

# Magellan® 8200 Ω

With OmegaTek™ Productivity Technology



## At A Glance

“Cashiers are dragging product across the scanner once and getting the read. They no longer have to twist their wrists to manipulate the item to re-scan product. We managed to untrain the twisting motion they learned years ago and they are telling us they feel better”

—Bob Shoening, CIO, Pathmark

### What is OmegaTek™ Productivity Technology?

OmegaTek™ Productivity Technology is comprised of hardware and software innovations that significantly improve scanner performance by increasing the scanning speed and by improving the first pass read rates on hard-to-read bar codes. This yields:

- Improved front end checkout productivity by reducing or eliminating re-scans or no-scans
- Improving customer service by reducing the time a customer has to wait in the checkout line

FEATURES	BENEFITS
• OmegaTek™ Productivity Technology	• Improved reading of hard-to-read bar codes improves front end speed & productivity
• Five-sided, 360° Scanning	• Flexible orientation improves productivity & ergonomics
• All-Weights™ scale platter	• Reduces produce shrinkage by up to 1% of weighed produce
• Enhanced decoding with FirstStrike™ decoding software	• Higher read rate of truncated & hard-to-read labels resulting in improved front-end productivity
• Multiple POS interfaces built in	• Protects your investment by providing & easy migration path for POS terminal changes
• Powered RS-232 auxiliary port	• Allows connection for handheld scanner that eases scanning of large or heavy items
• Low energy consumption. Can be powered from many POS terminals.	• Up to 77% lower energy costs than competition while reducing AC outlets in checkstand
• High level of serviceability & reliability	• High reliability reduces downtime & easy serviceability means faster repairs & more efficient servicing
<b>IntelliCompass™ Value Added Features</b>	
• Host Download	• Lowers service cost & improves operations
• Diagnostics Reporting	• Lowers labor costs to service & manage assets
• Productivity Index Reporting™	• Identifies hard to read bar codes

### Accessories

- Scale
- IntelliCompass Software
- Two glass options (Sapphire or DLC)
- Cables, power supplies & cords
- Extended Warranty
- Service Options

### Alternative PSC Solutions

- Magellan 9500 Ω
- Magellan 8500 Ω
- Magellan 8100 Ω



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## 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



"Nothing Beats a Magellan®"

## Mechanical

### Length & Weight

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

Width: 11.5" / 29.2 cm

Depth (below counter): 4.0" / 10.0 cm

Height (above counter): 51" / 131 cm

### Scale Capacities

Capacity: 30.0 lbs. / 999 kg or 15 kg (host dependent)

Minimum increment: 0.01 lb. / 0.005 kg

Vibration immunity: 4 programmable filter settings

Maximum static weight: 150 lbs. / 68 kg

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: 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® 8200Ω 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® 8200Ω 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)



**Weights and Measures:** Argentina; Australia; Brazil; Canada; 90/384/EEC (Europe); Mexico; New Zealand; USA (NIST Handbook 44)

**Contact your PSC 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®.

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