ON-COUNTER PRESENTATION OMNIDIRECTIONAL BAR CODE READER

Like its sister product, the Magellan 1000i reader, the Magellan 1400i presentation scanner features a unique approach to imaging technology by using digital scan patterns for omnidirectional reading. This innovative technology offers maximum reliability and high performance while excelling at capturing hard-to-read codes. The 1400i elevates performance even higher by providing standard support for PDF417 and Data Matrix label decoding along with image capture support, a larger scan volume and a longer depth-of-field. The Magellan 1400i scanner is the ideal product for customers who need the highest performance, reliability, and value in a small presentation scanner design.

Multiple reading modes match the right scanning technique to the item to be read. Offering hands-free operation using either presentation or sweep scanning styles, it can also be picked up and easily used as a handheld reader to scan bulky or larger items. Rubber over molded grips enhances user comfort for handheld use. The 1400i also offers a standard targeting mode for reading close proximity bar codes, like those found on price look-up (PLU) lists. These simple and intuitive reading modes increase productivity and customer service while additionally reducing the time required for training new operators.

Each Magellan 1400i presentation reader is capable of supporting all of the most popular host interfaces which allows for easy migration of the scanner if host hardware or software changes. A Checkpoint Electronic Article Surveillance (EAS) option provides additional value by integrating scanning and deactivation into one smooth motion.

FEATURES

- Autodiscriminates 2D and 1D codes
- Precise imaging scan volume eliminates misreads caused by stray laser scan lines
- Handheld and hands-free operation
- Targeted scanning mode for Price Look-Up (PLU) lists
- Small footprint for easy installation into space constrained applications
- Compact size and ergonomic design ensure comfortable handheld scanning
- Optional tilting stand allows scan volume to be optimized for each user and has screw holes for fixed mounting
- Digital imaging technology eliminates moving parts for improved reliability
- Water and Particulate Sealing Rating: IP52
- Supports GS1 DataBar™ codes
- Checkpoint Systems EAS compatible

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DECODING CAPABILITY

1D / LINEAR CODES	Autodiscriminates all standard 1D codes including GS1 Databar™ linear codes.
2D CODES	Data Matrix
STACKED CODES	GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; PDF417

ELECTRICAL

CURRENT	Operating (Typical): < 450 mA
	Standby/Idle (Typical): < 350 mA
INPUT VOLTAGE	5.0 VDC Model +/- 10% ; 8.0 - 14.0 VDC Model

ENVIRONMENTAL

AMBIENT LIGHT	Indoor: 40 to 6,000 lux; Outdoor: 40 to 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
TEMPERATURE	Operating: 0 to 40 °C / 32 to 104 °F
	Storage/Transport: -40 to 70 °C / -40 to 158 °F

INTERFACES

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OPTIONAL FEATURES

EAS FEATURES	Checkpoint Systems: Integrated EAS hardware will work with Counterpoint IV, V, VI and VII models

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE	Black; Grey; Other colors and custom logo options are available for minimum quantity purchase.
DIMENSIONS	Scanner in Stand: 18.0 x 8.1 x 9.7 cm / 7.1 x 3.2 x 3.8 in
WEIGHT	445.1 g / 15.7 oz

READING PERFORMANCE

IMAGE CAPTURE	752 x 480 pixels; Graphic Formats: JPEG
PRINT CONTRAST RATIO (MINIMUM)	25%
READ RATE (MAXIMUM)	1,170 digital scan lines/sec.
READING ANGLE	Pitch: +/- 65°; Roll (Tilt): 0 - 360°; Skew (Yaw): +/- 75°
READING INDICATORS	Beeper (Adjustable Tone and Volume); Good Read LED
RESOLUTION (MAXIMUM)	0.130 mm / 5 mils
SCAN LINES	Digital: 104

READING RANGES

TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol length and scan angle.
	Printing resolution, contrast, and ambient light dependent.
	5 mils: 1.9 to 5.0 cm / 0.75 to 2.0 in
	6.6 mils (PDF): 3.8 to 7.6 cm / 1.5 to 3.0 in
	7.5 mils: 1.3 to 10.2 cm / 0.5 to 4.0 in
	10 mils: 0 to 15.2 cm / 0 to 6.0 in
	10 mils (PDF): 3.1 to 15.2 cm / 1.25 to 6.0 in
	13 mils (UPC): 0 to 20.3 cm / 0 to 8.0 in
	15 mils (PDF): 2.5 to 20.3 cm / 1.0 to 8.0 in
	20 mils: 0 to 22.9 cm / 0 to 9.0 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.

WARRANTY

WARRANTY	2-Year Factory Warranty