



High Performance In-Counter Scanner and Scanner/Scale

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-Weights® 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.



Features

- SurroundScan® 3D Scanning™ 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-Weights® 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™ software allows customers to have their purchases scanned while waiting in line
- WMI Compliant; Integrates with IBM Director through RMA

www.scanning.datalogic.com



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 Hz
Power Consumption: Operating (Maximum): 17 Watts
Operating (Nominal): 9 Watts

ENVIRONMENTAL

HUMIDITY (NON-CONDENSING)
TEMPERATURE

5 - 95%
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
EAS FEATURES

Produce Rail™
Checkpoint Systems: Integrated EAS hardware will work with Counterpoint IV, V, VI and VII models
Sensormatic: Datalogic SmartSentry™ Firmware Interfaces with the Sensormatic AMB-9010 EAS Deactivation Controller; Good Read Acknowledgement; Integrated EAS Antenna in the Vertical and Horizontal Plane
Dual Interval Scale; Single Interval Scale
Single and Multi-Lane Configurations
Dual Display with (20.3 cm / 8.0 in) Post
Single Display with (20.3 cm / 8.0 in) Post
Cashier Training™; Diagnostic Reporting; Host Download; Productivity Index Reporting™ (PIR)

MAGELLAN SCALE TECHNOLOGY
PRESCAN™ QUEUE-BUSTING SOFTWARE
REMOTE SCALE DISPLAY

VALUE ADDED FEATURES

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
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

WEIGHT

READING PERFORMANCE

MOTOR SPEED
READ HEIGHT
READ RATE (MAXIMUM)
READING INDICATORS
SCAN LINES
SCAN ZONE
SIDES READ

6,000 rpm
15.2 cm / 6.0 in
6,400 scan lines/sec.
Beeper (Adjustable Tone and Volume); Good Read LED
64
360° x 2
6 Sides - SurroundScan 3D Scanning™

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

ENVIRONMENTAL COMPLIANCE
LASER CLASSIFICATION

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



© 2009 Datalogic Scanning Inc.

All rights reserved. • Protected to the fullest extent under U.S. and international laws.
• Copying, or altering of this document is prohibited without express written consent from Datalogic Scanning, Inc.

Datalogic is a registered trademark of Datalogic S.p.A. in many countries and the Datalogic logo is a trademark of Datalogic S.p.A.

Magellan, All Weights and SurroundScan are registered trademarks of Datalogic Scanning Inc. and 3D Scanning, Cashier Training, PreScan, Produce Rail and Productivity Index Reporting and SmartSentry are trademarks of Datalogic Scanning Inc.

Other brand and product names may be trademarks of their respective owners.

Product specifications are subject to change without notice.

DS-MAGELLAN8500XT-EN 20090522

www.scanning.datalogic.com