

Magellan® 2300HS Ω

Horizontal Scanner

Data Sheet



Mechanical

Dimensions

Height: 6.0" / 15.2 cm
Width: 6.0" / 15.2 cm
Depth: 3.41" / 8.66 cm

Weight: 2.5 lb / 1.1 kg

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

Optical

Scan Lines: 18

Motor Speed: 6,000 RPM

Depth-of-field: 8.0" / 23.3 cm

Read Height: 6.0" / 15.2 cm

Decoding Capability

The Magellan® 2300HS Ω 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 (RSS-14, expanded & stacked)
- EAN 8, 13
- JAN 8, 13
- EAN/JAN two label
- UCC/EAN 128
- Code 39 (with full ASCII)
- Code 128
- Code 93
- Interleaved 2 of 5
- Standard 2 of 5
- Italian Pharmacode
- Codabar/NW7
- MSI/Plessey

Features:

- OmegaTek™ Productivity Technology
- Aggressive horizontal scan volume
- FirstStrike® advanced decoding software
- RSS Decoding capability
- Flash memory for easy software upgrades
- Multiple interface solution supports all popular host interfaces
- Powered auxiliary RS-232 port for easy integration of a handheld scanner
- Host diagnostic reporting
- Optional EAS functionality
- Optional Productivity Index Reporting™ Software
- 2005 Sunrise compliant



Standard Mount



Electrical

AC Power requirements

90-265 VAC, 47-63 Hz
4.0 Watts (nominal)
9.6 Watts (maximum)
2.5 Watts (sleep mode)

Communications

Host: Standard RS-232, IBM 46XX, IBM USB, USB Keyboard, Keyboard Wedge

Other: Powered RS-232 auxiliary port

Safety and Regulatory

Electrical: EN60 950 (TUV Europe) PSE-Mark (Japan); UL60950 (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)

Restriction of Hazardous Substances: Complies to EU RoHS



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 OPOS and JPOS compatible

DATALOGIC™

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