PRODUCT BULLETIN

◇DATALOGIC™

Product: Magellan 8500Xt Scanner and Scanner-Scale　　　　**General Availability: July 3, 2009**

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Datalogic Scanning Announces the Magellan® 8500Xt Bi-Optic Scanner and Scanner-Scale

Overview

Datalogic Scanning will soon be announcing the NEW Magellan 8500Xt Bi-Optic scanner which it showcased at the Marketechnics Trade Show held in Dallas, Texas on May 6, 2009.

The Magellan 8500Xt scanner is the culmination of the most recent developments in high-performance fixed position scanning for the Retail Industry. No other fixed scanner available today for high volume retail checkouts performs better, has better reliability or has the combination of features that translate a measurable 'Return on Investment' (ROI) than the Datalogic Magellan 8500Xt products.

The Magellan 8500Xt scanner inherits the Magellan family's renowned reputation for performance and reliability which has made Magellan the number one high-performance retail scanner brand in the world.

The Magellan performance begins with the Datalogic patented SurroundScan™ technology which scans an item from all six sides, virtually eliminating re-scans and reducing cashier fatigue.

A new state-of-the-art Microprocessor yields further gains in scanning performance by increasing the Magellan 8500Xt scanners ability to capture hard-to-read bar codes and also improves the reading of the new GS1 DataBar™ codes.

The NEW Magellan® Scale Technology is designed to shorten scale settling times to less than 500 milliseconds, the fastest in the industry. This industry leading weighing system improves throughput on weighed produce and other items which are priced by weight. This new Magellan Scale Technology also offers an optional 'Dual Interval Scale' that has the ability to legally weigh smaller, high priced items for increased revenues. For installations in Europe, the Magellan 8500Xt scanner still offers adaptive scale options or it can be equipped with the Magellan Scale Technology from our certified factory to eliminate the additional cost and time of on-site calibrations in most countries.

Loss prevention is a key to restoring lost profits. The Magellan 8500Xt scanner addresses produce shrink at the POS with the patented All-Weighs™ Scale Platter which provides two different ways for cashiers to weigh long produce without losing the weight hanging off the scale, causing shrink (loss). Antennas from the optional Checkpoint® and Sensormatic® integrated EAS software reduce 'sweethearting' shrink at the POS by requiring a good read before the EAS tag deactivation is activated. Performing EAS tag deactivation at the point of scanning reduces 'failure to deactivate' events at the exit doors, creating a friendlier atmosphere for customers. In addition, having the EAS antenna's pre-installed at the factory simplifies field installation.

Data management is essential for managing POS operations. The Magellan 8500Xt scanner has a NEW 'label editing' feature that allows easy pre-formatting of data before delivery to the POS. Value Added Features such as Diagnostics Reporting, Cashier Training™ and Productivity Index Reporting™ allow management to use additional data from the scanner to improve throughput and manage maintenance. Special EAS Reporting features provide immediate feedback on EAS management, including the ability to track EAS tagging compliance on a 'per item' basis. All scanners are OPOS and JavaPOS compliant and are WMI Compliant, integrating with IBM Director through RMA.

To further lower the Total Cost of Ownership (TCO), the Magellan 8500Xt scanner was designed with a smaller 'below the counter' size, improved lift handles to ease installation, improved scale calibration sealing and easy to clean contoured optics.

The Magellan 8500Xt scanner is the world's number one retail scanner in performance, reliability and high-value features.

Features and Benefits (New Features in *Italics*)

Product Features	Customer Benefits
A New Analog Devices® Blackfin® DSP, 16/32 bit Microprocessor	Increased POS scanning throughput on hard-to-read labels such as the GS1 DataBar™ coded items and coupons
New Magellan® Scale Technology	• Reduces scale settling time to 495 milliseconds, the *fastest* in its class, thereby increasing throughput on weighed items which account for 6% of all items sold in a standard grocery store • Adds the option of DUAL INTERVAL WEIGHING to allow for the legal weighing of small, high-priced per weight items, increasing profits • Pre-verified scales that do not require calibration at installation in EC and 90/384/EEC countries
Smaller Footprint Below the Counter	• Provides easy replacement of NCR 7875 scanners without any costly check stand modifications • More room below the counter for other equipment • Lighter shipping weight
'Finger Friendly' Lift Handles	Makes it easier to install and remove the scanner from the check stand, reducing installation time
Improved Calibration Sealing	Reduces the time required to access, activate and seals the scale when calibrating
Contoured Optics	Eases daily cleaning of the lower optical window
Optional Integrated Sensormatic® EAS Antenna	With the EAS antenna previously installed in the factory, additional time is not required to perform this operation in the field
Optional PreScan™ Queue-Busting Application Software	When mated with a Datalogic PowerScan® M8300-D handheld wireless scanner, reduces queues by allowing cashiers to scan customers' items while they are waiting in line, thereby improving front end productivity
All-Weighs® Scale Platter	The patented All-Weighs scale platter reduces produce shrink (sales loss) at the point-of-sale by providing two surfaces for cashiers to lay long produce such as celery, squash, cucumbers, etc., without having them touch adjacent surfaces, thereby reducing the weight detected by the scale
User Label Editing	This feature allows the end user to modify the transmission of the label data, such as GS1 DataBar Expanded, to fit specific applications by parsing the data as needed prior to transmitting to the POS
Maximum Scanning Throughput	Maximum throughput means more revenue per POS lane, reduced queues, better customer satisfaction
Web based Sextante GZPS® Gravity Zone Positioning Software	Web based application makes it easy to determine the gravity zone for EC pre-verified scales. No more struggling with paper maps!
New Two Headed Remote Scale Display	A new two headed scale display is now available to assure that both the customer and cashier have a clear view of the weight.

Product Dimensions

The Magellan 8500Xt has been redesigned below the waist to fit easier into competitive checkstand openings to reduce checkstand modification costs. Other dimensions remain consistent with the Magellan 8500.

- Depth below the counter = 4.0 in / 0.2 cm
- For other dimensions, please see the data sheet

How to Order:

The product numbering on the Magellan 8500Xt scanner is different than the Magellan 8500 scanner due to the additional scale and remote scale display offerings in various countries. The following table will specify how to order the NEW Magellan 8500Xt scanner.

Scale Definitions

As Datalogic Scanning expands its scale offerings, you will be exposed to new terms for different capability scales.

Single Interval Scale

Specification	English	Metric	Applications
Range	0 - 30 lb	0 - 15 kg	Standard POS scale application
Increment	.01 lb	.005 kg	

Dual Interval Scale

Specification	English	Metric	Applications
Range 1	0 – 12 lb	0 – 6 kg	Legal weighing of small/high priced items weighing between 0.1 lbs / 40 grams and .2 lbs / 100 grams, the legal minimum weight, allowing for increased sales and profits
Increment 1	.005 lb	.002 kg	
Range 2	.12 – 30 lbs	6 – 15 kg	
Increment 2	.01 lb	.005 kg	

Minimum Legal Weight

Type of Scale	Minimum Legal Weight
Single Interval, English	.2 lb / 3.2 oz
Single Interval, Metric	.1 kg / 100 grams
Dual Interval, English	.1 lb / 1.6 oz
Dual Interval, English	.04 kg / 40 grams

To make your Magellan 8500Xt order easier, please follow the steps below to develop your top level product number.

Ordering a Scanner-Scale

What has changed from the Magellan® 8500 scanner?
- Scanner-scales are now in two classes
  - Class 868 scales are for countries that ARE NOT part of the EC.
  - Class 865 scales are for countries that ARE part of the EC and are pre-verified.
- You will need to determine if you want a single or optional dual interval scale. The dual interval high accuracy scale is an additional price increase.
- You will need to determine if you want Checkpoint® or Sensormatic® EAS antennas. The Sensormatic® EAS is an additional price option.

- Please determine if you want Pre-Scan™ Queue Busting Application Software pre-loaded or not. The Pre-Scan software is an additional price option.

Top Level Part Number Breakdown: **AAABBBCDD-EEFGGGHI**

Identifier	Description
AAA (868 or 865)	**Class Code**
BBB	**Sets the software configuration for the following:** English or Metric Weight Units? Scale Display or No Scale display? Single or Dual Interval Scale?
C	**Glass**: Sapphire (recommended) or Diamond Like Carbon Glass?
DD	**Sets the scale software and regulatory label markings for a specific country**
-EE	**Selects the display needed by the customer**: No Display Single Head Display Dual Head Display **Selects what type of display you want**: Single Interval *Dual Interval Note: Selection must match software configuration selection made in AAA
F	**Select the style of power connector you want**: Select 0 'No Brick' if you will be using a Power Off Terminal type of interface (i.e., Retail USB)
GGG	**Select the POS interface and cable type**: (call technical support for help) RS-232 Scanner / RS-232 Scale, Standard RS-232 Scanner / RS-232 Scale, Wincor Nixdorf Retail USB (Scanner and Scale data) Single Cable RS-232 (Scanner and Scale data) IBM Port 17 (Scanner and Scale data)
H	**Select the EAS antenna type**: Checkpoint® antenna only and hardware kit Checkpoint with antenna and interlock cable and hardware kit
I	**Select 'R'** as all 8500Xt scanners are Lead Free RoHS compliant

* The high accuracy Dual Interval Scale is an additional price increase option

Ordering a Scanner-Only

What has changed from the Magellan 8500 scanner?
- Scanner-only is now 'Class 859'
- You need to determine if you want Pre-Scan™ Queue Busting Application Software pre-loaded or not. The Pre-Scan software is an additional price option.

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Top Level Model Number Breakdown: **AAABBB-CDE-FFFGHI**

Identifier	Description
AAA (859)	**Class Code**
BBB	**Select your software configuration** (unless you have a custom configuration select "001 Universal")
-C	**Select the length of the platter**: Long Short Select which glass type you want Sapphire (recommended) Diamond Like Carbon **Select the type of EAS antenna you want** Checkpoint (this is the default) Other option not ready at this time
D	**Select the regional regulatory labels needed**
E	**Select the type of power connector needed**: Select 0 'No Brick' if you will be using a Power Off Terminal type of interface (i.e., Retail USB)
-FFF	**Select the POS interface and cable type**: (call technical support for help) RS-232 Standard USB Keyboard RS-232 Wincor Nixdorf IBM Port 17 (scanner and scale data)
G	**Select the EAS antenna type**: Checkpoint® antenna only and hardware kit Checkpoint with antenna and interlock cable and hardware kit
H	Reserved for future enhancements. **Select '0'**
I	**Select 'R'** as all 8500Xt scanners are Lead-Free RoHS compliant

Product Configurations (examples)

Part Number	Description
859001-433-20320R	Scanner Only, Standard Configuration, Short Top, Sapphire Glass, Euro Power Brick and Cord, RS-232 WN Cable, Checkpoint EAS With Interlock
858003201-0005020R	Scanner-Scale, Std English Single Interval Scale Configuration, Long Top, Sapphire Glass, US/CAN Scale, No Display, No Power, Retail USB Cable, No EAS
858005211-0223010R	Scanner-Scale, Std English Dual Interval Scale Configuration, Long Top, Sapphire Glass, US/Can Scale, Single Display, US Power Brick and Cord, RS-232 Single Cable, No EAS
855006202-0235010R	Scanner-Scale, Std Metric Dual Interval Scale Configuration, Long Top, Sapphire Glass, Europe Scale, Single Display, Euro Power Brick and Cord, Retail USB Cable, No EAS
858004101-0003011R	Scanner-Scale, Std Metric Single Interval Scale Configuration, Long Top, DLC Glass, US/CAN Scale, No Display or Power, RS-232 Single Cable, Checkpoint EAS
858001201-0123022R	Scanner-Scale, Std English Single Interval Configuration, Long Top, Sapphire Glass, US/CAN Scale, Single Display, US Power Brick and Cord, RS-232 Single Cable, Checkpoint EAS With Interlock
858002203-0145012R	Scanner-Scale, Std Metric Single Interval Scale Configuration, Long Top, Sapphire Glass, NZ/AUST Scale, Single Display, Aust. Power Brick and Cord, Retail USB Cable, Checkpoint EAS With Interlock

Accessories

Part Number	Description
11-0209	Checkstand Fill Kit: Model 8501 & 8502 from NCR 7870/7875
7-0691	DLC Replacement Glass
10-4448	EAS CheckPoint® Antenna Kit
8-0769-03	EAS Interlock Cable (Requires EAS antenna cable)
6003-0927	Power Cord, 100V, Japan
6003-0922	Power Cord, 110V, US Standard (requires power supply)
6003-0932	Power Cord, 110V, US Standard (requires power supply)
6003-0925	Power Cord, 220V, Australia/Argentina
6003-0921	Power Cord, 220V, Europe
6003-0924	Power Cord, 220V, Italy/Chile
6003-0923	Power Cord, 240V, UK
11-0164	Universal Power Supply (requires power cord)
11-0171	US Power Supply Kit (includes supply and standard power cord)

Frequently Asked Questions

Q: Is the Magellan 8500Xt a new product?
A: This is a major enhancement of the Magellan 8500 that catapulted Datalogic Scanning to the number one position in the world in bi-optic scanning with improvements in scanning throughput performance, scale settling time and features.

Q: What improvements will we see in the Magellan 8500Xt?
A: There are three main areas of enhancement:
Performance:

- We have improved the bad label reading performance by integrating a new generation Analog Devices® Blackfin® DSP, 16/32 bit microprocessor. This will improve performance on hard to read labels such at the new GS1 DataBar™ codes.
- We have reduced the scale settling time to improve throughput for weighable items.
  - The Improved 8500 has a settling time of 495 milliseconds, the fastest in the industry. Compare that to the new NCR 78Ofx at 647 milliseconds

Total Cost of Ownership

- To make it easier to do upgrade, we have reduced the footprint to allow direct replacement of the NCR 7875 without check stand modifications.
- The serviceability and reliability has been improved.
  - Improved lift handles
  - Improved dirt and liquid management
  - Improved the access to the scale calibration switch for activation and sealing
- Both Sensormatic® and CheckPoint® EAS antennas are integrated in the factory, saving installation time

Application Enhancements

- Optional PreScan™ queue-busting software allows retailers to perform simple queue-busting with a handheld scanner and no POS application changes required
- New 'User Label Editing' feature allows label data to be customized for specific POS applications

Q: What other key changes have you made to the Magellan 8500Xt?
A: There are several changes:

- The new Magellan Scale Technology allows Datalogic Scanning to provide pre-verified scales that can be installed without having to calibrate the scale at installation. This is only available in EC countries.
- A new remote scale display features a dual display option where two displays are mounted on the same post to allow for both the cashier and the customer to view the displayed weight.

- There is a new dual interval scale option (for higher accuracy) which allows customers to legally weigh small, 'high priced per weight' items for greater profit.

Q: What will happen to the Magellan 9500 fixed scanner?
A: The Magellan 8500Xt scanner will replace the Magellan 9500 scanner by the end of Q1, 2010. The Magellan 8500Xt scanner will be orderable with SmartSentry™ EAS software and a pre-installed Sensormatic® EAS antenna.

Q: Does the Magellan 8500Xt scanner use the same Sensormatic EAS controller as the 9500?
A: No, with the new smaller diameter antenna, the Magellan 8500Xt scanner connects to the latest in Sensormatic EAS technology, the AMB-9010 EAS Controller.

Q: Will the new Magellan 8500Xt be a functionally equivalent plug and play replacement?
A: Yes, this will be a direct fit for all Magellan 8500/9500 applications, with the following exceptions:
- The Aldi North special scanner
- The requirement for a new Sensormatic® EAS controller, the AMB – 9010, as defined by Sensormatic®.

Critical Dates

- Send out key customer qualification units for lab testing only Non-Sensormatic: week of June 8th and 15th
- General Availability Date for non-Sensormatic® versions
  - Scanner only: July 3, 2009
  - Scanner-Scale: July 3, 2009
- General Availability Date for 'Sensormatic ready' versions
  - Scanner and Scanner-Scale: September 1, 2009

Product	Last Order Date	Last Shipment Date	Service
Magellan 8500	September 30, 2009	December 30, 2009	December 20, 2014
Magellan 9500	December 30, 2009	March 31, 2010	March 31. 2015

Products Made Obsolete

- Magellan 8500 Scanner and Scanner-Scale
- Magellan 9500 Scanner and Scanner-Scale

Warranty:

The Magellan 8500 has a standard 12 month end user warranty from the date of shipment. The warranty covers the scanner, scale, remote scale display and also features a lifetime warranty on the sapphire glass option.
Datalogic distribution partners are provided a 15 month warranty from the date of shipment.

Service and Technical Support

The industry-leading flat-rate depot repair program, maintenance contracts and toll-free technical support that Datalogic Scanning channel partners and customers have come to depend on are all available for the Magellan 8500Xt line of scanners and scanner-scales.

For more information on these service and support programs, contact your nearest Datalogic Scanning Service Center.

Sales Tools

The following Sales Tools are currently available for the Magellan 8500Xt bi-optic scanner:

- Magellan 8500Xt Marketing Information Guide (MIG)
- Magellan 8500Xt Competitive Selling Guide
- Magellan 8500Xt PowerPoint Sales Presentation
- Email HTML Templates
- Web Banner Suite
- Data Sheets
    - English (US LTR)
    - English (A4)
    - Brazilian Portuguese
    - Chinese
    - French
    - German
    - Italian
    - Japanese
    - Russian
    - Spanish
- Product Photography – Visit the Extranet for a complete library of photography available

For More Information

Please contact your local Datalogic Scanning office.