Magellan 8500Xt

The Magellan 8500Xt scanner/scales are the culmination of recent developments by Datalogic Scanning in high-performance fixed position scanning for the Retail Industry. No other bar code scanner designed for high volume retail performs better, has better reliability, or has the combination of features that translate into a measurable Return on Investment (ROI) than the Magellan 8500Xt products. The Magellan 8500Xt scanner/scale inherits the Magellan brand's renowned reputation for performance and reliability that has made Magellan the number one high-performance retail scanner brand in the world. Magellan Scale Technology, Datalogic Scanning's new factory certified weighing system, virtually eliminates additional costs associated with integration. Scale-settling times (less than 500 milliseconds) are the fastest in the industry, improving throughput on priced-by-weight items. A Dual Interval Scale model legally weighs smaller, high-priced items for increased revenue. A scale-ready model version for integration of adaptive scales is also available. The Magellan 8500Xt scanner/scale addresses produce shrink at the POS with the patented All-Weighs® scale platter that allows cashiers to weigh long or bulky produce without touching a non-weighing surface. Optional Checkpoint® and Sensormatic® integrated EAS antennas reduce shrink at the POS by requiring a good read before deactivating an EAS tag. Data management is essential for managing POS operations. A new label editing feature enables easy pre-formatting of data before delivery to the POS. Value Added Features are reporting tools that allow data from the scanner to be used to improve throughput and manage maintenance. Special EAS reporting features provide immediate feedback and the ability to track EAS tagging compliance on a per-item basis. The Magellan 8500Xt scanners/scales are the world's number one retail scanner in performance, reliability and high value differentiated features.

Rating: Not Rated Yet
Ask a question about this product

 Datalogic

Description

Features

SurroundScan 3D Scanning^{TM} provides 6-sided scanning to improve throughput, increase operational efficiency, and increase customer satisfaction by shortening checkout lines

Magellan Scale Technology, Datalogic Scanning's new factory certified weighing system, reduces scale settling time to less than 500 milliseconds per transaction improving throughput on weighed items

Patented All-Weighs scale platter reduces produce loss at the front end by providing a unique solution for weighing long or bulky produce

Optional Checkpoint or Sensormatic integrated EAS antennas reduce 'Failure to Deactivate' events at the exit gates

Improved ease of service features reduce the total cost of ownership

Optional PreScan[TM] software allows customers to have their purchases scanned while waiting in line

WMI Compliant; Integrates with IBM Director through RMA

Specifications

Decoding Capability

- 1D / Linear Codes
  - Autodiscriminates all standard 1D codes including GS1 DataBar[TM] 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 Hz
  - Power Consumption
    - Operating (Maximum)
      - 17 Watts
    - Operating (Nominal)
      - 9 Watts

Environmental

- Humidity (Non-Condensing)
  - 5 - 95%
- Temperature
  - Operating
    - 10 to 50 °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
  - Sensormatic EAS Controller Port
- RS-232 / IBM 46XX / USB Multi-Interface
  - OEM (IBM) USB Plus Power (Scanner and Scale)
  - RS-232 (Scanner) / RS-232 (Scale)
  - RS-232 (Scanner) or Single Cable RS-232 (Scanner and Scale)

Optional Features

- All-Weighs Scale Platter
  - Produce Rail[TM]
- EAS Features
  - Checkpoint Systems
    - Integrated EAS hardware will work with Counterpoint IV, V, VI and VII models
  - Sensormatic
    - Datalogic SmartSentry[TM] Firmware Interfaces with the Sensormatic AMB-9010 EAS Deactivation Controller
    - Good Read Acknowledgement
    - Integrated EAS Antenna in the Vertical and Horizontal Plane
- Magellan Scale Technology
  - Dual Interval Scale
  - Single Interval Scale

- PreScan^{TM} Queue-Busting Software Application
  - Single and Multi-Lane Configurations
- Remote Scale Display
  - Dual Display with (20.3 cm / 8.0 in) Post
  - Single Display with (20.3 cm / 8.0 in) Post
- Value Added Features
  - Cashier Training^{TM}
  - Diagnostic Reporting
  - Host Download
  - Productivity Index Reporting^{TM} (PIR)

Physical Characteristics

- Dimensions
  - Depth (Below Counter)
    - 12.7 cm / 5.0 in
  - Height (Above Counter)
    - 17.8 cm / 7.0 in
  - Length
    - Model 8503 (Long, Scanner Only)
      50.8 cm / 20.0 in
    - Model 8504 (Long, Scanner/Scale)
      50.8 cm / 20.0 in
    - Model 8505 (Short, Scanner Only)
      42.2 cm / 16.6 in
  - Width
    - 29.2 cm / 11.5 in
- Scale Capacities
  - Adjustments Required
    - Calibration Only (Unless in EC countries where pre-verification is allowed)
  - Capacity
    - Dual Interval Scale
      - Range 1
        - 0 - 6.0 kg / 0 - 12.0 lb
      - Range 2
        - 6.0 - 15.0 kg / 12.0 - 30.0 lb
    - Single Interval Scale
      - 0 - 15.0 kg / 0 - 30.0 lb
  - Maximum Static Weight
    - 68.0 kg / 150.0 lb
  - Minimum Increment
    - Dual Interval Scale
      - Increment 1
        - 0.002 kg / 0.005 lb
      - Increment 2
        - 0.005 kg / 0.010 lb
    - Single Interval Scale
      - 0.005 kg / 0.010 lb
  - Vibration Immunity
    - 4 Programmable Filter Settings
- Weight
  - Model 8503 (Long, Scanner Only)
    9.1 kg / 20.0 lb
  - Model 8504 (Long, Scanner/Scale)
    11.8 kg / 26.0 lb
  - Model 8505 (Short, Scanner Only)
    8.2 kg / 18.0 lb

Reading Performance

- Motor Speed
  - 6,000 rpm
- Read Height
  - 15.2 cm / 6.0 in
- Read Rate (Maximum)
  - 6,400 scan lines/sec.
- Reading Indicators
  - Beeper (Adjustable Tone and Volume)
  - Good Read LED

- Scan Lines
    - 64
- Scan Zone
    - 360° x 2
- Sides Read
    - 6 Sides - SurroundScan 3D Scanning^{TM}

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 China RoHS
    - Complies to EU RoHS
- Laser Classification
    - Caution Laser Radiation - Do not stare into beam
    - CDRH Class IIa

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