

## Magellan 8400



The Magellan 8400 bi-optic scanner is the highest performance 5-sided POS scanner available today. The 8400 improves operational efficiency by achieving outstanding first-pass read rates, and represents the next step in value and checkout productivity from the Magellan family and Datalogic, breaking previous records of performance, reliability and value. The 8400 can be configured as either scanner or scanner/scale combination with Datalogic's exclusive, patented All-Weighs® scale platter to ensure accurate produce and bulk food weighing at the checkout. Two remote scale display options are available; a single display on a pole and a dual display on a single pole for applications requiring separate displays for the cashier and customer. Magellan 8400 models are available in three lengths: long, medium, and short (scanner only) to accommodate various POS configurations. FirstStrike® advanced software decoding algorithms provide the industry's best scanning speed and simultaneously improve first pass read rates of damaged, wrinkled, or poorly printed bar codes delivering improved operational efficiencies at the retail checkout. Flash memory allows for easy software upgrades that help extend the life of the retailer's investment. In addition, an auxiliary RS-232 port can be utilized in a variety of ways, including adding a handheld scanner, programming and configuring the scanner, or accessing the scanners label data output. For applications requiring electronic article surveillance (EAS), the 8400 can be equipped with Checkpoint EAS and can support aftermarket integrated Sensormatic EAS antennas with good read acknowledgement via the auxiliary RS-232 port. Optional Value Added Features provide optional information tools that help decrease front-end costs by managing information on scanner software and diagnostics.

Rating: Not Rated Yet

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**Description**

**Features**

Aggressive and ergonomic 360° 5-sided scanning for best in class scanning performance

Renowned Magellan brand quality and reliability

All-Weighs Scale Platter with integrated Produce Lift Bar or Produce Rail™ (Optional)

FirstStrike advanced decoding software delivers the best performance in reading poor quality labels

Flash memory for easy software upgrades in the field

Multiple interface solution supports all popular host interfaces

Powered auxiliary RS-232 port for easy integration of a handheld scanner

Supports GS1 DataBar™ codes

Checkpoint Systems and Sensormatic EAS compatible (Optional)

Optional Value Added Features:

- Host Download - Lowers Service Cost and Improves Operations
- Diagnostic Reporting - For improved preventative maintenance
- Productivity Index Reporting™ - Helps identify poorly printed labels
- Cashier Training™/ Ergonomic Index - Identifies Poor Scanning Habits

Compatible with Mettler, Bizerba and other adaptive scales

## Specifications

### Decoding Capability

- 1D / Linear Codes
  - Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes
- Stacked Codes
  - GS1 DataBar Expanded Stacked
  - GS1 DataBar Stacked
  - GS1 DataBar Stacked Omnidirectional

### Electrical

- AC Power Requirements
  - AC Input
    - 100-250 VAC, 50-60 Hz
  - Power Consumption
    - Operating (Maximum)
      - 8 Watts
    - Operating (Nominal)
      - 7 Watts
    - Sleep Mode
      - 4 Watts

### Environmental

- ESD Protection (Air Discharge)
  - 25 kV
- Humidity (Non-Condensing)
  - 5 - 95%
- Temperature
  - Operating
    - 10 to 40 °C / 50 to 104 °F
  - Storage/Transport
    - -40 to 70 °C / -40 to 158 °F

### Interfaces

- Auxiliary Ports
  - EAS Port
  - Powered RS-232
  - Remote Scale Display
  - Scale Host
- IBM 46xx
- Keyboard Wedge
  - Scanner Only
- OEM (IBM) USB
- RS-232
- USB
  - Scanner Only

## Optional Features

- All-Weighs Scale Platter
  - Integrated Produce Lift Bar
  - Produce Rail™
- EAS Features
  - Checkpoint Systems
    - Integrated EAS hardware will work with Counterpoint IV, V, VI and VII models
  - Sensormatic
    - Good Read Acknowledgement
- Value Added Features
  - Cashier Training™
  - Diagnostic Reporting
  - Host Download
  - Productivity Index Reporting™ (PIR)

## Physical Characteristics

- Dimensions
  - Depth (Below Counter)  
10.2 cm / 4.0 in
  - Height (Above Counter)  
13.0 cm / 5.1 in
  - Model 8401 (Short, Scanner Only)  
35.6 cm / 14.0 in
  - Model 8402 (Medium, Scanner Only)  
40.1 cm / 15.8 in
  - Model 8403 (Long, Scanner Only)  
50.8 cm / 20.0 in
  - Model 8404 (Medium, Scanner/Scale)  
40.1 cm / 15.8 in
  - Model 8405 (Long, Scanner/Scale)  
50.8 cm / 20.0 in
  - Width  
29.2 cm / 11.5 in
- Scale Capacities
  - Adjustments Required
    - Calibration Only
  - Capacity
    - 15.0 kg / 30.0 lb
  - Maximum Static Weight
    - 68.0 kg / 150.0 lb
  - Minimum Increment
    - 0.005 kg / 0.010 lb
  - Vibration Immunity
    - 4 Programmable Filter Settings

## Reading Performance

- Motor Speed
  - 6,000 rpm
- Read Height
  - 15.2 cm / 6.0 in
- Read Rate (Maximum)
  - 5,200 lines/sec.
- Reading Indicators
  - Beeper (Adjustable Tone and Volume)
  - Good Read LED
- Scan Lines
  - 52
- Scan Zone
  - 360°
- Sides Read
  - 5 Sides

## Safety & Regulatory

- Agency Approvals
  - The product meets necessary safety and regulatory approvals for its intended use.

- The Quick Reference Guide for this product can be referred to for a complete list of certifications.
- Environmental Compliance
  - Complies to EU RoHS
- Laser Classification
  - Caution Laser Radiation - Do not stare into beam
  - CDRH Class IIa
  - EN 60825 Class 1
  - IEC 60825 Class 1

#### **Utilities**

- OPOS / JavaPOS
  - JavaPOS Utilities are available for download at no charge
  - OPOS Utilities are available for download at no charge

#### **Warranty**

- 1-Year Factory Warranty

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Product specifications are subject to change without notice.