



MAGELLAN™ 1100i

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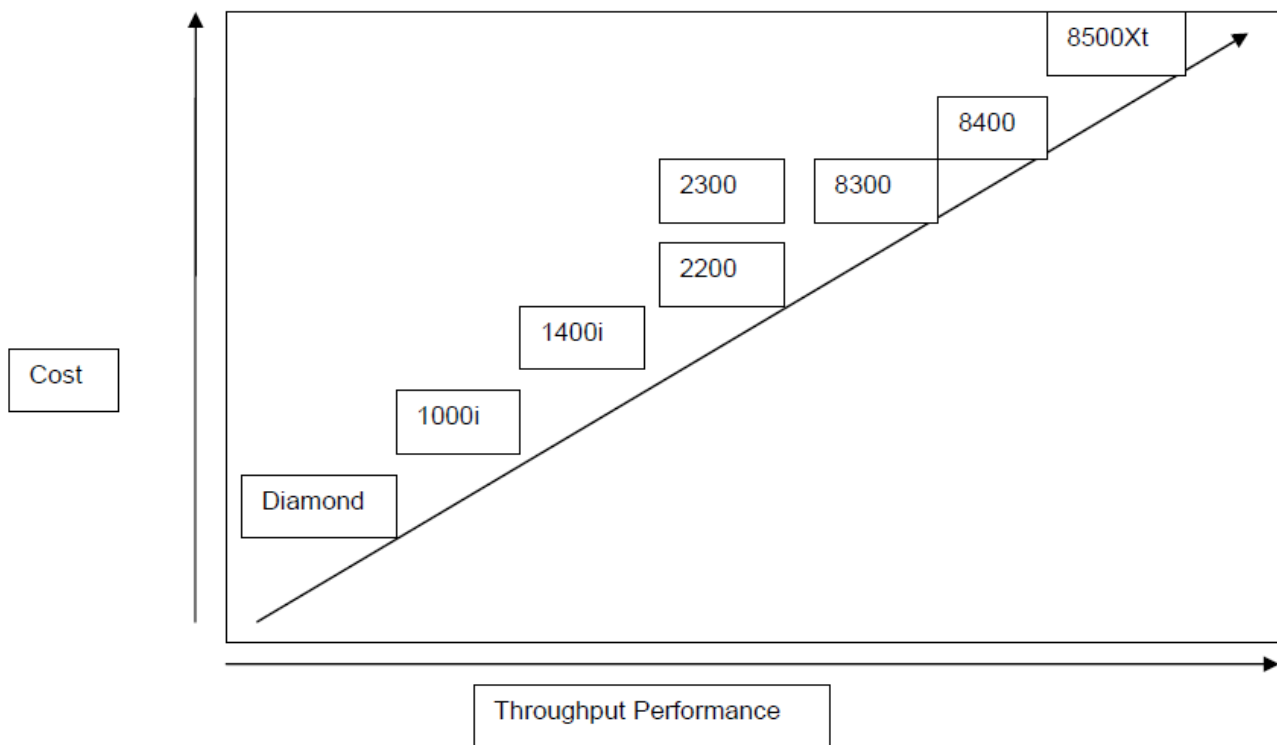
1. Introduction

The Magellan™ 1100i scanner is a new, improved version of the Magellan 1000i scanner utilizing the latest in imaging technology to achieve new levels in performance, features and value.

2. Positioning Statements

2.1. Family Positioning

The Magellan 1100i scanner will replace the Magellan 1000i model as the smallest on-counter scanner in the world's leading



Magellan line of high performance retail scanners. It is the ideal solution for customers who value a small form factor, handheld ergonomics and rich imaging features over the pure throughput performance available from the Magellan 2200VS, 2300HS scanners and the other Magellan bi-optic scanners. It is the next step up in performance for those customers dissatisfied with handheld scanner performance or form. Like all other Magellan scanners, the Magellan 1100i scanner offers category leading performance, value and the industry's best quality and reliability along with unique features like the patented 'Green Spot' good read indicator and Illumix™ intelligent illumination technology for automatically reading bar codes from illuminated displays.

2.2. Product Positioning

The Magellan 1100i scanner represents the latest innovations in imaging based data capture technology from Datalogic ADC. Replacing the world's first imaging based presentation scanner (the Magellan 1000i scanner), the Magellan 1100i scanner elevates performance, features and value for convenience store, drug store, specialty store and other medium volume scanning applications. Like the 1000i scanner, the Magellan 1100i scanner maintains a solid-state design with no moving parts for excellent reliability in the same small enclosure to maximize valuable counter space. The Magellan 1100i scanner excels at capturing hard-to-read bar codes in an omni-directional orientation and supports both sweep and presentation scanning styles of all supported 1D codes with optional support for the most popular 2D codes. The Magellan 1100i scanner technology for reading bar codes from backlit or illuminated displays with minimal flashing, and true 360° targeted scanning for close proximity bar codes like those on a pick list. It's not just a new number – the new Magellan 1100i scanner brings more to the table with more performance, more features and more value than ever before. Take your POS productivity to a whole new level with the Magellan 1100i scanner!



3. General Description

3.1. Product Overview

The Magellan 1100i scanner packs more performance and value into the already leading Magellan 1000i presentation scanner design. The appearance remains the same as the original Magellan 1000i scanner, but the Magellan 1100i scanner has been updated using new electronics and the latest advancements in imaging technology. The result is faster data acquisition of all 1D and 2D bar codes plus expanded image capture capabilities. The updates also include major 2D decoding enhancements, new Illumix™ intelligent illumination technology for mobile phone scanning, the addition of the Datalogic 'Green Spot' good read indicator, and a newly expanded 4.5 – 14 VDC input power range. All these benefits come with no increase or change in pricing – providing even more value.

The Magellan 1100i scanner's electronics weren't just improved – they were redesigned around a 200% faster computing platform to increase the industry leading performance of our patented imaging technology. The two times faster computing platform increases the number of Digital Scan Lines (DSLs) by over 35% and increases the number of DSLs per second by over 56%. All of which add up to better overall scanning performance on all types of labels, including those that are especially hard to read due to poor quality or damage.

Along with the core platform change, the input power range was redesigned to accommodate supplies from 4.5 – 14 VDC on all models. One model will now cover both 5V power-off-terminal applications as well as 12V power-off-terminal applications or it can be used with an external power supply. This greatly simplifies stocking requirements, eases installation and offers complete flexibility for enterprise management across multiple POS systems. Channel partners will appreciate the fact that the quantity of SKU's necessary to support the product will be reduced by half as a result of this design enhancement.



To further increase the value, the Magellan 1100i scanner, when equipped with the optional targeting button, will now include the patented Datalogic 'Green Spot' indicator for enhanced visual good read indication. This is the first time Green Spot technology has ever been available on a Magellan branded product. It is a good example of how the Magellan 1100i scanner uses best-of-breed technology from both our larger, fixed Magellan bi-optic scanners and our world class Gryphon™ handheld products. The configurable Green Spot indicator is especially useful in applications where audible good read indication is not desired or feasible. For example, hospital applications where patients may be resting or recovering would be subjected to an intrusive audible beep. The Green Spot technology is also helpful in noisy applications where the audible good read beep may not always be heard or for handheld scanning situations when other good read indicators may be difficult to notice. The Green Spot is not only a useful feature but it provides a great way to differentiate the product in virtually any selling situation.

Another distinct advantage of the Magellan 1100i scanner is how easy it is to use in applications requiring both on-counter and handheld scanning. The handheld ergonomics of the product are very good for on-counter presentation scanning. It features indented, rubber grip pads to aid in a secure grip (with or without the often used tilting, riser stand accessory). The targeting button is very large and in a centralized location to equally facilitate left or right hand users. The product feels soft in the hand – there are no hard edges or corners to cause fatigue or aches. Best of all, the Magellan 1100i scanner offers a true 360° omnidirectional targeting mode – there is no alignment of the bar code required for either 1D or 2D codes! This feature vastly improves the ergonomics of handheld scanning beyond other presentation scanners – requiring zero alignment of either the scanner or bar code for targeted scanning.

Another distinct advantage of the Magellan 1100i scanner is how easy it is to use in applications requiring both on-counter and handheld scanning. The handheld ergonomics of the product are very good for on-counter presentation scanning. It features indented, rubber grip pads to aid in a secure grip (with or without the often used tilting, riser stand accessory). The targeting button is very large and in a centralized location to equally facilitate left or right hand users. The product feels soft in the hand – there are no hard edges or corners to cause fatigue or aches. Best of all, the Magellan 1100i scanner offers a true 360° omnidirectional targeting mode – there is no alignment of the bar code required for either 1D or 2D codes! This feature vastly improves the ergonomics of handheld scanning beyond other presentation scanners – requiring zero alignment of either the scanner or bar code for targeted scanning.

In any imaging based bar code system two problems always present themselves – 1) how to best handle motion/movement and 2) how to generate enough light. Enter Datalogic's new Illumix™ intelligent illumination technology. Using Illumix™ intelligent illumination technology in concert with the Magellan 1100i scanner's powerful global shutter imager solves these problems by being more efficient with available ambient light and by automatically adjusting to different light levels for the best performance. This allows the Magellan 1100i scanner to read bar codes at speeds up to 80 inches per second (ips) without any special power supplies or configuration changes and to automatically detect bar codes being presented from illuminated screens (like those found on mobile phones, PDA's or computer monitors). In fact, the Magellan Illumix™ intelligent illumination technology performs equally well in either dark or very bright sun lit applications and provides consistent performance across different indoor lighting

(i.e. halogen, incandescent and/or fluorescent lighting). Illumix™ intelligent illumination technology provides all of these benefits while at the same time minimizing and reducing annoying LED flashing commonly associated with imaging based scanning systems.

Like the Magellan 1000i scanner and all Magellan bar code readers, the Magellan 1100i scanner is still designed and built to last. We constantly strive to minimize the total-cost-of-ownership (TCO) while keeping the original acquisition price competitive. Quality and reliability are of paramount importance and each new release, including the Magellan 1100i scanner, must pass a rigorous series of simulated life tests to prove itself worthy of the Magellan name. You can rest easy knowing each Magellan 1100i scanner has been tested to survive multiple 4 ft / 1.2 m drops to a concrete surface, up to 100 6 in / 15 cm counter drops and electro-static-discharge (ESD) events up to 25,000 volts. We push the Magellan 1100i scanner to the limits (and beyond) so that you don't have to.

Loss prevention is a key to restoring lost profits. That's why the Magellan 1100i scanner comes with an integrated CheckPoint™ Systems EAS antenna and new Interlock compatible software which can help reduce 'sweethearting' shrink at the POS by requiring a good read before the EAS tag deactivation occurs. Performing EAS tag deactivation at the point of scanning reduces 'failure to deactivate' events at the exit doors, creating a friendlier atmosphere for customers. And, having the EAS antenna's pre-installed at the factory simplifies field installation and maintenance.

Data management is essential for effectively managing POS operations. The Magellan 1100i scanner has a powerful 'label editing' feature that allows easy pre-formatting of data before delivery to the POS. This allows the scanner to reliably parse specific fields or application identifiers (AI's) without any alteration to the host application. Value added features such as Diagnostics Reporting, Host Download, plus optional Productivity Index Reporting™ allow management to use additional data from the scanner to improve throughput and manage maintenance. In addition, each scanner can also support Remote Management Systems like IBM Tivoli/Director or other WMI compatible tools by simply using the standard Datalogic OPOS driver for host interfacing.

Datalogic ADC's most popular presentation scanner, the Magellan 1100i model, delivers more performance, reliability and high-value features in a proven, time-tested design.

4. Features and Benefits

4.1. Key Features and Customer Benefits

PRODUCT FEATURES	CUSTOMER BENEFITS
Green Spot Indicator ¹	Improves visual feedback to the user. Particularly useful in noisy applications or applications which benefit from complete silence (i.e. healthcare facilities)
Expanded 2D Decoding ²	All of the most popular 2D codes are now supported ² . Well suited for emerging applications requiring the inclusion of more data in smaller spaces where 1D codes would not be acceptable

PRODUCT FEATURES	CUSTOMER BENEFITS
Illumix™ intelligent illumination technology	<ul style="list-style-type: none"> • Allows the scanner to automatically read bar codes from backlit or illuminated displays (e.g. mobile phones, PDA's, PC's, etc.) in a hands-free presentation or targeted scanning modes • Enables the scanner to perform equally well in very dark to very bright ambient light environments • Automatically optimizes imager and illumination settings for image capture mode • Minimizes the flashing commonly associated with full array imaging
2x Faster Processor	Provides more aggressive performance on all supported 1D and 2D codes
4.5 – 14 VDC Input Power	<ul style="list-style-type: none"> • Enables either 5V or 12V host powered interfaces or the use of an external power supply all on the same scanner • Reduces the number of product line SKU's by 50% • Simplifies enterprise management across multiple host/interface types
Expanded Image Capture Controls and Settings ¹	<p>Expanded image capture controls and settings</p> <ul style="list-style-type: none"> • Faster image transfer times using configurable JPEG compression • Contrast and Brightness are configurable • Longer LED pulsing for brighter images
1760 Scan Lines per Second	<p>Increases checkout productivity and improves customer service by reducing the scan time, especially on traditionally hard-to-read or damaged bar code labels:</p> <ul style="list-style-type: none"> • Aggressive imaging performance • Intuitive operation • Reduces checker training • Speeds checkout for better customer service
Autodiscriminates All Bar Codes	<p>The checker has the freedom to scan normal items, ID cards and mobile phone codes totally hands-free using the same peripheral device.</p> <ul style="list-style-type: none"> • Separate 2D scanners are not needed • Simplifies and saves space at the point-of-sale <p>Handheld scanning is still available when needed</p>
Omnidirectional Operation on all Bar Codes	<p>Allows the checker to use either a sweep or presentation style of scanning, depending upon the environment and the types of items:</p> <ul style="list-style-type: none"> • Reduces checker training times • Speeds checkout for better customer service

PRODUCT FEATURES	CUSTOMER BENEFITS
Hands-free Scanning or Handheld Scanning Modes	<p>Typical hands-free scanning in either presentation or sweep styles or the checker can easily pick up the scanner to scan bulky or larger items:</p> <ul style="list-style-type: none"> • Ergonomic design that matches the right scanning technique to the item to be scanned • Reduces checker training • Speeds checkout for better customer service
Small Size	<p>Takes up very little counter space:</p> <ul style="list-style-type: none"> • Frees up additional revenue-producing counter space • Allows hands of all sizes to comfortably hold the scanner when needed • Easy integration into new or existing POS solutions
Solid-state Electronics	<p>Reduces total-cost-of-ownership (TCO) for the user while increasing performance and improving operational efficiency:</p> <ul style="list-style-type: none"> • Because it is designed with no moving parts, the 1100i scanner is more durable than laser scanners which have spinning, wobbling mirrors and high-speed motors
Multiple Interfaces in every Unit	<p>The most popular interfaces are supported in every unit, which increases flexibility while protecting the user's investment:</p> <ul style="list-style-type: none"> • Includes IBM, USB, KBW and RS-232 interfaces in every unit • Provides an easy, low cost migration path – simply scan a programming label and change the cable • Simplifies and reduces costs of inventory for resellers
Checkpoint™ Systems EAS and Interlock Compatible	<p>Allows the Checkpoint Electronic Article Surveillance (EAS) system to be integrated into the scanner:</p> <ul style="list-style-type: none"> • Reduces deactivation failures by linking scanning and EAS tag deactivation
Optional Targeting Mode with Button (now includes Green Spot)	<p>Allows the user to simply and accurately target individual bar codes in close proximity to other codes:</p> <ul style="list-style-type: none"> • Typically used for Price-Look-Up (PLU) lists • Allows lists to be printed with bar codes closer together to save space and improve speed
Precise Imaging Scan Volume	<p>Provides a well-defined scan volume that helps prevent accidental scans of items on a small checkout surface:</p> <ul style="list-style-type: none"> • Reduces misreads caused by stray laser scan lines • Reduces error correction time caused by misreads at the checkout
Flash Memory	<p>Lower cost of ownership since software is easily upgraded: Scanner configuration can be changed New symbologies or updates for existing symbologies are easily added</p>
Optional click-in 2.5 in / 55 mm Riser Stand with Tilt Adjustment	<p>Allows the stand to lock with the scanner to function as one piece. Tilting base allows the scan volume to be optimized for each user and has screw holes for fixed mounting</p>

PRODUCT FEATURES	CUSTOMER BENEFITS
Optional Click-in Fixed Mounting Plate	Allows the scanner to be fixed/mounted to virtually any flat surface.
Optional Flexible 8 in / 20 cm Gooseneck Stand	The best solution for applications requiring the scanner to be positioned over/above a working surface
Available in either Anthracite Black or Light Grey.	Other colors and custom logo options are available for a minimum quantity purchase. Please contact Datalogic ADC or your Datalogic reseller for more information on this service.
¹ Only available on models equipped with the targeting button ² Requires 2D decoding option at time of order	

5. Market Trends

5.1. Technology Trends

- New applications for 2D bar codes like Data Matrix, QR Code and PDF-417 continue to grow
 - Many European countries migrating to Data Matrix by 2010 for Pharmacy Retailing and drug marking for enhanced tracking. This trend will likely expand around the world.
 - Emerging 2D code use for e-tickets and e-coupon applications
 - IATA (airline industry) endorsing use of Aztec, QR Code or Data Matrix to replace Magnetic Stripe Technology for printed and mobile generated tickets
 - Real ID Act in USA requires the use of a standard PDF-417 code for all government issued identification cards
- Mobile phone based commerce, coupons and ticketing applications reinforcing Imaging technologies
- More end-user customers (beyond tier 1 retailers) considering and pursuing remote management systems



5.2. Market Trends

DATALOGIC SCANNING		DATALOGIC				
Market Trends: POS Fixed Bar Code Scanners						
Global Shipments of Stationary POS Scanners by Type (Millions of Dollars)						
Revenue US \$M		Historical 2006	Base Year 2007	Forecast 2012	CAGR 2007-2012	Last Year's CAGR
	Eloptic	193.1	200.6	253.9	4.8%	5.0%
	Presentation	118.2	125.8	175.1	6.8%	6.9%
	Mini-Slot	47.9	49.5	56.6	2.7%	2.7%
	Price Checkers	21.0	22.3	30.4	6.3%	6.6%
	Total	380.2	398.2	516.1	5.3%	5.4%
Global Shipments of Stationary POS Scanners by Type (AUP - Dollars)						
AUP US\$		Historical 2006	Base Year 2007	Forecast 2012	CAGR 2007-2012	Last Year's CAGR
	Eloptic	851.3	826.3	686.3	-3.6%	-3.4%
	Presentation	331.5	318.5	253.1	-4.5%	-3.9%
	Mini-Slot	525.4	513.4	452.1	-2.5%	-2.3%
	Price Checkers	646.2	622.1	503.6	-4.1%	-3.7%
	Average	537.8	517.1	413.6	-4.4%	-3.5%
Key Points:						
<ul style="list-style-type: none"> ▪ Presentation continues to be the fastest growing segment in fixed position scanning and an important segment for DLS ▪ Greatest fixed scanning AUP pressure point is in Presentation due to the expansive number of competitive offerings 						
Confidential Information - Datalogic Scanning						

- Presentation represents a robust \$150 Million segment across many verticals
- 2D handhelds offer a compelling alternative to on-counter presentation scanners
 - Typically have 5 year warranties, longer DOF, and handheld versatility for similar or less cost
 - Lack the same throughput as a presentation scanner (especially for on-counter hands-free scanning)
 - Much lower tolerance for motion of bar codes; typically less than 25 ips (64 cm/s) where most presentations scanners will handle three times that amount of motion

6. Sales and Marketing Information

6.1. Product Ad Builders

Ad Builders are modular blocks of pre-approved copy which are provided to the channel for their individualized use. Examples include: Sales Catalogs, Newsletters, Presentations and localized Promotions. The text could also be used when making prospecting calls.

100 Word Product Copy

It's not just a new number; the Magellan™ 1100i scanner delivers more innovations in imaging based data capture technology from Datalogic ADC. Innovations like the patented Green Spot good read indicator, Illumix™ intelligent illumination technology for reading bar codes from backlit or illuminated displays with minimal flashing, and true 360° targeted scanning of close proximity

on 1D or 2D bar codes. The Magellan 1100i scanner maintains a solid-state design with no moving parts for excellent reliability in a proven, small enclosure to maximize valuable counter selling space. Take your POS productivity to a whole new level with the new Magellan 1100i scanner.

50 Word Product Copy

Stand out from the crowd – The Magellan™ 1100i scanner provides unique features including the patented Green Spot good read indicator, Illumix™ intelligent illumination technology for reading bar codes from backlit or illuminated displays, and true 360° targeted scanning for close proximity bar codes. Differentiate your POS solutions and maximize productivity with the Magellan 1100i scanner.

25 Word Product Copy

Defy the status quo. The Magellan™ 1100i scanner elevates performance, features and value for convenience stores, drug stores, specialty stores and other medium volume scanning applications to new heights.

15 Word Product Copy

The Magellan™ 1100i scanner provides excellent performance, reliability and unique features to maximize POS scanning productivity.

6.2. Channel Bullets

Target Audience: (Distributors, Channel or End User)

- Datalogic ADC fixed retail scanners are number one in the world and the Magellan 1100i scanner builds on that reputation with improved performance, reliability and innovative feature enhancements that retailers value most.
- The Magellan 1100i scanner is now available with Datalogic's patented Green Spot indicator which provides a unique benefit to end-users by providing additional end-user visual feedback in noisy and/or quiet environments. This unique Datalogic ADC feature can help Channel Partners differentiate their solutions against the competition.
- The Magellan 1100i scanner electronics were redesigned around a new twice as fast processor to improve performance on all supported 1D and 2D codes, including the full suite of GS1 DataBar™ codes. Included in the electronic redesign is a wider 4.5 – 14 VDC input power design which reduces SKU's by 50% for Channel Partners and eases ordering, installation and management of the product.
- The Magellan 1100i scanner uses new Illumix™ intelligent illumination technology for reading mobile phone bar codes, optimizing image quality during image capture, providing consistent performance across very dark to very bright ambient lighting and minimizes LED flashing. The product works better in more diverse and emerging applications than any other presentation scanner available.

6.3. Elevator Pitches

(An elevator pitch is a brief overview of an idea for a product, service or project. This is intended to be delivered verbally and is called an 'elevator pitch' because it can be delivered in the time span of an elevator ride (about thirty seconds). Picture this: you step onto an elevator and standing right there is your dream customer. To make sure you're ready to seize the moment, you need the quick facts that will help you to deliver an effective "elevator pitch". You have to convey all the essential information in a clear

and concise manner. The elevator pitch is simply intended to capture the attention of a potential customer. If you achieve that, the odds are good that you'll get a chance to present your business idea in more detail.)

Target Audience: Distributors, Channel and End Users

(An elevator pitch is a brief overview of an idea for a product, service or project. This is intended to be delivered verbally and is called an 'elevator pitch' because it can be delivered in the time span of an elevator ride (about thirty seconds). Picture this: you step onto an elevator and standing right there is your dream customer. To make sure you're ready to seize the moment, you need the quick facts that will help you to deliver an effective "elevator pitch". You have to convey all the essential information in a clear and concise manner. The elevator pitch is simply intended to capture the attention of a potential customer. If you achieve that, the odds are good that you'll get a chance to present your business idea in more detail.)

Distributors:

The Magellan™ 1100i omnidirectional imaging presentation scanner builds and extends on the excellent performance, quality and reliability of the world's #1 fixed scanner brand – Magellan and more specifically the Magellan 1000i scanner (the first and original omnidirectional imaging presentation scanner in world). The Magellan 1100i scanner has been updated with a faster microprocessor, enhanced 2D decoding, Datalogic's patented Green Spot indicator, Illumix™ intelligent illumination technology for scanning bar codes from mobile phones and a wider 4.5 – 14 VDC input power design reducing SKU's by 50%.

Channel:

The Magellan™ 1100i presentation scanner builds and extends on the excellent performance, quality and reliability of the world's #1 fixed scanner brand – Magellan and more specifically the Magellan 1000i scanner (the first omnidirectional imaging based presentation scanner in world). The Magellan 1100i scanner has been updated including enhanced 2D decoding, Datalogic's patented Green Spot indicator, Illumix™ intelligent illumination technology for scanning bar codes from mobile phones (critical for emerging mobile commerce applications), a wider 4.5 – 14 VDC input power design reducing SKU's by 50%, and a powerful parsing engine to customize driver's license (and other bar code) data output to the host.

End Users:

The Magellan™ 1100i presentation scanner builds and extends on the excellent performance, quality, and reliability of the world's #1 fixed scanner brand – Magellan and more specifically the Magellan 1000i scanner (the first omnidirectional imaging based presentation scanner in world). The Magellan 1100i scanner has been updated including enhanced 2D decoding, Illumix™ intelligent illumination technology for scanning bar codes from mobile phones (critical for emerging mobile commerce and ticketing applications), and a powerful parsing engine to customize driver's license (and other bar code) data output to match new or existing POS applications.

6.4. Email Template Copy

(Approved text to be used in email campaigns, possibly the 50 or 100 word product copy. Can be effectively used with the Datalogic email templates created by Marketing.)

Target Audience: Distributors, Channel and End Users

Distributor:

Take your POS to “11” with the new Magellan 1100i scanner

It's not just a new number; the Magellan™ 1100i scanner delivers more innovations in imaging based data capture technology from Datalogic ADC. Innovations like the patented Green Spot good read indicator, Illumix™ intelligent illumination technology for reading bar codes from backlit or illuminated displays with minimal flashing, and true 360° targeted scanning of close proximity 1D or 2D bar codes. The Magellan 1100i scanner maintains a solid-state design with no moving parts for excellent reliability in a proven, small enclosure to maximize valuable counter space. Take your POS productivity to a whole new level with the new Magellan 1100i scanner.

Channel:

Make your Competitors Green with Envy

- Stand out from the crowd – The Magellan™ 1100i scanner provides unique features including the patented Green Spot good read indicator, Illumix™ intelligent illumination technology for reading bar codes from backlit or illuminated displays, and true 360° targeted scanning for close proximity bar codes. Differentiate your POS solutions and maximize your customer's productivity with the Magellan 1100i scanner.

Like 2-for-1 Specials?

- We do too! That's why Datalogic ADC created the new Magellan™ 1100i scanner. It's like two scanners in one with leading on-counter sweep or presentation performance similar to much larger and expensive laser based single plane scanners but it is ergonomic for handheld use offering performance similar to 2D handheld scanners like the Gryphon™ D432.

End Users:

Could you use a little more 'green' at your POS?

- We can help. The new Magellan™ 1100i scanner is now available with Datalogic's patented Green Spot good read indicator. The Green Spot makes it easier than ever to acknowledge good reads for both the cashier and in-store surveillance systems. It will enable your cashiers to be more productive and can help reduce shrink – adding more *green* to your bottom line. So green up your POS today with the new Green Spot equipped Magellan 1100i omnidirectional presentation scanner.

Make your Competitors Green with Envy!

- Stand out from the crowd – The Magellan™ 1100i scanner provides unique features including the patented Green Spot good read indicator, Illumix™ intelligent illumination technology for reading bar codes from backlit or illuminated displays, and true 360° targeted scanning for close proximity bar codes. Differentiate your POS solutions and maximize your customer's productivity with the Magellan 1100i scanner.

Like 2-for-1 specials?

- We do too. That's why we created the new Magellan™ 1100i scanner. It's like two scanners in one with leading on-counter sweep or presentation performance similar to much larger and expensive laser based single plane scanners but it is ergonomic for handheld use offering performance similar 2D handheld scanners like the Gryphon™ D432.

7. Warranty and Service Information

7.1. Factory Warranty

All Magellan 1100i scanners are warranted for two years against defects in workmanship and materials from the date of manufacture. The unit will be repaired or replaced at the discretion of Datalogic ADC upon receipt of the failed unit. The cable is warranted for one year.

7.2. Maintenance Agreements

Quick-Replacement Maintenance Agreement

Datalogic ADC offers a Quick-Replacement (QRP) warranty for the Magellan 1100i scanner. Customers covered by Datalogic's QRP warranty will receive a new or refurbished replacement unit before the defective equipment is returned to Datalogic ADC. Customer sends replacement equipment to Datalogic ADC within one business day of notification. Datalogic ADC pays for overnight shipping and must be notified by 12:00 Noon (PST Monday-Friday, on Datalogic ADC standard business days) to ensure overnight delivery. QRP outside the United States is available through a custom quote. Please call Datalogic ADC for information.

ServicePlus 2-Day Maintenance Agreement

Extended 2-Day Maintenance may be purchased for the Magellan 1100i scanner. Datalogic ADC will repair or replace the defective unit within two business days of its arrival. Datalogic ADC arranges unit pick-up and pays both incoming and return freight via 2nd day air service within the United States. Shipping upgrades are to be paid by customer.

ServicePlus 5-Day Maintenance Agreement

Extended 5-Day Maintenance may be purchased for the Magellan 1100i scanner. Datalogic ADC will repair or replace the defective unit typically within five business days of its arrival. Customer pays for shipping to Datalogic ADC. Return shipping is paid by Datalogic via ground service within the United States. Shipping upgrades are to be paid by customer.

Whole Unit Flat Repair

For a fixed flat fee, Datalogic ADC will repair the defective unit typically within ten business days of its arrival. Customer pays all shipping. Repairs may be expedited for an additional fee.

7.1. Technical Support

Technical Support is offered at different levels: Local Technical Support in each subsidiary covers its' assigned territory and customers. Corporate Technical Support assists the local Technical Support. Service will be provided either by Datalogic ADC or a Datalogic ADC Authorized Service Provider.

8. How to Order

- Select Scanner Color (Black or Grey) and if targeting button is desired or not
- Select Host Interface: RS-232, RS-232-Wincor, Keyboard Wedge, IBM 46xx (port 17, 9, or 5B), OEM USB, USB Hid Keyboard or USB COM
- Determine if an external power supply is needed or not and if so, for which region
- External power supplies are recommended for Keyboard Wedge and some RS-232 connections. Consult your host terminal port specifications to determine what is available.
- Select stand or mounting accessories: Tilting Riser Stand, Fixed Mounting Plate, or 20 cm / 8 in Gooseneck Stand
- Select Host Interfacing Cable
- All of the most popular host terminal port connections are supported. Visit the Datalogic web site or connect your Datalogic ADC Representative for more details.
- Select any Value Added Features (VAF): Productivity Index Reporting™, 2D decoding or both

8.1. Product Configurations

PART NUMBER	MAGELLAN 1100I (NO TARGETING BUTTON) EZ STAND KITS W/ 1D DECODING, CABLE AND STAND (MULTI-INTERFACE IS SET TO MATCH CABLE INTERFACE)
MG111010-102-106	Grey, No Button, RS-232, DB9 2m Cable, NA P/S, Tilting Riser Stand
MG110010-101-106	Black, No Button, RS-232, DB9 2m Cable, NA P/S, Tilting Riser Stand
MG111020-102-201	Grey, No Button, KBW, 5/6 Din PS/2 Cable 2m, NA P/S, Tilting Riser Stand
MG110020-101-201	Black, No Button, KBW, 5/6 Din PS/2 Cable 2m, NA P/S, Tilting Riser Stand
MG111010-202-106	Grey, No Button, RS-232, DB9 2m Cable, EU P/S, Tilting Riser Stand
MG110010-201-106	Black, No Button, RS-232, DB9 2m Cable, EU P/S, Tilting Riser Stand
MG111020-202-201	Grey, No Button, KBW, 5/6 Din PS/2 Cable 2m, EU P/S, Tilting Riser Stand
MG110020-201-201	Black, No Button, KBW, 5/6 Din PS/2 Cable 2m, EU P/S, Tilting Riser Stand
MG111041-002-412	Grey, No Button, USB, 2m Cable, Tilting Riser Stand
MG110041-001-412	Black, No Button, USB, 2m Cable, Tilting Riser Stand
MG111031-002-302	Grey, No Button, IBM 46xx, PT9B 2m Cable, Tilting Riser Stand
MG110031-001-302	Black, No Button, IBM 46xx, PT9B 2m Cable, Tilting Riser Stand
MG111040-002-401	Grey, No Button, OEM USB, 3m Coiled Plus Power POT Cable, Tilting Riser Stand
MG110040-001-401	Black, No Button, OEM USB, 3m Coiled Plus Power POT Cable, Tilting Riser Stand

PART NUMBER	MAGELLAN 1100I (W/ TARGETING BUTTON) EZ STAND KITS W/ 1D DECODING, CABLE, AND STAND (MULTI-INTERFACE IS SET TO MATCH CABLE INTERFACE)
MG113010-102-106	Grey, w/Targeting Mode, RS-232, DB9 2m Cable, NA P/S, Tilting Riser Stand
MG112010-101-106	Black w/Targeting Mode, RS-232, DB9 2m Cable, NA P/S, Tilting Riser Stand
MG113020-102-201	Grey w/Targeting Mode, KBW, 5/6 Din PS/2 Cable 2m, NA P/S, Tilting Riser Stand
MG112020-101-201	Black w/Targeting Mode, KBW, 5/6 Din PS/2 Cable 2m, NA P/S, Tilting Riser Stand
MG113010-202-106	Grey, w/Targeting Mode, RS-232, DB9 2m Cable, EU P/S, Tilting Riser Stand
MG112010-201-106	Black w/Targeting Mode, RS-232, DB9 2m Cable, EU P/S, Tilting Riser Stand
MG113020-202-201	Grey w/Targeting Mode, KBW, 5/6 Din PS/2 Cable 2m, EU P/S, Tilting Riser Stand
MG112020-201-201	Black w/Targeting Mode, KBW, 5/6 Din PS/2 Cable 2m, EU P/S, Tilting Riser Stand
MG113041-002-412	Grey w/Targeting Mode, USB, 2m Cable, Tilting Riser Stand
MG112041-001-412	Black w/Targeting Mode, USB, 2m Cable, Tilting Riser Stand
MG113031-002-302	Grey w/Targeting Mode, IBM 46xx, PT9B 2m Cable, Tilting Riser Stand
MG112031-001-302	Black w/Targeting Mode, IBM 46xx, PT9B 2m Cable, Tilting Riser Stand
MG113040-002-401	Grey w/Targeting Mode, OEM USB, 3m Coiled Plus Power POT Cable, Tilting Riser Stand
MG112040-001-401	Black w/Targeting Mode, OEM USB, 3m Coiled Plus Power POT Cable, Tilting Riser Stand

PART NUMBER	MAGELLAN 1000I SCANNER ONLY
MG110010-000	Magellan 1100i Black 5V No Button, RS-232, Scanner Only
MG111010-000	Magellan 1100i Grey 5V No Button, RS-232, Scanner Only
MG112010-000	Magellan 1100i Black 5V w/Targeting Mode, RS-232, Scanner Only
MG113010-000	Magellan 1100i Grey 5V w/Targeting Mode, RS-232, Scanner Only
MG110010-000B	Magellan 1100i Black 5V No Button, RS-232, Scanner Only w/ 2D Decoding
MG111010-000B	Magellan 1100i Grey 5V No Button, RS-232, Scanner Only w/ 2D Decoding
MG112010-000B	Magellan 1100i Black 5V w/Targeting Mode, RS-232, Scanner Only w/ 2D Decoding
MG113010-000B	Magellan 1100i Grey 5V w/Targeting Mode, RS-232, Scanner Only w/ 2D Decoding

8.2. Accessories

PART NUMBER	DESCRIPTION
11-0387	Accessory Power Supply Kit, 5V AC/DC, NA Plug
11-0388	Accessory Power Supply Kit, 5V AC/DC, 120V, Europe Plug
11-0389	Accessory Power Supply Kit, 5V AC/DC, 120V, UK
11-0390	Accessory Power Supply Kit, 5V AC/DC, Australia
11-0391	Accessory Power Supply Kit, 5V AC/DC, China
11-0114	Black 6 cm Riser Stand w/ Tilt Adjustment and Fixed Mounting Holes
11-0115	Grey 6 cm Riser Stand w/ Tilt Adjustment and Fixed Mounting Holes
11-0143	Black 20 cm Flexible Gooseneck Stand
11-0160	Grey 20 cm Flexible Gooseneck Stand
11-0116	Black Fixed Mounting Plate
11-0117	Grey Fixed Mounting Plate

9. Frequently Asked Questions

Q: The Magellan 1100i scanner is an omnidirectional presentation scanner that uses ‘imaging technology’. What is the difference?

A: The Magellan 1100i scanner is Datalogic’s second generation omnidirectional presentation scanner based on imaging technology. It is a redesigned version of the world’s FIRST omnidirectional imaging presentation scanner – the Magellan 1000i scanner. By using ‘digital’ scan lines, the Magellan 1100i scanner is able to essentially capture the image of a grid of lines aligned in a pattern. This dense pattern is actually captured in four different orientations which alternate very rapidly creating an extremely dense and fast read pattern that makes it very difficult for a bar code that enters the scan volume to escape detection between the lines.

Q: I’m familiar with the Magellan 1000i scanner. What are the differences in the new Magellan 1100i scanner?

A: A lot! The Magellan 1100i scanner has many new features including improved scan performance on all supported bar codes thanks to a 2x faster processor, an expanded full 2D decoding option, the patented Datalogic Green Spot good read indicator on all targeting button equipped models, Illumix™ intelligent illumination technology for reading bar codes from mobile phones or PDA’s, and a wider input power range from 4.5 -14 VDC. Like the 1000i scanner, the Magellan 1100i scanner maintains an all solid-state/digital design with no moving parts for excellent reliability in the same small enclosure to maximize valuable counter selling space. It’s not just a new number – the Magellan 1100i scanner will do more to differentiate your POS solutions and maximize productivity.

Q: Is the Magellan 1100i scanner capable of reading bar codes from a mobile phone?

A: Yes! Either 1D or 2D models of the Magellan 1100i scanner come standard with Datalogic's new Illumix™ intelligent illumination technology which, when activated, is capable of automatically detecting and reading bar codes from mobile phone screens during hands-free or handheld scanning.

Q: Is the Magellan 1100i scanner capable of taking pictures?

A: Yes! The Magellan 1100i scanner uses imaging technology for all bar code reading but can also be used to capture digital images for a variety of applications. Image capture functionality is available only on models equipped with the targeting button. Simply scan the 'Capture Image' bar code in the Product Reference Guide found online and then press the targeting button when you want to capture an image (just like a camera). The Magellan 1100i scanner will then send the image to the host. To date, image capture is limited to the RS-232 and USB COM interface. For more information please contact Datalogic ADC Technical Support.

Q: Is the Magellan 1100i scanner compatible with Magellan 1000i scanner cables and accessories?

A: Yes! All Magellan 1000i scanner cables, stands and power supplies are fully compatible with the Magellan 1100i scanner.

10. Summary

The Magellan 1100i scanner represents the latest innovations in imaging based data capture technology from Datalogic ADC. Replacing the world's first imaging based presentation scanner, the Magellan 1000i scanner, the Magellan 1100i scanner elevates performance, features and value for convenience store, drug store, specialty store and other medium volume scanning applications. The Magellan 1100i scanner excels at capturing hard-to-read bar codes in an omnidirectional orientation and supports both sweep and presentation scanning styles of all supported codes. The Magellan 1100i scanner offers several new and unique features including the patented Green Spot good read indicator, Illumix™ intelligent illumination technology for reading bar codes from mobile phones and true 360° targeted scanning for close proximity bar codes like those on a pick list. It's not just a new number – the new Magellan 1100i scanner brings more to the table with more performance, more features and more value than ever before. Take your POS productivity to a whole new level with the Magellan 1100i scanner!



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