



## In-Counter Horizontal Single Plane Scanner

The Magellan 2300HS scanner is specifically designed for retailers that require high performance in a compact, horizontal form factor. Tailored for medium to high volume point-of-sale (POS) applications at an affordable price, the Magellan 2300HS scanner is particularly effective in drug stores, convenience stores, smaller to medium sized grocery stores, DIY stores, and specialty stores. With category leading scanning performance for superior ergonomics and throughput, the 2300HS scanner demonstrates the Magellan brand renowned quality and reliability.

FirstStrike® advanced software decoding algorithms provide the industry's best scanning speed and simultaneously improve first pass read rates of damaged, wrinkled, or poorly printed bar codes delivering improved operational efficiencies at the retail checkout.

Flash memory allows for easy software upgrades that help extend the life of the retailer's investment. In addition, an auxiliary RS-232 port can be utilized in a variety of ways, including adding a

handheld scanner, programming and configuring the scanner, or accessing the scanners label data output. For applications requiring electronic article surveillance (EAS), the 2300HS can be equipped with Checkpoint EAS and can support Sensormatic EAS systems with good read acknowledgement via the auxiliary RS-232 port. Optional Value Added Features provide optional information tools that help decrease front-end costs by managing information on scanner software and diagnostics.



## Features

- World's leading horizontal in-counter single plane bar code scanner
- Renowned Magellan brand quality and reliability
- Best in class scanning performance
- FirstStrike advanced decoding software delivers the best performance in reading poor quality labels
- Supports GS1 DataBar™ codes
- Flash memory for easy software upgrades in the field
- Multiple interface solution supports all popular host interfaces in every unit
- Powered auxiliary RS-232 port for easy integration of a handheld scanner
- Checkpoint Systems and Sensormatic EAS compatible (Optional)
- Optional Value Added Features:
  - Diagnostic Reporting - For improved preventative maintenance
  - Productivity Index Reporting™ - Helps identify poorly printed labels

## Specifications

### DECODING CAPABILITY

1D / LINEAR CODES

Autodiscriminates all standard 1D codes including GS1 Databar™ linear codes

STACKED CODES

GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional

### ELECTRICAL

AC POWER REQUIREMENTS

AC Input: 90-265 VAC, 47-63 Hz  
Power Consumption: Operating (Maximum): 9.6 Watts  
Operating (Nominal): 4.0 Watts  
Sleep Mode: 2.5 Watts

### ENVIRONMENTAL

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

IBM 46xx; Keyboard Wedge; OEM (IBM) USB; RS-232; USB  
Powered RS-232

### OPTIONAL FEATURES

EAS FEATURES

Checkpoint Systems: Integrated EAS hardware will work with Counterpoint IV, V, VI and VII models

Sensormatic: Good Read Acknowledgement

Diagnostic Reporting; Productivity Index Reporting™ (PIR)

VALUE ADDED FEATURES

### PHYSICAL CHARACTERISTICS

DIMENSIONS

15.2 x 15.2 x 8.6 cm / 6.0 x 6.0 x 3.4 in

WEIGHT

1.1 kg / 2.5 lb

### READING PERFORMANCE

MOTOR SPEED

6,000 rpm

READ HEIGHT

15.2 cm / 6.0 in

READING INDICATORS

Beeper (Adjustable Tone and Volume)

SCAN LINES

18

### 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 EU RoHS

LASER CLASSIFICATION

Caution Laser Radiation - Do not stare into beam; CDRH Class II EN 60825-1 Class 1

### UTILITIES

OPOS / JAVAPOS

JavaPOS Utilities are available for download at no charge  
OPOS Utilities are available for download at no charge

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