

# S3105

## 45% Faster, Less Power Than a Lightbulb



### High Performance and Cost Savings

The Magellan 9550i is the newest addition to our powerful range of bi-optic scanners. It is the perfect value-for-money solution, offering the lowest power consumption on the market without compromising performance. The Magellan 9550i delivers 2D code reading that is an impressive 45% faster than the previous Magellan bi-optic generation and supports GS1 digital link.

### Drop-In Replacement

Magellan 9550i utilizes the same form factor as our other Magellan bi-optics and is a simple drop-in replacement for any of the previous generation products. Additionally, the 9550i uses the same power supply, scale display, and interface cables as legacy Magellan 9300/9400i, making stocking accessories easier.

### Support to Loss Prevention

The 9550i includes the All-Weighs platter design for weighing accuracy as well as an optional in-bonnet USB color camera that supports AI workflows when paired with an external PC.

### Enterprise Features

Remote Management is supported for OPPOS, JavaPOS on Windows or Linux-based systems.

### Features

- Better 1D and 2D performance than our previous generation bi-optics as well as out-of-the-box support for GS1 2D Digital Link.
- Available with a dedicated Magellan Customer Service Scanner (CSS) with omni-mount for reading cell phones, coupons and loyalty cards.
- Magellan 9550i bi-optic form factor is compatible with traditional checkstands and scanning techniques, providing a competitively priced, high-performance scanning experience.
- Available with factory-installed scales in pre-verified and on-site certifiable versions and models for integration with local-scale manufacturer solutions.
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI.
- Supported by the powered interface on the BEETLE system.
- Plug-and-play compatibility with Diebold Nixdorf ProBase Store.

### Industry - Application

#### All-Weighs Scale Platter

- The All-Weighs scale platter design provides an alternative weighing surface on top of the bonnet, allowing the user to lay produce that is too long to fit on the platter.

#### USB Color Camera

- In-Bonnet USB Color Camera means that retailers can take advantage of new AI workflows like Produce Recognition.



## 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

### Power Requirements

- Scanner Power Consumption: 12 VDC
- Operating (Nominal): 2.6 Watts
- Idle (Nominal): 1.7 Watts\* (value reported in Eco Mode configuration)
- Optional scanner DC brick
- AC Input: 100-240 VAC, 50-60 Hz

### Power Supply

- 12V without power cable

### Cable

- WN RS232 I/F cable straight 4.5 m
- USB Power Plus 12V POT cable w. ferrite straight 4.5 m

### Mains Cable

- United States, Europe (Schuko, Typ F CEE 7/4), Switzerland, United Kingdom, Australia, China, India

## ENVIRONMENTAL

### Ambient Light

- 0-86,080 lux

### ESD Protection (Air Discharge)

- 25 kV

### 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, and other ERP management Solutions

## LOSS PREVENTION

### All-Weights 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

### 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
- Short, Scanner Only: 35.6 cm/14.0 in
- Medium, Scanner Only: 40.1 cm/15.8 in
- Medium, Scanner/Scale: 40.1 cm/15.8 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

- Product meets necessary safety and regulatory approvals for its intended use
- Quick Start Guide can be referred to for a complete list of certifications.

### Environmental Compliance

- Complies to China RoHS, EU RoHS and R.E.A.C.H. - EC1907/2006

## ADDITIONAL

### EAS

- EAS interlock cable

## ACCESSORIES

- Multiple options available in English or Metric units