



Datalogic Magellan 900i – presentation scanner from Datalogic

- ✓ Advanced image processing for outstanding performance and reliability
- ✓ Compact and robust design
- ✓ Reads all 1D and 2D barcodes, whether printed or from a cell phone
- ✓ LED target marking for precise scanning
- ✓ Adaptive lighting for greater user comfort

Features

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

Feedback: LED, beeper and green spot technology

Connection: USB keyboard, USB COM, OEM (IBM) USB, RS-232

Leseabstand: 0 - 28 cm

Protection: IP52, fall-proof up to 1.2 m

Operating temperature: 0 - 40 °C

Dimensions (W x L x H): 7.6 x 7.8 x 14 cm

Weight: 345 g

Optional accessories

Magnetic holder

DECODING CAPABILITY	
1D / Linear Codes	Auto discriminates 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
ELECTRICAL	
Current	Operating (Typical): < 300 mA Standby/Idle (Typical): < 175 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 °F
INTERFACES	
Interfaces	USB Keyboard; USB COM; OEM (IBM) USB; RS-232
PHYSICAL CHARACTERISTICS	
Colors Available	Black
Dimensions (W x D x H)	Tilting Riser: 7.6 x 7.8 x 14 cm / 3.0 x 3.1 x 5.5 in Kiosk/OEM: 10.3 x 7.7 x 11.9 cm / 4.1 x 3.0 x 4.7 in
Weight	Tilting Stand: 345 g / 12.2 oz Kiosk/OEM: 200 g / 7.0 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: +/- 70°; Roll (Tilt): 0 - 360°; Skew (Yaw): +/- 70°
Reading Indicators	Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED
Resolution (Maximum)	0.130 mm / 4 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 11.0 cm / 1.0 to 4.3 in 7.5 mils: 0 to 15.0 cm / 0 to 5.9 in 10 mils: 0 to 18 cm / 0 to 7.1 in 13 mils UPC: 0 to 21.0 cm / 0 to 8.3 in 20 mils: 0 to 28.0 cm / 0 to 11.0 in 2D Codes 10 mils PDF: 0 to 18 cm / 0 to 7.1 in 10 mils Data Matrix: 1.0 to 13 cm / 0.4 to 5.1 in 15 mils Data Matrix: 0 to 19 cm / 0 to 7.5 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 with China RoHS; Complies with EU RoHS
LED Classification	EN62471 and IEC62471 Lamp Illumination
UTILITIES	
Scanner Configuration	Aladdin can be used for scanner configuration. Available for download at no charge.
OPOS / JavaPOS	OPOS and JavaPOS utilities are available for download at no charge.
Remote Host Download	Lowers service costs and improves operations.
WARRANTY	
Warranty	3-Year Factory Warranty