

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 Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MicroPDF417; PDF417

ELECTRICAL

CURRENT

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

INPUT VOLTAGE

ENVIRONMENTAL

AMBIENT LIGHT DROP RESISTANCE

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

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

20 kV
5 - 95%
IP52
Operating: 0 to 40 °C / 32 to 104 °F
Storage/Transport: -40 to 70 °C / -40 to 158 °F

INTERFACES

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

OPTIONAL FEATURES

EAS FEATURES

Checkpoint Systems: Integrated EAS hardware will work with Counterpoint IV, V, VI and VII models
Sensormatic: Good Read Acknowledgement

VALUE ADDED FEATURES

Advanced Label Editing; Diagnostic Reporting; Host Download

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE

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

DIMENSIONS WEIGHT

15.1 x 7.6 x 10.9 cm / 5.9 x 3.0 x 4.3 in
306.2 g / 10.8 oz

READING PERFORMANCE

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

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

READING RANGES

TYPICAL DEPTH OF FIELD

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

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 China RoHS; Complies to EU RoHS

ENVIRONMENTAL COMPLIANCE

UTILITIES

MAGELLAN™ OSP

Magellan On-Screen Programming (OSP) configuration software is available for download at no charge.

OPOS / JAVAPOS

JavaPOS Utilities are available for download at no charge.

REMOTE HOST DOWNLOAD

OPOS Utilities are available for download at no charge.

Lowers service costs and improves operations.

WARRANTY

3-Year Factory Warranty



Integrated stand tilts at +60°/-15° angles for optimal reading



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

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DS-MAGELLAN800i-ENA4 REV B 20110923

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