

# Magellan® 8400

Performance, Quality and Value



## Features:

- Enhanced All-Weights® Platter
- Aggressive & ergonomic 360° 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
  - Productivity Index Reporting™ (PIR)
  - Cashier Training™



## Mechanical

### Length

Model	Scanner/Scale	Length
8401	Short scanner	14.0" / 35.3 cm
8402	Medium scanner	15.8" / 39.9 cm
8403	Long scanner	20.0" / 50.8 cm
8404	Med. scanner/scale	15.8" / 39.9 cm
8405	Long scanner/scale	20.0" / 50.8 cm

Width: 11.5" / 29.2 cm

Depth (below counter): 4.0" / 10.0 cm

Height (above counter): 51" / 131 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: 6,000 rpm

Scan Rate: 5,200 lines/sec.

Scan Zone: 360°

Sides Read: 5

Read Height: 6.0" / 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® 8400 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® 8400 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™

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