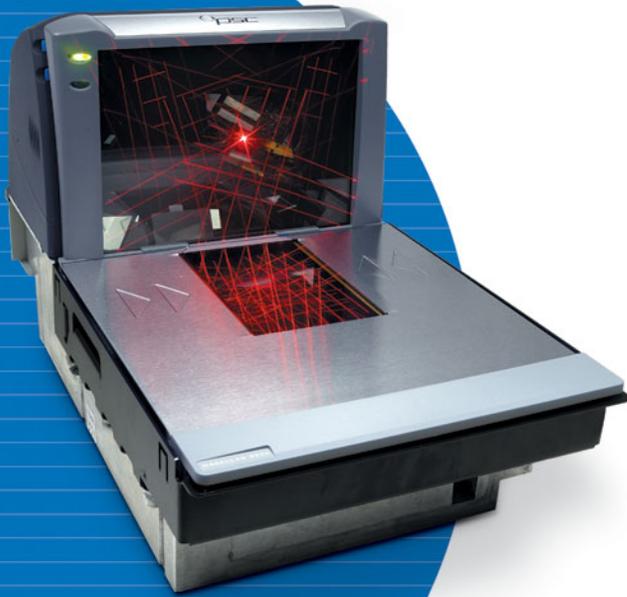


Magellan® 8500

High Performance Scanner/Scale



Features:

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

The Premier Productivity Tool For High Volume POS

The Magellan® 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™ 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® 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® 8500 also incorporates FirstStrike™, 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® 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® 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® 8500 features optional productivity enhancement software. One application, Productivity Index Reporting™ (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™, is designed to teach user's faster, more ergonomic scanning techniques.

Seamless Integration

Since the Magellan® 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® (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® 8500 is compatible with OPOS and JavaPOS systems allowing for even greater installation flexibility at the point-of-sale.

"Nothing Beats a Magellan®"



Specifications

Magellan® 8500

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 or contact your PSC representative for more information.

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; 14 Watts (nominal),

17 Watts (maximum), 8 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 & CI28)

Plural Stage Dual UPC

Reduced Space Symbology – *Optional*
(RSS-14, expanded and stacked)

EAN 8, 13

JAN 8, 13

UCC/EAN 128

Code 39 (with full ASCII)

Code 128

Code 93

12 of 5

Italian Pharmacode

Codabar/NW7

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); C222 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.

959 Terry Street

Eugene OR 97402-9150 USA

Tel: 800 695 5700 or 541 683 5700

Fax: 541 345 7140

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

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Tel: 562-339-7000

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Tel: 86 10 6857 9048

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Tel: 34 91 203 65 00

Fax: 34 91 203 65 01

Sweden

Tel: 46 4010 84 92

Fax: 46 4010 84 91

Turkey

Tel: 90 212 23691 15

Fax: 90 212 23691 16

United Kingdom

Tel: 44 1923 809500

Fax: 44 1923 809505

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