

# Magellan® 8200

High Performance Scanner and Scanner/Scale



## Features:

- FirstStrike™ Advanced Decoding Software
- Aggressive 360° scan volume
- Multiple interface solution supports all popular host interfaces
- Enhanced All-Weights™ Platter
- Optional Productivity Index Reporting™ (PIR)
- Flash Memory for easy, low cost upgrades
- Powered auxiliary RS232 port for easy integration of a handheld scanner
- Optional RSS decoding
- Optional EAS functionality

## The Performance Tool For High Volume Point-Of-Sale (POS)

The Magellan® 8200 scanner and Magellan® 8200 scanner/scale are members of PSC's high-performance Magellan® line for large volume, point-of-sale applications. It features PSC's patented 360-degree scan pattern for ergonomically correct scanning when seated or standing. Select from five different Magellan® 8200 models to fit your particular application and checkstand designs.

Every Magellan® 8200 also includes FirstStrike™, PSC's advanced decoding software for reading torn, poorly printed and disfigured labels of all types. FirstStrike has the ability to autodiscriminate all supported symbologies for added flexibility and features optional support for Reduced Space Symbology (RSS).

## Smart Technology For Your Business

The Magellan® 8200 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® 8200 can be equipped for full electronic article surveillance (EAS) functionality, including Interlock, for one step scanning and security tag deactivation.

Adding even more value to the POS environment, the Magellan® 8200 features optional productivity enhancement software. 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.

## Seamless Integration

Since the Magellan® 8200 is from PSC you can count on easy installation and years of worry free operation. The Magellan® 8200 has the same familiar form factor as the Magellan SL® so it installs easily into both new and existing point-of-sale configurations. It also supports industry standard host terminal interfaces right out of the box, including RS232, IBM 46XX, and IBM USB. In addition, the Magellan® 8200 is compatible with OPOS and JavaPOS systems allowing for even greater integration flexibility at the point-of-sale.

*"Nothing Beats a Magellan®"*



# Specifications

## Magellan® 8200

### Mechanical

#### Length & Weight

Model 8200 (short scanner)  
13.9" / 35.3 cm & 13.0 lbs. / 5.9 kg  
Model 8201 (medium scanner)  
15.7" / 39.9 cm & 15.0 lbs. / 6.9 kg  
Model 8202 (medium scanner/scale)  
15.7" / 39.9 cm & 18.0 lbs. / 8.2 kg  
Model 8203 (long scanner)  
20.0" / 50.8 cm & 15.0 lbs. / 6.9 kg  
Model 8204 (long scanner/scale)  
20.0" / 50.8 cm & 20.0 lbs. / 9.1 kg

Width: 11.5" / 29.2 cm

Depth (below counter): 4.0" / 10.0 cm

Height (above counter): 5.1" / 13.1 cm

#### Scale Capacities

Capacity: 30.0 lbs. / 9.99 kg or 15 kg  
(host dependent)  
Minimum increment: 0.01 lb. / 0.005 kg  
Vibration immunity: 4 programmable  
filter settings  
Maximum static weight: 150 lbs. / 68 kg  
Adjustments required: Calibration only

### Optical

Scan lines: 48  
Motor speed: 6,000 rpm  
Scan rate: 4,800 lines/sec.  
Scan zone: 360°  
Sides read: 5  
Read height: 6.0" / 15.2 cm

### Environmental

#### Temperature rating

Operating: 50° to 104° F / 10° to 40° C

Storage: -40° to 158° F / -40° to 70° C

Humidity: 5 to 95% NC

### Electrical

#### AC Power requirements:

100-250 VAC, 50-60 Hz; 11 Watts (nominal),

14 Watts (maximum), 4 Watts (sleep mode)

### Decoding Capability

*The Magellan® 8200 autodiscriminates between the following supported 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 ACCIII)

Code 128

Code 93

12 of 5

Italian Pharmacode

Codabar/NW7

MSI/Plessey

### Communications

Host: All Magellan® 8200 models support –  
IBM 46XX, RS232, and IBM USB

Other: Powered RS232 auxiliary 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);  
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;  
90/384/EEC (Europe); 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/Chile  
Tel: 55 11 5507 7721  
Fax: 55 11 5507 7696

China  
Tel: 562-339-7000  
Fax: 562-339-7985

China - South  
Tel: 86 10 6857 9048  
Fax: 86 10 6857 8699

France  
Tel: 86 20 8765 9955  
Fax: 86 20 8765 9955

Tel: 33 1 64 86 71 00  
Fax: 33 1 64 46 72 44

Germany  
Tel: 49 6151 93580  
Fax: 49 6151 935858

Hong Kong  
Tel: 852 258 46210  
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

Part No. R40-0032-US D 0403

### 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.



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