Magellan® 8500Ω

With OmegaTek™ Productivity Technology

Data Sheet

Features:

- Omega*Tek*™ Productivity Technology
- SurroundScan® 3D Scanning™ Technology
- Enhanced All-Weighs™ Platter
- FirstStrike™ Advanced Decoding Software
- Multiple interface solution supports all popular host interfaces
- Flash memory for easy, low cost upgrades
- Powered auxiliary RS-232 port for easy integration of a handheld scanner
- Optional EAS functionality
- Sunrise 2005 and GTIN compliant

Mechanical

Dimensions

Length:
- **Model 8500Ω** (short scanner): 16.5"/ 41.9 cm
- **Model 8501Ω** (long scanner): 20.0"/ 50.8 cm
- **Model 8502Ω** (long scanner/scale): 20.0"/ 50.8 cm

Width: 11.5"/ 29.2 cm

Depth (below counter): 5.0"/ 12.7 cm

Height (above counter): 7.0"/ 17.8 cm

Weight
- **Model 8500Ω** (short scanner): 18.0 lb / 8.2 kg
- **Model 8501Ω** (long scanner): 20.0 lb / 9.1 kg
- **Model 8502Ω** (long scanner/scale): 26.0 lb / 11.8 kg

Scale Capacities
- **Capacity:** 30.0 lb / 9.99 kg or 15 kg (host dependent)
- **Minimum increment:** .01 lb / 0.005 kg
- **Vibration immunity:** 4 programmable filter settings
- **Maximum static weight:** 150 lb / 68 kg
- **Adjustments required:** Calibration only

Optical

Scan Lines: 64
Motor Speed: 6,000 rpm
Scan Rate: 6,400 lines/sec.
Scan Zone: 360° x 2
Sides Read: 6
Read Height: 6.0" / 15.2 cm

Decoding Capability

The Magellan® 8500 Ω decodes and autodiscriminates all of the following 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 and 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
- Italian Pharmacode
- Codabar/NW7
- MSI/Plessey

Environmental

Temperature Rating
- **Operating:** 50° to 104° F / 10° to 40° C
- **Storage/Transport:** -40° to 158° F / -40° to 70° C

Humidity: 5 to 95% NC

Electrical

AC Power Requirements: 100-250 VAC, 50-60 Hz; 9 Watts (nominal), 17 Watts (maximum), 4 Watts (sleep mode)

Communications

Host: All Magellan® 8500 Ω models support –IBM 46XX, RS-232, IBM USB, and keyboard wedge (scanner only)

Other: RS-232 handheld scanner port; scale host port; remote scale display port; EAS interlock port

Safety & Regulatory

Electrical: UL 60950; CSA-C22.2 no.60950; EN60950

Emissions: FCC part 15 subpart j, Class B (USA); AS/NZS 3548 (Australia/New Zealand); ICES-0003 (Canada); VCCI; EN 55022; CISPR 22 and others.

Laser Safety: Class IIa Laser Product; IEC 60825 Class 1 (CAUTION: Laser Light – do not stare into beam)

Weights & Measures: *Standards - HB44, OIML R76-1 and R76-2, EN45501, 90/384/EEC, NOM, and others. Countries approved*: USA, Canada, Mexico, Europe, Australia, New Zealand, Puerto Rico, and most of the world.

* **Contact your PSC representative** for certification schedule and additional listings.

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.

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