

Performance, Quality and Value

# Data Sheet

#### 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
- GS1 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: 292 cm / 115"

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)
- FAN 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
- GS1 DataBar<sup>™</sup> (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.

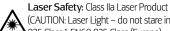
#### Other:

Powered RS-232 auxiliary port Scale host port Remote scale display port **FAS** 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)



(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.

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 Scanning, Inc.

Toll free: 1800 695 5700 International: 1541 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. Copyring or altering of this document is prohibited without express written consent from Datalogic Scanning. Inc. - Datalogic Scanning. Inc. of Eugene. Oregon, U.S.A is ISO registered by NQA - The Datalogic logo is a trademark of Datalogic Scanning Inc. - Datalogic Scanning Inc. - Oregate, Productivity Index Reporting (PIR), Produce Ral and Cashier Tianing 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