

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: 9.99 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 & Cl28)
- · Reduced Space Symbology (RSS-14, expanded and stacked)
- EAN 8, 13
- IAN 8.13
- · EAN/JAN two label
- LICC/FAN 128
- · Code 39 (with full ASCII)
- Code 128
- Code 93
- Interleaved 2 of 5
- · Italian Pharmacode
- Codabar/NW7
- MSI/Plessey

# **Environmental**

Temperature Rating

Operating:  $10^{\circ}$  to  $40^{\circ}$  C /  $50^{\circ}$  to  $104^{\circ}$  F Storage/Transport:  $-40^{\circ}$  to  $70^{\circ}$  C /  $-40^{\circ}$  to  $158^{\circ}$  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)

Data Sheet

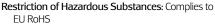
#### Communications

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)















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.

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

Good read acknowledgement with Sensormatic.

# Features:

Omega Tek<sup>™</sup> 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







www.datalogic.com

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