

Datalogic Magellan 9600i & 9900i



Datalogic Magellan 9600i & 9900i – The best is now even better

- ✓ New model of the world's leading checkout scanner
- ✓ QuadVision (4 cameras - 2 horizontal, 2 vertical) with IMX8 multi-core processor
- ✓ Suitable for cash registers and self-service checkouts, available in various lengths
- ✓ Shortens queues even with the highest scanning volume
- ✓ Ready for advanced functions with AI technology

Features

Readable codes: all retail codes (automatic recognition), ready for GS1 Digital Link

Capture: QuadVision (4 cameras - 2 horizontal, 2 vertical) with IMX8 multi-core processor

Ambient light: 0 to 86,080 lux

Illumination: Multiple diffused LEDs

Feedback: LED, loudspeaker (adjustable)

Optional features: Scales, AI components (cameras, processors), customer display

Loss control: Infrared sensors, scale, EAS antenna

POS Operating System: Windows 10, Linux, 4690, Android, OPOS and JavaPOS

Connectivity: RS-232, IBM 46XX, USB, Ethernet

Dimensions (depth below / above surface | width | length in cm): 9600i: 10.2 / 13.4 | 29.2 | 35.2, 39.9 or 43.7 9900i: 10.6 / 6.8 | 29.2 | 35.2, 39.9 or 43.7

Optional accessories

Integrated scale

Top Down Reader (for model 9900i)

Customer display (single, double)

Smart camera

MAGELLAN 9600i (Scanner only: 9610, 9611, 9612; Scanner/Scale: 9621, 9622)

DECODING CAPABILITY		PHYSICAL CHARACTERISTICS	
<i>Auto Discriminates all Retail Barcodes</i>	EAN/JAN/UPC, Code 128, EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MicroPDF417; PDF417; UPC A/E Composites. Aztec Code; Data Matrix; QR Code, Micro QR, Digimarc® Barcode and all future GS1 Codes.	<i>Dimensions</i>	Depth (Below Counter): 10.2 cm / 4 in Length: Short - 35.2 cm / 13.9 in Length: Medium - 39.9 cm / 15.7 in Length: Long - 43.7 cm / 17.2 in Width: 29.2 cm / 11.5 in 9600i Height (Above Counter): 13.4 cm / 5.3 in
<i>Illumination</i>	Multiple diffused LEDs: orientation and wavelength optimized for eye comfort.	ELECTRICAL	
<i>Scan Indicators</i>	Visual: Good Read confirmation for all reading planes Audio: 85 dB Speaker - Adjustable Tone and Volume plus Supports WAV file formats	<i>Power Requirements</i>	Scanner Power Consumption: 12 VDC Operating (Nominal): 9.3 Watts; Sleep: 7.3 Watts; Optional Scanner DC brick: AC Input: 100 - 240 VAC, 50-60 Hz Optional Ethernet 48 VDC brick: AC Input: 100 - 240 VAC, 50-60 Hz
COMMUNICATIONS INTERFACES		ENVIRONMENTAL	
<i>Host Multi-Interface</i>	RS-232 / IBM 46XX / USB Multi-Interface: OEM (IBM) USB Plus Power (Scanner / Scale); RS-232 (Scanner) / RS-232 (Scale); RS-232 (Scanner) or Single Cable RS-232 (Scanner / Scale)	<i>Ambient Light</i>	0-86,080 lux
<i>POS Operating Systems</i>	Windows10, Linux, 4690, Android™; OPOS and JavaPOS utilities are available for download	<i>ESD Protection</i>	25 kV air discharge
<i>Auxiliary Ports</i>	Powered USB Host (Type A) (x2); Powered RS-232; Remote Scale Display; EAS Controller Ports; Sensormatic, Interlock	<i>Humidity (Non-Condensing)</i>	5 - 95%
<i>Ethernet Ports</i>	1 x Ethernet is standard; Optional 3 or 7 Port Ethernet switch (IEEE1588) NOTE: Switch requires an external 48V power supply	<i>Temperature</i>	Operating: 10 to 40 °C / 50 to 104 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F
OPTIONAL SCALE FEATURES		SAFETY & REGULATORY	
<i>Magellan Dual Interval Scale Technology</i>	Minimum Increment: Range 1: 0.002 kg / 0.005 lb; Range 2: 0.005 kg / 0.010 lb Scale Capacity: Range 1: 0 - 6.0 kg / 0 - 15.0 lb; Range 2: 6.0 - 15.0 kg / 15.0 - 30.0 lb	<i>Agency Approvals</i>	The product meets necessary safety and regulatory approvals for its intended use. See Quick Reference Guide for a complete list of certifications.
<i>Magellan Single Interval Scale Technology</i>	Minimum Increment: 0.005 kg / 0.010 lb; Scale Capacity: 0 - 15.0 kg / 0 - 30.0 lb	<i>Environmental Compliance</i>	Complies to China RoHS; Complies to EU RoHS; Complies to R.E.A.C.H. - EC1907/2006
<i>Adaptive Scale</i>	Compatibility – Adaptive Scales: Avery; Bizerba; DIGI; Herbert; Mettler Toledo; Shekel Max. Static Weight: 68.0 kg / 150.0 lb Vibration Immunity: 4 Filter settings	UTILITIES	
LOSS PREVENTION		<i>Aladdin™ Configurator</i>	Datalogic Aladdin provides customers the opportunity to manage the configuration of handheld or fixed position products, and allows firmware updates, advanced formatting through an intuitive user interface.
<i>All-Weighs Scale Platter</i>	Integrated horizontal and vertical scale platter surfaces increase active weighing area for easy, accurate weighing of large items.	<i>Magellan SDK(s)</i>	Datalogic will provide developer tools to support POS integration and the optional AI enablement HW functionality (Color cameras, Neural Processors, and Ethernet expansion).
<i>ScaleSentry</i>	ScaleSentry is an infrared platter detection system to provide shrink prevention; Configurable audio / visual indicators identify items placed outside weighing surface	<i>Remote Management Capabilities</i>	Current Diagnostic Reporting utilizes WMI (OPOS and JavaPOS) and MBeans (JavaPOS); Host Download Supports IBM Director, Wavelink Avalanche™ and other ERP management solutions.
<i>EAS Features</i>	Integrated EAS Antenna for Checkpoint and Nedap. Sensormatic Deactivation Controller integrated with Datalogic SmartSentry™ technology; Scanner provides Good Read / EAS Status Indicators	FUTURE AI ENABLEMENT FEATURES (OPTIONAL)	
		<i>Image Capture</i>	Magellan 9600i offers two integrated color cameras for AI inference models such as produce / item recognition (integrated vertical and horizontal).
		<i>Neural Processors</i>	Magellan 9600i color cameras have integrated neural processors.
		<i>Tensor Processor</i>	Magellan 9600i offers a Coral TPU for AI inference model acceleration inside the scanner.
WARRANTY		<i>Warranty</i>	1-Year Standard Factory Warranty (5 day turn around)

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