

Magellan® 8300

Performance, Quality and Value



Features:

- Enhanced All-Weights® 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
- GSI DataBar™ (RSS) decoding
- Optional EAS functionality
- Integrated Produce Lift Bar or Produce Rail™
- Value Added Features:
 - Host Download
 - Diagnostic Reporting



Mechanical

Length

Model	Scanner/Scale	Length
8301	Short scanner	14.0 in / 35.3 cm
8302	Medium scanner	15.8 in / 39.9 cm
8303	Long scanner	20.0 in / 50.8 cm
8304	Med. scanner/scale	15.8 in / 39.9 cm
8305	Long scanner/scale	20.0 in / 50.8 cm

Width: 11.5 in / 29.2 cm

Depth (below counter): 4.0 in / 10.0 cm

Height (above counter): 5.1 in / 13.1 cm

Scale Capacities

Capacity: 300 lb / 15 kg

Minimum Increment: 0.01 lb / 0.005 kg

Vibration Immunity: 4 programmable filter settings

Maximum Static Weight: 150 lb / 68 kg

Adjustments Required: Calibration only

Optical

Scan Lines: 52

Motor Speed: 4,500 rpm

Scan Rate: 3,900 lines/sec.

Scan Zone: 360°

Sides Read: 5

Read Height: 6.0 in / 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

Decoding Capability

The Magellan® 8300 autodiscriminates between the following supported symbologies:

- UPC Versions A & E
- UPC Supplementals (Bookland & Coupon Code)
- UPC Add-ons (sub 2, sub 5 & C128)
- 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
- GSI DataBar™ (RSS)

Data Sheet

Electrical

AC Power requirements:

100-250 VAC, 50-60 Hz

7 Watts (nominal)

8 Watts (maximum)

4 Watts (sleep mode)

Communications

Host: All Magellan® 8300 models support IBM 46XX, RS-232, OEM USB, Dual RS-232 scanner-scale, and Keyboard Wedge and USB for scanner only models.

Other:

Powered RS-232 auxiliary port

Scale host port

Remote scale display port

EAS 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); BSMI Taiwan

Emissions: FCC part 15, Class A (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)

Restriction of Hazardous Substances: Complies to EU RoHS



Weights and Measures: Argentina; Australia; Brazil; Canada; 90/384/EEC (Europe); Mexico; New Zealand; USA (NIST Handbook 44)

Contact your Datalogic Scanning 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. Sensormatic® compatible.

Good Read acknowledgement with Sensormatic® and Checkpoint® Systems.



DATALOGIC™

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