

# Magellan® 8500Ω

With OmegaTek™ Productivity Technology



## 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 & EUPC 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



"Nothing Beats a Magellan®"



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R40-0072-US C 0805

# Data Sheet

## 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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