

# Magellan® 1000i

Omni-Directional Imaging Scanner



Shown with Optional Stand

## Features:

- Aggressive imaging performance and intuitive operation reduces checker training and speeds checkout for better customer service
- New imaging technology eliminates moving parts associated with laser scanners for improved reliability
- Hands-free scanning for small, easily handled items, handheld scanning for bulkier items
- Precise imaging scan volume eliminates misreads caused by stray laser scan lines
- Small footprint and size allow for easy integration into point-of-sale and OEM applications
- Textured grip area and small size allow hands of all sizes to comfortably hold the scanner when needed
- Checkpoint® Systems EAS compatible
- Optional targeted scanning mode for PLU Lists
- Optional tilting stand allows scan volume to be optimized for each user and has screw holes for fixed mounting
- Standard product is available in either Black or Grey. Other colors and custom logo options are available for a minimum quantity purchase. Please contact PSC or your PSC reseller for more information on this service.

## Accessories:

- Tilting Riser Stand
- Fixed Mounting Plate

## Mechanical

Dimensions	Scanner	Stand	Scanner with Stand
Height	3.3" / 8.3 cm	2.3" / 5.8 cm	5.5" / 14.0 cm
Width	2.8" / 7.1 cm	2.9" / 7.4 cm	2.9" / 7.4 cm
Length	3.7" / 9.5 cm	3.8" / 9.7 cm	3.8" / 9.7 cm
Weight	7.0 oz / 198 g	6.6 oz / 187 g	13.6 oz / 385 g

## Environmental

### Temperature rating

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

Humidity: 5 to 95% NC (non-condensing)

Shock: Multiple 4' / 1.2 m drops

Water & Dust resistance: IP52

## Electrical

### Operating Voltages

5.0V model ± 5%  
8.0—14.0V model

Operating Current (idle): < 300mA

Operating Current (Label Read): < 400mA

## Communications

- RS-232
- USB
- IBM USB
- Keyboard Wedge
- Wand Emulation
- IBM 46xx / RS-485

## Optical

Scan pattern: 100 line

Scan Rate: 1,000 digital scan lines/second

Single Line Activation: Optional Button

Scan Volume: 70.0 in<sup>3</sup> / 178.0 cm<sup>3</sup>

Depth of Field: Please refer to table below

Minimum Resolution: 5 mil

Print Contrast: 25%

Roll: 0 — 360°

Pitch: ±65°

Yaw: ±75°

### Ambient Light

Indoor: < 6,000 Lux / 557 foot candles  
Outdoor: < 86,100 Lux / 7999 foot candles

### DEPTH OF FIELD Range Comparisons

LABEL DENSITY	RANGE
5 mil	0.50—1.75" / 0.64—4.45 cm
7.5 mil	0.25—2.25" / 0.64—5.72 cm
10 mil	0—5" / 0—12.7 cm
13 mil UPC	0—6" / 0—15.2 cm
20 mil	0—6.75" / 0—17.15 cm

Minimum distance determined by symbol length and scan angle.  
Printing resolution, contrast, and ambient light dependent.

# Data Sheet

## Decoding Capability

The Magellan® 1000i autodiscriminates between the following supported symbologies:

### Retail Codes:

- UPC Versions A&E
- UPC Supplementals (Bookland & Coupon Code)
- UPC Add-ons (sub 2 or P2, sub 5 or P5 & C128)
- Dual Bar Codes for Japan (2 label read)
- Reduced Space Symbology (RSS) RSS-14, RSS expanded, and RSS Stacked Omni-directional
- EAN 8 & 13 with full expansion 8 to 13
- JAN 8 & 13 with full expansion 8 to 13
- EAN/JAN two label
- UCC/EAN 128
- Italian Pharmacode
- Supports GTIN

### Industrial Codes:

- Code 39 (with full ASCII)
- Code 128 (Up to 80 characters, including Code 39 conversions)
- Code 93
- Interleaved 2 of 5
- Standard 2 of 5
- Codabar
- MSI/Plessey

Please contact your PSC representative for other available symbologies.

## Safety and Regulatory

Electrical: Gost R; TÜV; UL; cUL

Emissions: Complies to FCC; EN 55022; AS/NZS 3548; VCCI



## Other

EAS compatibility: Integrated EAS hardware works with Checkpoint® Systems.



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## About BarcodesInc

### Who We Are

BarcodesInc is North America's leading provider of barcode and mobile computing solutions. We are a leading provider of barcode and mobile computing solutions. We are a leading provider of barcode and mobile computing solutions.

### We Owe Our Success To You

Our success is due to the dedication and hard work of our employees. We are a leading provider of barcode and mobile computing solutions. We are a leading provider of barcode and mobile computing solutions.

## Why Choose BarcodesInc?

### Dedicated Account A UbU Yf

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