Datalogic Magellan 9550i

Datalogic Magellan 9550i: Cost-efficient built-in scanner

✓ **Improved scanning performance: 45% faster 2D code reading compared to the previous generation**
Enables fast transactions and improves the customer experience with consistently high precision.

✓ **Ready for GS1 Digital Link and AI-supported workflows**
By supporting modern technologies, the scanner is ready for new retail standards. AI-supported workflows, such as automatic product recognition, can also be integrated.

✓ **Flexible scale integration**
The device can be equipped with pre-installed or on-site certifiable scales to meet different local requirements.

✓ **Integrated EAS antenna and optional camera for theft prevention**
Reduces inventory losses and provides valuable data for security and analysis purposes.

✓ **Energy-efficient: Lowest energy consumption in its class**
Operating at just 3.95 W (2.57 W in ECO mode), the 9550i is one of the most energy-efficient scanners in its class.

Datalogic Magellan 9550i

Features

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

Data capture: 5 pages plus customer scanner

Ambient light: 0 to 86,080 lux

Lighting: Several diffused LEDs

Feedback: LED, loudspeaker

POS operating system: OPOS and JavaPOS on Windows or Linux

Connectivity: USB, RS-232

Dimensions: Depth (under table): 10.2 cm, height (above table): 13.0 cm, width: 29.2 cm, length (depending on model): 35.6-50.8 cm

Optional accessories

Customer display

USB colour camera

Datalogic Magellan 9550i

DECODING CAPABILITY

1D / Linear Codes	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
Stacked Codes	EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MicroPDF417; PDF417; UPC A/E Composites
2D Codes	Aztec Code; Data Matrix; QR Code, Micro QR Code

ELECTRICAL

AC Power Requirements	AC Input: 100 - 240 VAC, 50-60 Hz Power Consumption: Operating (Nominal): 3.95W (2.57 ECO Mode) Idle (Nominal): 2.6W (1.7W ECO Mode)

ENVIRONMENTAL

Ambient Light	0-86,080 lux
ESD Protection (Air Discharge)	25 kV
Humidity (Non-Condensing)	5 - 95%
Temperature	Operating: 10 to 40 °C / 50 to 104 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F

INTERFACES

Auxiliary Ports	Remote Scale Display EAS Controller Port Powered USB Host (Type A) (x2)
Multi-Interface	RS-232 Single Cable/Dual Cable USB COM/OEM/Keyboard USB Single Cable COM
Remote Management Capabilities	Diagnostic Reporting; WMI (OPOS and JavaPOS) and MBeans (JavaPOS) compliant Host Download, Toshiba Remote Management Agent, DLRMUS, and other ERP management Solutions

LOSS PREVENTION

All-Weighs Scale Platter	Integrated horizontal and vertical scale platter surfaces increase active weighing area for easy, accurate weighing of large items.
EAS Features	Integrated EAS Antenna for Checkpoint and Nedap. Sensormatic Deactivation Controller
USB Color Camera	The in-bonnet USB color camera allows retailers to take advantage of image capture or AI anti-shrink workflows like Produce Recognition

OPTIONAL FEATURES

Dual Interval Scale	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
Single Interval Scale	Minimum Increment: 0.005 kg / 0.010 lb; Scale Capacity: 0 - 15.0 kg / 0 - 30.0 lb

PHYSICAL CHARACTERISTICS

Dimensions	Depth (Below Counter): 10.2 cm / 4.0 in Height (Above Counter): 13.0 cm / 5.1 in Length (By Model): Width: 29.2 cm / 11.5 in 9551 (Short, Scanner Only): 35.6 cm / 14.0 in 9553 (Medium, Scanner Only): 40.1 cm / 15.8 in 9555 (Long, Scanner Only): 50.8 cm / 20.0 in 9554 (Medium, Scanner/Scale): 40.1 cm / 15.8 in 9556 (Long, Scanner/Scale): 50.8 cm / 20.0 in
Indicators	Volume/Tone Visual: Good Read confirmation for all reading planes; Scale center of zero

READING PERFORMANCE

Image Capture	Horizontal and Vertical Window: Graphic Formats: BMP, JPEG; Greyscale: 256, 16, 2
Illumination	Multiple Diffused LEDs: Orientation and wavelength optimized for eye comfort
Reading Coverage	Seamless reading of linear and 2D codes in all planes (5 sides plus Customer Service Scanner)

SAFETY & REGULATORY

Agency Approvals	The product meets necessary safety and regulatory approvals for its intended use. The Quick Start Guide for this product can be referred to for a complete list of certifications.
Environmental Compliance	Complies to China RoHS; Complies to EU RoHS; Complies to R.E.A.C.H. - EC1907/2006

UTILITIES

Aladdin™ Utility	Aladdin configuration software is available for download at no charge.
OPOS / JavaPOS	OPOS and JavaPOS utilities are available for download at no charge.

WARRANTY

Warranty	1-Year Standard Factory Warranty