



## 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

[www.scanning.datalogic.com](http://www.scanning.datalogic.com)



## 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<br>Power Consumption: Operating (Maximum): 9.6 Watts<br>Operating (Nominal): 4.0 Watts<br>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<br>Storage/Transport: -40 to 70 °C / -40 to 158 °F |

### INTERFACES

|                 |  |
|-----------------|--|
| AUXILIARY PORTS | IBM 46xx; Keyboard Wedge; OEM (IBM) USB; RS-232; USB<br>Powered RS-232 |
|-----------------|--|

### OPTIONAL FEATURES

|                      |  |
|----------------------|--|
| EAS FEATURES         | Checkpoint Systems: Integrated EAS hardware will work with Counterpoint IV, V, VI and VII models<br>Sensormatic: Good Read Acknowledgement |
| VALUE ADDED FEATURES | Diagnostic Reporting; Productivity Index Reporting™ (PIR)  |

### 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.<br>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<br>OPOS Utilities are available for download at no charge |
|----------------|---|

### WARRANTY

3-Year Factory Warranty

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Product specifications are subject to change without notice.

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