



Datalogic Magellan 1500i – High performance and flexible

- ✓ Captures common 1D and 2D barcodes as well as postal, batch and Digimarc codes
- ✓ Flexible adjustment through various set-up and fastening options
- ✓ Reliable scanning of loyalty cards, coupons and tickets on mobile phone screens
- ✓ Magnetic fixation of the stand enables use as a hand-held scanner
- ✓ Seamless integration into IT systems through remote management options

Features

Readable codes: 1D, 2D, Post, Stack, Digimarc

Feedback: LED, Beeper and Green Spot technology

Connection: USB, USB keyboard, RS-232

Reading distance: 0 - 25 cm

Protection: IP52, drop-proof up to 1.2 m

Operating temperature: 0 - 40 °C

Dimensions (W x L x H): 60 x 75 x 10.6 mm

Weight: 240 g

Optional accessories

Stand / with magnetic fixation

Tiltable stand / with magnetic fixation

Wall mount

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