

Magellan® 8200

High Performance Scanner and Scanner/Scale



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 including support for Reduced Space Symbology (RSS). The Magellan 8200 is fully compliant with the 2005 Sunrise initiatives.

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.

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
- RSS Decoding
- Optional EAS functionality
- 2005 Sunrise compliant

"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 (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® 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.



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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.



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