



# Magellan™ 1500i

## 1D & 2D Barcode Scanner

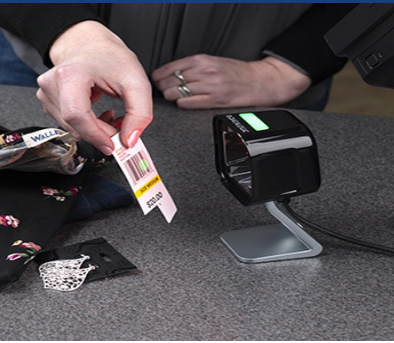
The high performing scanning in the palm of your hand the magellan 1500i scanner is a versatile and stylish addition to any point of sale. With latest Digital imaging technology, it seamlessly decodes barcodes on everything from printed product labels to mobile coupons, Loyalty cards, tickets and boarding passes.





# FEATURES

- Advanced digital imaging provides class-leading performance and reliability
- Seamlessly reads 1D and 2D bar codes
- 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
- Checkpoint® Systems EAS and Interlock Compatible



## MAGELLAN™ 1500i TECHNICAL SPECIFICATIONS



### DECODING CAPABILITY

<b>1D / Linear Codes</b>	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
<b>2D Codes</b>	Aztec Code, Data Matrix, MaxiCode, QR Code
<b>Postal Codes</b>	Australian Post; British Post; Canadian Post; China Post; IMB; Japanese Post; KIX Post; Planet Code; Portuguese
<b>Stacked Codes</b>	GS1 DataBar Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; Micro PDF417, PDF417

### ELECTRICAL

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

### ENVIRONMENTAL

<b>Ambient Light</b>	0 to 86,100 lux
<b>Drop Resistance</b>	Withstands repeated drops from 1.2 m / 4.0 ft onto a concrete surface
<b>ESD Protection (air discharge)</b>	25 kV
<b>Particulate and Water Sealing</b>	IP52
<b>Temperature</b>	Operating: 0 to 40 °C / 32 to 104 °F Storage/Transport: -40 to 70 °C / -40 to 158 °

### INTERFACES

<b>Interfaces</b>	USB Keyboard; USB COM; OEM (IBM) USB; RS-232
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### PHYSICAL CHARACTERISTICS

<b>Colors Available</b>	Black
<b>Dimensions</b>	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
<b>Weight</b>	Tilting Riser: 240.0 g / 8.5 oz

### READING PERFORMANCE

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

### READING RANGES

<b>Typical Depth of Field</b>	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
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### SAFETY & REGULATORY

<b>Environmental Compliance</b>	Complies to China RoHS; Complies to EU RoHS
<b>Led Compliance</b>	EN62471 and IEC62471 Lamp Illumination