PRESENTATION SCANNERS

Magellan™ 900i
Magellan™ 1500i

MAGELLAN 900i & 1500i

PRESENTATION SCANNERS

The Magellan 900i is best suited for general purpose scanning and SCO/kiosk applications.
The Magellan 1500i is best suited for applications where high-performance scanning or an ultra compact, stylish design is required.

PRESENTATION SCANNER OFFER

MAGELLAN 900i

Superior Scanning Performance — delivers up to 30% faster reading speeds* with seamless scanning from both printed and mobile sources.

* than the previous generation model GPS44XX

Adaptive Illumination & Visual Feedback – Optimizes lighting to ensure reliable reading of all barcode types with Green Spot for positive scan feedback.

Easy to use: Comfortable, ergonomic design to easy installation and to adapt to any application.

MAGELLAN 1500i

Stylish design in black or white with a premium aluminium base, it fits seamlessly on any counter or kiosk —ready for any retail setup.

Kiosk bracket and **compact size** allow for simple OEM integration in self-checkout kiosks.

Smarter scanning with a built-in **accelerometer** for an easy and ergonomic transition to handheld scanning.

TRACEABILITY

RECALL ITEM

GS1®

READY FOR THE FUTURE:

Magellan 900i and Magellan 1500i are ready to scan OCR and **GS1 Digital Link** barcodes.

GS1 Digital Link Ready

Magellan 900i white model

READY FOR THE FUTURE:
Magellan 900i and Magellan 1500i are ready for GS1 Digital Link.

- Enables access to dynamic product data, promotions, traceability, and digital experiences — all from a single scan.
- Supports omnichannel workflows, from in-store engagement to post-sale information.
- Future-proofs your checkout for upcoming GS1 and regulatory standards.
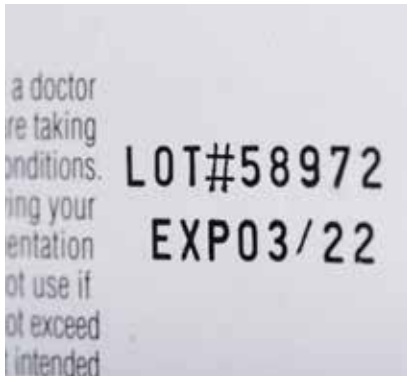

EXPIRATION DATE

DISCOUNTS

NUTRITIONAL VALUES

INGREDIENT TRACEABILITY

PLANT PRODUCTION & SUPPLY CHAIN DATA

LOT NUMBER

THE NEXT RETAIL REVOLUTION:

By 2027 many packages will include 2D GS1 Digital Link code alongside the 1D code; GS1 can be formatted as a QR code or Datamatrix and is able to store more information. Digital content can be continuously updated by a brand owner, without changing the GS1 Digital Link code on the packaging.

NEW MAGELLAN 900i WHITE MODEL: TECHNOLOGY MEETS DESIGN

The Magellan™ 900i is now available in two color options—classic black and the new refined white plastic. The white version is designed for environments where a lighter, cleaner aesthetic is preferred, such as modern and minimal white counters or healthcare settings. While the exterior color changes, the internal technology and software remain exactly the same, ensuring consistent performance across both models. This new option enhances visual versatility, offering customers the freedom to choose the design that best fits their space — where quality meets design.

Presentation Scanners applications

ACCESS CONTROL

TICKETS & IDENTITY DOCUMENTS CONTROL

HEALTHCARE – LABORATORY

SELF-SERVICE/SELF-CHECKOUT

POS CHECKOUT

PHARMA CHECKOUT

Service programs

Datalogic's EASEOFCARE Service Programs provide superior life-cycle support to ensure that products are always operating at peak performance.

Our market-leading Care programs are a key reason for customers to choose and keep Datalogic products, maximizing their uptime and lifecycle so that they can also be assured that their software is always running on a healthy and reliable device.
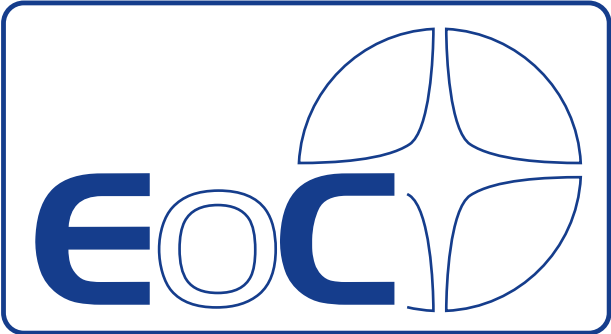
FAST REPAIR TURNAROUND (OVERNIGHT / 2 DAYS / 3 DAYS / 5 DAYS)

ACCIDENTAL DAMAGE COVERED BY COMPREHENSIVE PACKAGE (OR OPTION)

BOTH WAYS FREIGHT PAID BY DATALOGIC*

3-5 YEARS CONTRACT SERVICE OPTIONS

* on overnight/2days only

Technical specifications

MAGELLAN 900i

INDUSTRY – APPLICATION

Retail:
- Point-of-Sale
- Mobile Marketing
- Age Verification
- 2D bar codes

Healthcare:
- Patient Bedside Care
- Laboratory
- Pharmacy
- Admittance, Accounting and Billing

Commercial Services:
- Postal
- Banks
- Public Administration
- Utilities

OEM:
- Self Checkout
- Customer Service Kiosk
- Price Verification
- Boarding Pass
- Access Control
- Admission Turnstiles
- Parking Machines

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; White (available in presentation version only)
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 5.7 x 11.9 cm / 4.1 x 2.2 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 EU RoHS, China RoHS and UAE 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

ACCESSORIES

Mounts/Stands

Magnetic Mount 90ACC0384

MAGELLAN 1500i

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Retail:
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- Admittance, Accounting and Billing

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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 (available in presentation version only)
Dimensions	Tilting Riser: 6.0 x 7.5 x 13.8 cm / 2.4 x 3.0 x 5.4 in Fixed Riser: 6.0 x 7.5 x 10.6 cm / 2.4 x 3.0 x 4.2 in Wall Mount: 6.0 x 7.5 x 8.4 cm / 2.4 x 3.0 x 3.3 in
Weight	Tilting Stand: 240 g / 8.5 oz Fixed Riser: 164 g / 5.8 oz Wall Mount: 170 g / 6 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 20.0 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

Scanner Configuration	Aladdin and Scanalyzer 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

ACCESSORIES

Mounting Options

Miscellaneous

90ACC0401 Round Stand, Silver Base, White Scanner
90ACC0400 Round Stand, Black Base, Black Scanner
90ACC0402 Round Stand, Silver Base, Black Scanner

90ACC0379 Tilting Stand, White
90ACC0378 Tilting Stand, Black

90ACC0380 Riser Stand, Black
90ACC0381 Riser Stand, White

90ACC0383 L Bracket/ Wall Mount, White
90ACC0382 L Bracket/ Wall Mount, Black

90ACC0384 Magnetic Mount

⊕DATALOGIC

EMPOWER YOUR VISION

www.datalogic.com