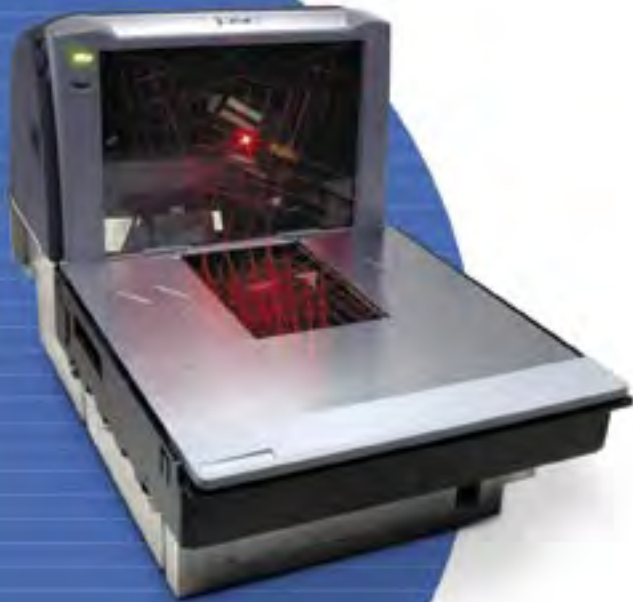


# Magellan<sup>®</sup> 8500

High Performance Scanner/Scale



## Features:

- SurroundScan<sup>™</sup> 3D Scanning<sup>™</sup> Technology
- Enhanced All-Weights<sup>™</sup> Platter
- FirstStrike<sup>™</sup> Advanced Decoding Software
- Multiple interface solution supports all popular host interfaces
- Optional Productivity Index Reporting<sup>™</sup> (PIR) and Cashier Training<sup>™</sup> software
- Flash memory for easy, low cost upgrades
- Powered auxiliary RS232 port for easy integration of a handheld scanner
- Optional RSS decoding
- Optional EAS functionality
- Configurable sleep and wake up mode

## The Premier Productivity Tool For High Volume POS

The Magellan<sup>®</sup> 8500 is the highest performing scanner/scanner-scale available for large volume point-of-sale applications. It is the first scanner to use PSC's new, ground breaking SurroundScan<sup>™</sup> technology to aggressively scan all 6 sides of an item. Competitive dual-plane scanners can only read 4 or 5 sides at once but the Magellan<sup>®</sup> 8500 can simultaneously read the bottom, top, and all four sides of store items. With SurroundScan, a bar code in virtually any orientation can be read with the first pass. It has never been easier, faster, or more ergonomic to scan at the POS!

The Magellan<sup>®</sup> 8500 also incorporates FirstStrike<sup>™</sup>, PSC's most advanced decoding software. It enables the reading of torn, poorly printed, and disfigured labels of all types. FirstStrike also supports all of the most popular symbologies, including Reduced Space Symbology (RSS) and is able to autodiscriminate all supported symbologies for added flexibility.

## Smart Technology For Your Business

The Magellan<sup>®</sup> 8500 has a powered auxiliary RS232 port for integrating a PSC handheld scanner for those large or heavy items that are often left in the shopping cart. This port can also be used to update the scanner's software in flash memory. Additionally, the Magellan<sup>®</sup> 8500 can be equipped for full electronic article surveillance (EAS) functionality, including Interlock, for one step scanning and security tag deactivation.

To add even more value to the POS environment, the Magellan<sup>®</sup> 8500 features optional productivity enhancement software. One application, Productivity Index Reporting<sup>™</sup> (PIR), will automatically monitor the bar codes being scanned and will alert management to items that are consistently slowing down the checkout process. Another application, Cashier Training<sup>™</sup>, is designed to teach user's faster, more ergonomic scanning techniques.

## Seamless Integration

Since the Magellan<sup>®</sup> 8500 is from PSC you can count on easy installation and years of worry free operation. The Magellan 8500 has the same footprint as the original Magellan SL<sup>®</sup> (20.0" x 11.5" / 50.8 x 29.2 cm) so it will integrate easily into both new and existing point-of-sale configurations. It also supports all of the most popular host terminal interfaces right out of the box, including RS232, IBM 46XX, and IBM Power Plus USB. In addition, the Magellan<sup>®</sup> 8500 is compatible with OPOS and JavaPOS systems allowing for even greater installation flexibility at the point-of-sale.

*"Nothing Beats a Magellan<sup>®</sup>"*



# Specifications

## Magellan® 8500

### Mechanical

#### Length & Weight

- Model 8500 (short scanner)  
16.5" / 41.9 cm & 18.0 lbs. / 8.2 kg
- Model 8501 (long scanner)  
20.0" / 50.8 cm & 20.0 lbs. / 9.1 kg
- Model 8502 (long scanner/scale)  
20.0" / 50.8 cm & 26.0 lbs. / 11.8 kg

Width: 11.5" / 29.2 cm

Depth (below counter): 5.0" / 12.7 cm

Height (above counter): 7.0" / 17.8 cm

#### Scale Capacities

- Capacity: 30.0 lbs. / 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 lbs. / 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

### 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)

### 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 & C128)
- Reduced Space Symbology – *Optional* (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
- 12 of 5
- Italian Pharmaco
- Codabar/NW7
- MSI/Plessey

### Communications

- Host: All Magellan® 8500 models support – IBM 46XX, RS232, and IBM USB
- Other: RS232 handheld scanner port; scale host port; remote scale display port; EAS interlock port

### Safety / Regulatory

Electrical: Resolution No. 92/98 (Argentina); AS 3260 (Australia); C22.2 No. 1950 (Canada); EN60 950 (TÜV Europe); MITI T-Mark (Japan); UL 1950 (USA)

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

#### Laser safety: Class IIa Laser Product



(CAUTION: Laser Light – do not stare into beam); IEC 825 Class 1, EN60 825 Class 1 (Europe)

Weights and measures: Australia; Canada; Mexico; New Zealand; Puerto Rico; USA (NIST Handbook 44)

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.



### PSC Inc.

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Fax: 541 345 7140

### Specifications are subject to change without notice.

Additional information concerning this product or other PSC products and services can be found at the PSC website: [www.pscnet.com](http://www.pscnet.com), or contact your PSC representative for more information.



### PSC Worldwide Sales and Service locations

Australia - NSW Tel: 61 2 9878 8999 Fax: 61 2 9878 8688	Australia Tel: 61 3 9281 3288 Fax: 61 3 9243 5510	Belgium Tel: 32 2 414 74 09 Fax: 32 2 410 11 63	Brazil Tel: 55 11 5507 7721 Fax: 55 11 5507 7696	Chile Tel: 562-339-7000 Fax: 562-339-7985	China Tel: 86 10 6857 9048 Fax: 86 10 6857 8699	China - South Tel: 86 20 8765 9955 Fax: 86 20 8765 9955	France Tel: 33 1 64 86 71 00 Fax: 33 1 64 46 72 44
Germany Tel: 49 6151 93580 Fax: 49 6151 935897	Hong Kong Tel: 852 25846210 Fax: 852 25210291	India Tel: 91 11 24621586 Fax: 91 11 24641662	Italy Tel: 39 039 629031 Fax: 39 039 6859496	Japan Tel: 81 3 3491 6761 Fax: 81 3 3491 6656	Latin America Tel: 1 305 539 0111 Fax: 1 305 539 0206	Singapore Tel: 65 435 1311 Fax: 65 226 1242	Spain Tel: 34 91 746 28 60 Fax: 34 91 742 35 33
Sweden Tel: 46 4010 84 92 Fax: 46 4010 84 91	United Kingdom Tel: 44 1923 809500 Fax: 44 1923 809505						