

Magellan® 8500

With OmegaTek™ Productivity Technology



Mechanical

Dimensions

Length:

Model 8500 (short scanner): 41.9 cm / 16.5"

Model 8501 (long scanner): 50.8 cm / 20.0"

Model 8502 (long scanner/scale): 50.8 cm / 20.0"

Width: 29.2 cm / 11.5"

Depth (below counter): 12.7 cm / 5.0"

Height (above counter): 17.8 cm / 7.0"

Weight

Model 8500 (short scanner): 8.2 kg / 18.0 lb

Model 8501 (long scanner): 9.1 kg / 20.0 lb

Model 8502 (long scanner/scale): 11.8 kg / 26.0 lb

Scale Capacities

Capacity: 999 kg / 30.0 lb or 15 kg (host dependent)

Minimum Increment: 0.005 kg / .01 lb

Vibration Immunity: 4 programmable filter settings

Maximum Static Weight: 68 kg / 150 lb

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: 15.2 cm / 6.0"

Decoding Capability

The Magellan® 8500 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 & CI28)
- 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

Features:

- OmegaTek™ Productivity Technology
- SurroundScan® 3D Scanning™ Technology
- Enhanced All-Weights® 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



Data Sheet

Environmental

Temperature Rating

Operating: 10° to 40° C / 50° to 104° F

Storage/Transport: -40° to 70° C / -40° to 158° F

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 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)

Restriction of Hazardous Substances: Complies to EU RoHS



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 Datalogic Scanning 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 Sensomatic.

DATALOGIC™

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