



On-Counter Presentation Omnidirectional Bar Code Reader

The Magellan™ 1100i omnidirectional presentation scanner is a high performing and versatile data collection tool for a variety of applications. It uses Datalogic Scanning's latest digital imaging technology to provide intuitive and fast reading performance on 1D and 2D bar codes as well as supporting advanced features like image capture and EAS tag deactivation. A revolutionary External Read Indicator (ERI) allows the Magellan 1100i reader to integrate with other third party RFID or EAS systems for a truly "future-proof" solution.

Datalogic's Illumix™ intelligent illumination technology in the Magellan 1100i reader optimizes light levels to automatically capture images and read codes from mobile phones, PDAs, or computer display screens. Illumix technology also provides incredible motion tolerance, far beyond most other 2D scanning solutions, enabling both sweep and presentation scanning techniques.

The Magellan 1100i reader's compact size makes it the ideal solution for space-constrained

environments. With a precise reading area, it is perfect for hands-free or handheld scanning and helps reduce accidental misreads of items caused by stray laser scan lines - improving productivity and customer satisfaction.

Datalogic Scanning's patented Green Spot good-read indicator improves user feedback by projecting a visual green spot onto bar codes just read. The additional visual feedback makes it easy to use in noisy retail applications and in healthcare or library applications that benefit from silent reading. The Green Spot can also be used to target a single code from a group of codes or to position a single code inside the reading area.

A comprehensive multi-interface set and a powerful label-editing feature allows easy integration into existing or new host systems. Magellan Value Added Features such as Diagnostics Reporting, Host Download, plus optional Productivity Index Reporting™ allow management to use data from the scanner to improve throughput and manage maintenance. In addition, each scanner supports Remote Management Systems to streamline operations and ongoing support across an enterprise.



Features

- Aggressive performance on 1D and optional 2D codes increases productivity
- Digital imaging technology eliminates moving parts for improved reliability
- Illumix™ intelligent illumination technology auto-detects bar codes from mobile phones, laptops or PDAs
- Compact, ergonomic design is ideal for hands-free or handheld operation
- Green Spot good-read indicator provides additional user feedback on button equipped models
- Precise imaging scan volume eliminates misreads caused by stray laser scan lines
- Button model for image capture or targeting applications like Price Look Up (PLU) lists
- Checkpoint® Systems EAS and Interlock compatible
- WMI Compliant; Integrates with IBM Director through RMA

www.scanning.datalogic.com



Specifications

DECODING CAPABILITY

1D / LINEAR CODES

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

2D CODES STACKED CODES

Aztec Code, Data Matrix, MaxiCode, QR Code
GS1 DataBar Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; Micro PDF417, PDF417

ELECTRICAL

CURRENT

Operating (Typical): < 400 mA
Standby/Idle (Typical): < 300 mA

INPUT VOLTAGE

4.5 - 14.0 VDC

ENVIRONMENTAL

AMBIENT LIGHT

Indoor: 0 to 6,000 lux; Outdoor: 0 to 86,100 lux

DROP RESISTANCE

Withstands repeated drops from 1.2 m / 4.0 ft onto a concrete surface 25 kV

ESD PROTECTION (AIR DISCHARGE)

5 - 95%

HUMIDITY (NON-CONDENSING)

5 - 95%

PARTICULATE AND WATER SEALING

IP52

TEMPERATURE

Operating: 0 to 40 °C / 32 to 104 °F
Storage/Transport: -40 to 70 °C / -40 to 158 °F

INTERFACES

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

OPTIONAL FEATURES

EAS FEATURES

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™ (PIR)

VALUE ADDED FEATURES

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE

Black; Grey; Other colors and custom logo options are available for minimum quantity purchase.

DIMENSIONS

Riser Stand: 5.8 x 7.4 x 9.7 cm / 2.3 x 2.9 x 3.8 in

Scanner: 8.4 x 7.1 x 9.4 cm / 3.3 x 2.8 x 3.7 in

WEIGHT

Riser Stand: 187.1 g / 6.6 oz

Scanner: 198.5 g / 7.0 oz

READING PERFORMANCE

IMAGE CAPTURE

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

PRINT CONTRAST RATIO (MINIMUM)

1,768 digital scan lines/sec.

READ RATE (MAXIMUM)

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

READING ANGLE

READING INDICATORS

Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED

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 UPC: 0 to 17.7 cm / 0 to 7.0 in

20 mils: 0 to 17.7 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

2-Year Factory Warranty



Mounts/Stands

- 11-0114 Riser Stand with Tilt Adjustment and Fixed Mounting Holes, Black, 6.0 cm / 2.4 in
- 11-0115 Riser Stand with Tilt Adjustment and Fixed Mounting Holes, Grey, 6.0 cm / 2.4 in
- 11-0116 Fixed Mounting Plate, Black
- 11-0117 Fixed Mounting Plate, Grey
- 11-0143 Flexible Gooseneck Stand, Black, 22.8 cm / 9.0 in
- 11-0160 Flexible Gooseneck Stand, Grey, 22.8 cm / 9.0 in

© 2009 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. • Illumix and Productivity Index Reporting are trademarks of Datalogic Scanning, Inc.

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

Product specifications are subject to change without notice.

DS-MAGELLAN1100i-EN 20090819

www.scanning.datalogic.com



About BarcodesInc

Who We Are

BarcodesInc is North America's leading provider of specialized digital data hardware and software solutions. Our products include barcode scanners, mobile computing devices, identification card equipment, point-of-sale systems, barcode label and receipt printers, and consumables, all of which help customers improve productivity and profitability. Our product and solution experts have been serving both small businesses and large enterprises since 1994.

We Owe Our Success To You

It's true that data tracking is our expertise - but customer satisfaction is our true passion. We have one overriding objective: focus on you, the customer. We understand that each customer's need is unique. That's why we listen carefully and tailor our solutions to meet your needs. We appreciate the opportunity to serve you and strive to exceed your expectations!

Why Choose BarcodesInc?

Dedicated Account Manager

Our Account Managers will not compromise when it comes to providing you top-notch service. Your Account Manager is the primary point of contact for your business and makes it a priority to get to know you, your company and all your needs.

Highly-Trained Technical Support

Our technical staff has the broadest knowledge and every significant certification in the industry. One of our friendly experts is always available to suggest products and solutions for any situation.

Incredible Value

Our purchasing power means big savings for you. Whatever your project, our team will work hard to deliver a solution that fits your budget.

Largest Inventory in the Industry and Same-Day Shipping

Whatever your barcoding, mobile computing, or printing needs, we will fill your order and ship it the same day.

Premier Access to Top Manufacturers

BarcodesInc maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

Responsive Customer Service

Every phone call and email is responded to promptly, completely and accurately by our customer service team.

Easy Returns

Damaged, defective or incorrectly ordered goods may be returned without hassle.

BRANDS



AND MORE