

# Magellan® 8200

With OmegaTek™ Productivity Technology



## Features:

- OmegaTek™ Productivity Technology
- 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
- Host Download
- Diagnostic Reporting
- Optional Productivity Index Reporting™ (PIR)
- RSS Decoding
- Optional EAS functionality
- Sunrise 2005 Compliant



## Mechanical

### Length & Weight

Model	Scanner/Scale	Length	Weight
8200	short scanner	35.3 cm / 13.9"	5.9 kg / 13.0 lb
8201	medium scanner	39.9 cm / 15.7"	6.9 kg / 15.0 lb
8202	med. scanner/scale	39.9 cm / 15.7"	8.2 kg / 18.0 lb
8203	long scanner	50.8 cm / 20.0"	6.9 kg / 15.0 lb
8204	long scanner/scale	50.8 cm / 20.0"	9.1 kg / 20.0 lb

**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:** 999 kg or 15 kg / 30.0 lb (host 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:** 6,000 rpm

**Scan Rate:** 4,800 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® 8200 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 & CI28)
- 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

## Electrical

### AC Power requirements:

100-250 VAC, 50-60 Hz

11 Watts (nominal)

14 Watts (maximum)

4 Watts (sleep mode)

## Communications

**Host:** All Magellan® 8200 models support IBM 46XX, RS-232, and IBM USB. There is an optional Keyboard Wedge for the scanner-only version.

### 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 (TÜV 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:** 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.

**Good Read** acknowledgement with Sensormatic®.

# DATALOGIC™

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