MAGELLAN™ 1500i

DATALOGIC
EMPOWER YOUR VISION

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HIGH PERFORMANCE SCANNING IN THE PALM OF YOUR HAND

The Magellan 1500i omnidirectional presentation scanner is a versatile and stylish addition to any point of sale. With Datalogic's latest digital imaging technology, it seamlessly decodes both 1D and 2D bar codes on everything from printed product labels to mobile coupons, loyalty cards, tickets and boarding passes. The recessed, adaptive illumination optimizes light levels for both superior operator comfort and high performance sweep and presentation scanning.

With the addition of optional Digimarc® Barcode decoding, the Magellan 1500i is the most capable scanner in its class.

A WIDE VARIETY OF USES

The available black and white enclosures complement a variety of point of sale systems and store formats, making the Magellan 1500i equally at home in a convenience store, pharmacy, post office or a high-end boutique. With the most compact footprint in its class, the Magellan 1500i is an ideal choice for space constrained applications. Additionally, intelligent host cable routing ensures that the scanner is both comfortable in the hand and can back right up to a wall or display for maximum space efficiency. A variety of mounting options allow you to optimize the scanner's location with a tall tilting riser, short stand, magnetic base and an L shaped mounting bracket.

ENTERPRISE FEATURES

Remote Management is supported for OPOS, JavaPOS, Toshiba Remote Management with IBM Systems Director® and Wavelink® Avalanche®. Additional capabilities are available with the Value Added features included in every Magellan scanner.

FEATURES

- Advanced digital imaging provides class-leading performance and reliability
- Seamlessly reads 1D and 2D bar codes, whether printed or displayed on mobile phone, laptop or tablets
- Optional Digimarc® Barcode decoding
- Subtle, adaptive illumination for user comfort
- Compact, ergonomic design is ideal for hands-free or hand held operations
- LED aimer for precision scanning of Price Look Up (PLU) lists or small items
- Datalogic's 'Green Spot' technology for good-read feedback
- Image capture
- Adjustable stand
- Available interfaces: RS-232 or USB, OEM
- Checkpoint® Systems EAS and Interlock Compatible
- Easily monitored and updated via Remote Management, Scanalyzer™, Aladdin™ or programming guides
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY - APPLICATION

- Retail:
  - Point of Sale
  - Mobile Marketing
  - Age Verification
  - 2D bar codes
- Commercial Services:
  - Postal
  - Banks
  - Public Administration
  - Utilities
- Healthcare:
  - Patient Bedside Care
  - Laboratory
  - Pharmacy
  - Admittance, Accounting and Billing

MAGELLAN™ 1500i

TECHNICAL SPECIFICATIONS

DECODING CAPABILITY

1D / Linear Codes	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D Codes	Aztec Code, Data Matrix, MaxiCode, QR Code
Postal Codes	Australian Post; British Post; Canadian Post; China Post; IMB; Japanese Post; KIX Post; Planet Code; Portuguese Post; Postnet; Royal Mail Code (RM4SCC); Swedish Post
Stacked Codes	GS1 DataBar Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; Micro PDF417, PDF417
Digital Watermarks	Optional support for Digimarc® Barcodes/GS1 DW Code

ELECTRICAL

Current	Operating (Typical): < 500 mA Standby/Idle (Typical): < 300 mA
Input Voltage	5 VDC +/- 10%

ENVIRONMENTAL

Ambient Light	0 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 °

INTERFACES

Interfaces	USB Keyboard; USB COM; OEM (IBM) USB; RS-232

PHYSICAL CHARACTERISTICS

Colors Available	Black; White
Dimensions	Tilting Riser: 6.0 x 7.5 x 15.0 cm / 2.4 x 3.0 x 5.9 in Stand: 6.0 x 7.5 x 10.6 cm / 2.4 x 3.0 x 4.2 in
Weight	Tilting Riser: 240.0 g / 8.5 oz

READING PERFORMANCE

Aiming	LED aimer for precision scanning
Image Capture	1 MP; 1280 x 800 pixels; Graphic Formats: JPEG, BMP
Print Contrast Ratio (Minimum)	25%
Reading Angle	Pitch: +/- 65°; Roll (Tilt): 0 - 360°; Skew (Yaw): +/- 75°
Reading Indicators	Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED
Resolution (Maximum)	0.130 mm / 5 mils

READING RANGES

Typical Depth of Field	Printing resolution, symbol length, scan angle, contrast and ambient light dependent. **1D / Linear Codes** 5 mils: 2.5 to 9.0 cm / 0.9 to 3.5 in 7.5 mils: 0 to 17.0 cm / 0 to 6.6 in 10 mils: 0 to 21 cm / 0 to 8.2 in 13 mils UPC: 0 to 25.0 cm / 0 to 9.8 in 20 mils: 1.0 to 30.0 cm / 0.4 to 11.8 in **Optional Codes** 6.5 mils PDF: 2.5 to 11.0 cm / 0.9 to 4.3 in 13 mils Data Matrix: 0 to 17.0 cm / 0 to 6.7 in 16 mils PDF: 0 to 2.0 cm / 0 to 7.8 in 24 mils Data Matrix: 0 to 25.0 cm / 0 to 9.8 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 China RoHS; Complies to EU RoHS
Led Classification	EN62471 and IEC62471 Lamp Illumination

UTILITIES

Aladdin and Scanalyzer	Either Aladdin or Scanalyzer can be used for scanner configuration. Both are available for download at no charge.
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

Warranty	3-Year Factory Warranty

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