

Magellan® 8300

Performance, Quality and Value



Features:

- 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
- 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	35.3 cm / 14.0"
8302	Medium scanner	39.9 cm / 15.8"
8303	Long scanner	50.8 cm / 20.0"
8304	Med. scanner/scale	39.9 cm / 15.8"
8305	Long scanner/scale	50.8 cm / 20.0"

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: 15 kg / 30.0 lb

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: 52

Motor Speed: 4,500 rpm

Scan Rate: 3,900 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® 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)

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)

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™

Datalogic Scanning, Inc.

Toll free: 1 800 695 5700

International: 1 541 683 5700

E-mail us at: scanning@datalogic.com

www.scanning.datalogic.com



Copyright © Datalogic Scanning, Inc. 2007. All rights reserved. Protected to the fullest extent under U.S. and international laws. Copying, or altering of this document is prohibited without express written consent from Datalogic Scanning, Inc. • Datalogic Scanning, Inc. of Eugene, Oregon, USA is ISO registered by NQA. • The Datalogic logo is a trademark of Datalogic S.p.A. • Magellan, All Weighs® and FirstStrike are registered trademarks of Datalogic Scanning, Inc. • OmegaTek, Productivity Index Reporting (PIR), Produce Rail and Cashier Training are trademarks of Datalogic Scanning, Inc. • All other brand and product names are trademarks of their respective owners. • Additional information concerning this product or other Datalogic products and services can be found at the Datalogic

R40-Q297UK USA 0707