoHS; Complies to EU RoHS

Magellan On-Screen Programming (OSP) configuration software is available for download at no charge. JavaPOS Utilities are available for download at no charge. OPOS Utilities are available for download at no charge. Lowers service costs and improves operations.

3-Year Factory Warranty





Base can be secured to a counter or wall for fixed applications

© 2011 Datalogic Scanning Inc. • All rights reserved. • Protected to the fullest extent under U.S. and international laws.

Copying or altering of this document is prohibited without express written consent from Datalogic Scanning, Inc.

Datalogic and the Datalogic logo are registered trademarks of Datalogic S.p.A. in many countries, including the U.S.A. and the E.U.

Magellan is a registered trademark of Datalogic Scanning, Inc. in many countries, including the U.S.A. and the E.U.

Other brand and product names may be trademarks of their respective owners.

Product specifications are subject to change without notice.

www.scanning.datalogic.com





www.L-TronDirect.com

800-830-9523

info@L-Tron.com

596 Fishers Station Dr | Victor, NY | 14564 | Suite 1 A

Get in touch with us on social media!

www.L-Tron.com