

Magellan® 8100

With OmegaTek™ Productivity Technology



Features:

- OmegaTek™ Productivity Technology
- Enhanced All-Weighs® Platter
- Aggressive & ergonomic 5-sided scanning
- 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
- RSS Decoding
- Optional EAS functionality
- Sunrise 2005 Compliant



Mechanical

Length & Weight

Model	Scanner/Scale	Length	Weight
8100	short scanner	35.3 cm / 13.9"	5.9 kg / 13.0 lb
8101	medium scanner	39.9 cm / 15.7"	6.9 kg / 15.0 lb
8102	med. scanner/scale	39.9 cm / 15.7"	8.2 kg / 18.0 lb
8103	long scanner	50.8 cm / 20.0"	6.9 kg / 15.0 lb
8104	long scanner/scale	50.8 cm / 20.0"	9.1 kg / 20.0 lb

Width: 29.2 cm / 11.5"

Depth (below counter): 10.2 cm / 4.0"

Height (above counter): 13.0 cm / 5.1"

Scale Capacities

Capacity: 9.99 kg – 15 kg / 30.0 lb (interface 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: 4500 rpm

Scan Rate: 3,600 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® 8100 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

Data Sheet

Electrical

AC Power Requirements:

100-250 VAC, 50-60 Hz

8 Watts (nominal)

12 Watts (maximum)

4 Watts (sleep mode)

Communications

Host: Choose from: IBM 46XX, RS-232, or IBM USB.

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 (TUV 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)

Restriction of Hazardous Substances: Complies to EU RoHS



Weights and Measures: Australia; 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.

Good Read acknowledgement with Sensormatic®.

DATALOGIC™

Datalogic Scanning, Inc.

Toll free: 1 800 695 5700

International: 1 541 683 5700

E-mail us at: scanning@datalogic.com

www.datalogic.com



Copyright © Datalogic Scanning, Inc. 2005-2007. 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®, SurroundScan and FirstStrike are registered trademarks of Datalogic Scanning, Inc. • OmegaTek, 3D Scanning, Productivity Index Reporting (PIR), 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 web site: www.datalogic.com. • Product specifications are subject to change without notice.

R40-0119-UK US-G 0407