# Magellan® 2300HS

*Horizontal Scanner*

## Unparalleled Horizontal POS Performance

The Magellan® 2300HS horizontal scanner from PSC was designed using Magellan® 8000 series technology to specifically optimize performance for medium to high throughput horizontal applications in grocery, drug, department and general retail environments. Unlike competitive horizontal scanners, the Magellan® 2300HS offers category leading scanning performance, unique value added software features like Productivity Index Reporting™, and our advanced FirstStrike™ decoding software. And because it's based on the Magellan® platform, it does so much more.

The Magellan® 2300HS has a large dense scan pattern to maximize productivity and ergonomics.  And like all Magellan® scanners, it offers flash memory for easy software upgrades, supports host diagnostic reporting, and meets all of the Sunrise 2005 initiatives. The Magellan® 2300HS also supports the most popular symbologies and has optional support for RSS.

## Smart For Your Business

The Magellan® 2300HS was designed to be more than just a bar code scanner. When equipped with Productivity Index Reporting™ (PIR) software, it can identify and track productivity problems with specific items, scanners, lanes, or cashiers to maximize checkstand efficiency.  It's like a watchdog for your point-of-sale.  With PIR, the Magellan® 2300HS is a versatile tool for increasing productivity at the POS and raises the bar for fixed, horizontal scanners to a whole new level!

## Seamless Integration

Since the Magellan® 2300HS is from PSC, you can count on easy installation and years of worry free operation.  The Magellan® 2300HS installs in a small 6.25" x 6.25" (16cm x 16cm) counter cutout or will fit legacy PSC product cutouts allowing for easy integration into both new and existing point-of-sale configurations.  It also supports all of the most popular host terminal interfaces out of the box, including IBM powered USB.  In addition, the Magellan® 2300HS is compatible with OPOS and JavaPOS systems allowing for even greater installation flexibility at the point of sale.  For fixed, horizontal scanning, nothing beats the performance and rich feature set of the Magellan 2300HS.

## FEATURES

- Aggressive horizontal scan volume
- FirstStrike™ advanced decoding software
- Optional Productivity Index Reporting™ software
- Flash memory for easy software upgrades
- Multiple interface solution supports all popular host interfaces
- Powered auxiliary RS232 port for easy integration of a handheld scanner
- Host diagnostic reporting
- Optional RSS decoding capability
- Optional EAS functionality

*"Nothing Beats a Magellan®"*

# Specifications
## *Magellan® 2300HS*

### Mechanical

**Length**: 6.0" / 15.2 cm
**Width**: 6.0" / 15.2 cm
**Depth**: 3.83" / 9.7 cm
**Weight**: 2.5 lbs. / 1.1 kg

### Optical

Scan lines: 18
Rate: 6,000 RPM
Scan Lines/Sec. 1,800
Depth-of-field: 6.0" / 15.3 cm

### Environmental

**Temperature rating**
Operating: 50° to 104° F / 10° to 40° C
Storage/transport: -40° to 158° F / -40° to 70° C
**Humidity:**
Operating: 5 to 95% NC
Storage/transport: 5 to 95% NC

### Electrical

**AC Power requirements**
90-265 VAC, 47-63 Hz;
4.0 Watts (nominal),
9.6 Watts (maximum),
2.5 Watts (sleep mode)

### Decoding Capability

The Magellan® 2300HS autodiscriminates between all of the following supported symbologies

- UPC Versions A&E
- UPC Supplementals
  (Bookland & Coupon Code)
- UPC Add-ons
  (sub 2 or P2, sub 5 or P5 & C128)
- Reduced Space Symbology
  Optional (RSS-14 expanded and stacked)
- EAN 8, 13
- JAN 8, 13
- EAN/JAN two label
- UCC/EAN 128
- Code 39 (with full ASCII)
- Code 128
- Code 93
- I 2 of 5
- Standard 2 of 5
- Italian Pharmacode
- Codabar/NW7
- MSI/Plessey

### Communications

**Host**
RS232, IBM 46XX, IBM USB
**Other**
Powered RS232 auxiliary port

### Safety and Regulatory

**Electrical:**
EN60 950 (TÜV Europe)
PSE-Mark (Japan); UL 60950 (USA)
CSA 60950 (Canada)
**Emissions:**
CISPR22-B (World)
FCC part 15 Class B (USA)
VCCI-B (Japan)
EN 55022-B (Europe)
NOM (Mexico)
**Laser Safety:**
CDRH Class IIa (USA/Canada)
EN 60825-1 Class 1(Europe)
IEC 60825-1 Class 1 (World)
(CAUTION: Laser Radiation – do not stare into beam);
IEC 60825 Class 1 (Europe)

### Other

**EAS compatibility**
Integrated EAS hardware will work with Counterpoint IV, V, VI and VII models available from Checkpoint® Systems.

Good read acknowledgement with Sensormatic®

Standard Mount

HS1250 Mount Kit (shown with scanner)

**Specifications are subject to change without notice.**
Additional information concerning this product or other PSC products and services can be found at the PSC website: ***www.pscnet.com,*** or contact your PSC representative for more information.

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