Magellan® 8200Ω

With OmegaTek™ Productivity Technology

Data Sheet

Features:

- OmegaTek™ Productivity Technology
- Enhanced All-Weighs™ Platter
- Aggressive & ergonomic 5-sided scanning
- Multiple interface solution supports all popular host interfaces
- FirstStrike™ Advanced Decoding Software
- Flash memory for easy, low cost upgrades
- Powered auxiliary RS-232 port for easy integration of a handheld scanner
- Host Download
- Diagnostic Reporting
- Optional Productivity Index Reporting™ (PIR)
- RSS Decoding
- Optional EAS functionality
- Sunrise 2005 Compliant

"Nothing Beats a Magellan®"

Mechanical

Length & Weight

Model	Scanner/Scale	Length	Weight
8200Ω	short scanner	35.3 cm / 13.9"	5.9 kg / 13.0 lb
8201Ω	medium scanner	39.9 cm / 15.7"	6.9 kg / 15.0 lb
8202Ω	med. scanner/scale	39.9 cm / 15.7"	8.2 kg / 18.0 lb
8203Ω	long scanner	50.8 cm / 20.0"	6.9 kg / 15.0 lb
8204Ω	long scanner/scale	50.8 cm / 20.0"	9.1 kg / 20.0 lb

Width: 29.2 cm / 11.5"
Depth (below counter): 10.0 cm / 4.0"
Height (above counter): 13.1 cm / 5.1"

Scale Capacities
  Capacity: 9.99 kg or 15 kg / 30.0 lb (host dependent)
  Minimum increment: 0.005 kg / 0.01 lb
  Vibration immunity: 4 programmable filter settings
  Maximum static weight: 68 kg / 150 lb
  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: 15.2 cm / 6.0"

Environmental

Temperature Rating:
  Operating: 10° to 40° C / 50° to 104° F
  Storage: -40° to 70° C / -40° to 158° F
Humidity: 5 to 95% NC

Decoding Capability

The Magellan® 8200Ω 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 & stacked)
- EAN 8, 13
- JAN 8, 13
- EAN/JAN two label
- UCC/EAN 128
- Code 39 (with full ASCII)
- Code 128
- Code 93
- Interleaved 2 of 5
- Italian Pharmacode
- Codabar/NW7
- MSI/Plessey

Electrical

AC Power requirements:
  100-250 VAC, 50-60 Hz
  11 Watts (nominal)
  14 Watts (maximum)
  4 Watts (sleep mode)

Communications

Host: All Magellan® 8200Ω models support IBM 46XX, RS-232, and IBM USB. There is an optional Keyboard Wedge for the scanner-only version.

Other:
  Powered RS-232 auxiliary port
  Scale host port
  Remote scale display port
  EAS interlock port

Safety & Regulatory

Electrical: IRAM (Argentina), AS/NZS 60950 (Australia); CSA-C22.2 No. 60950 (Canada); EN60 950 (TÜV Europe); PSE Mark (Japan); UL 60950 (USA)

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

Laser safety: Class IIa Laser Product

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

Weights and Measures: Argentina; Australia; Brazil; Canada; 90/384/EEC (Europe); Mexico; New Zealand; 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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