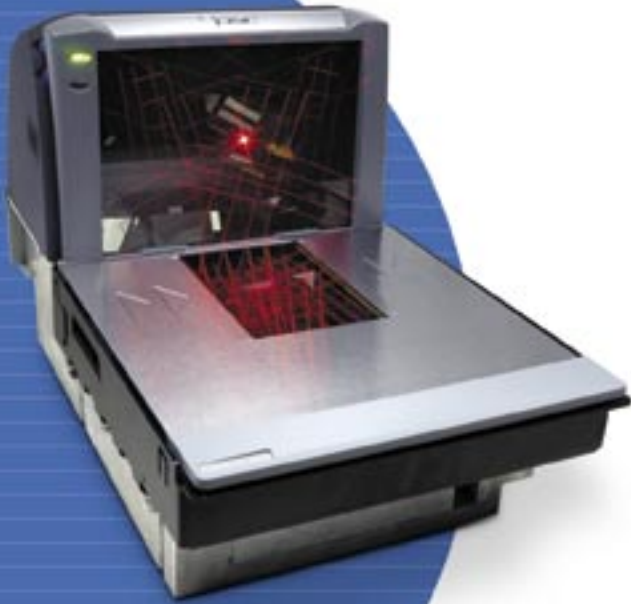


Magellan® 8500

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 EAS functionality
- Configurable sleep and wake up mode
- 2005 Sunrise Compliant

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

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
(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 Pharmacode
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); CSA 60950 (Canada);
EN60 950 (TÜV Europe); MITI T-Mark (Japan);
UL 60950 (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

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

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 6435 1311
Fax: 65 6226 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

Part No. R40-0004-US USE 0104

PSC, the PSC logo, and Magellan are registered trademarks; SurroundScan, 3D Scanning, FirstStrike, All-Weights, Cashier Training and Productivity Index Reporting are trademarks of PSC Inc. All other brand and product names are trademarks of their respective owners.

Printed in U.S.A.

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.

