Features:

- Enhanced All-Weighs® Platter
- Aggressive & ergonomic 360° S-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

<table>
<thead>
<tr>
<th>Model</th>
<th>Scanner/Scale</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>8401</td>
<td>Short scanner</td>
<td>14.0” / 35.3 cm</td>
</tr>
<tr>
<td>8402</td>
<td>Medium scanner</td>
<td>15.8” / 39.9 cm</td>
</tr>
<tr>
<td>8403</td>
<td>Long scanner</td>
<td>20.0” / 50.8 cm</td>
</tr>
<tr>
<td>8404</td>
<td>Med. scanner/scale</td>
<td>15.8” / 39.9 cm</td>
</tr>
<tr>
<td>8405</td>
<td>Long scanner</td>
<td>20.0” / 50.8 cm</td>
</tr>
</tbody>
</table>

Width: 15.8” / 39.9 cm
Depth (below counter): 20.0” / 50.8 cm
Height (above counter): 39.9” / 100.0 cm

Scale Capacities
- Capacity: 30.0 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: 56°
- Sides Read: 5
- Read Height: 6.0” / 15.2 cm

Environmental
- Temperature Rating:
  - Operating: 32° to 104° F / 0° 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 Supplements (Bookland & Coupon Code)
- UPC Add-ons (sub 2, sub 5 & EAN)
- EAN 8, 13
- JAN 8, 13
- JAN/EAN two label
- Codabar/EAN128
- Code 39 (with full ASCII)
- Code 128
- Code 93
- Interleaved 2 of 5
- MSI/Plessey
- GSI DataBar™ (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® 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: IEC (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), CPCR 22B, VCCI-B (Japan)

- Laser Safety: Class IIa Laser Product
  - (CAUTION: Laser Light – do not stare into beam); IEC 825 Class I, EN60825 Class (Europe)


Weights and Measures:
- Argentina; Australia; Brazil; Canada; 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.

OmegaTek

Data Sheet

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