

DATALOGIC SCANNING
POCKET GUIDE



May 2010

ON-COUNTER PRESENTATION READERS

From low-to-medium volume POS applications such as those in convenience, specialty and drug stores, to healthcare and document handling in office environments, Datalogic Scanning's wide range of presentation readers offer a variety of form factors to solve data collection needs.

IN-COUNTER SCANNERS AND SCANNER/SCALES

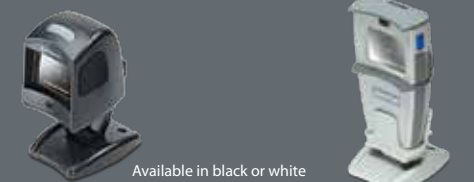
The Magellan™ brand of high performance scanners and scanner/scales are world renown for their unstoppable performance and extreme reliability. Scan after scan, these powerhouses are truly the hardest working scanners in retail. The Magellan line of scanners with its years of continuous development, combined with Datalogic's deep experience in high volume retail checkout environments, has redefined industry expectations. Magellan scanners and scanner/scales are the definitive benchmark for quality and dependability at the point-of-sale (POS).

ON-COUNTER READERS

Magellan™

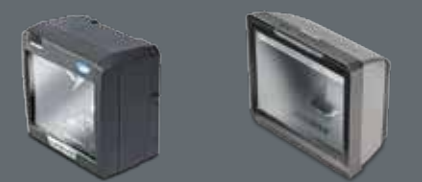
Presentation

The Magellan 1100i / 1400i presentation scanners provide throughput performance similar to larger fixed position single plane scanners like the Magellan 2200VS but in a smaller footprint and are designed for occasional handheld use.



Available in black or white

The Magellan 2200VS scanner is specifically designed for retailers that require high performance in a compact, vertical form factor.



Model	1100i	1400i	2200VS	3200VSi
Technology	Omnidirectional Imager	Omnidirectional Imager	Omnidirectional Laser	Omnidirectional Imager
Distinctive Features	<ul style="list-style-type: none"> Handheld and hands-free operation. Aggressive performance on 1D and optional 2D codes. Precise imaging scan volume eliminates misreads caused by stray laser scan lines. Omnidirectional targeting mode for Price Look-Up (PLU) lists. 	<ul style="list-style-type: none"> Handheld and hands-free operation. Autodiscriminates 1D and 2D codes. Precise imaging scan volume eliminates misreads caused by stray scan lines. Omnidirectional targeting mode for Price Look-Up (PLU) lists. Checkpoint Systems EAS compatible. 	<ul style="list-style-type: none"> Best in class performance for both sweep and presentation scanning. FirstStrike™ advanced decoding software for poor quality labels. Powered auxiliary RS-232 port for easy integration of a handheld scanner. Checkpoint Systems and Sensormatic EAS compatible. 	<ul style="list-style-type: none"> Best in class performance for both sweep and presentation scanning. Autodiscriminates 1D and 2D codes. Powered auxiliary RS-232 port for easy integration of a handheld scanner. Checkpoint Systems and Sensormatic EAS compatible.
Omnidirectional Reading	✓	✓	✓	✓
Handheld Scanning	✓	✓		✓
Presentation Scanning	✓	✓	✓	✓
Sweep Scanning	✓	✓	✓	✓
1D / Linear Codes	✓	✓	✓	✓
PDF	Optional	✓		Optional
2D Codes	Optional	✓		Optional
Datalogic Green Spot	Optional			
Factory Warranty	2 Years	2 Years	3 Years	3 Years
Signature / Image Capture	Light Duty (optional)	Light Duty		Light Duty
Host Download	✓	✓	✓	✓
Diagnostic Reporting	✓	✓	✓	✓
Productivity Index Reporting™	✓	✓	✓	✓
Document Handling	Light Duty	Light Duty		Medium Duty
Ticketing / Access Control	Indoor	Indoor	Indoor	Indoor
Point of Sale (POS)	Medium Duty	Medium Duty	Medium / Heavy Duty	Medium / Heavy Duty
ID / Age Verification (US)	✓	✓		✓
Reads Cell Phone Bar Codes	✓			✓
Merchandise Returns	✓	✓	✓	✓
Front Office	✓	✓	✓	✓
Courier Services / Sorting				
Patient Administration / Doc. Handling	✓	✓		✓
Point of Care / Bedside Bar Coding				
Laboratory Services / Tracking	✓	✓		✓


= Recommended Products
 = Alternative Products
 = Value line of products
 = Premium line of products

IN-COUNTER SCANNERS AND SCANNER/SCALES

Magellan™


Single Plane

The Magellan 2300HS laser scanners and Magellan 3300HSi imaging scanners are specifically designed for retailers that require high performance in a compact, horizontal form factor.



Bi-Optic

The complete line of Magellan bi-optic scanners and scanner/scales are built from a common platform with common features to increase productivity and enhance POS system efficiency. Value Added Features provide reporting tools that help decrease front-end costs by managing information on scanner software and diagnostics.



Model	2300HS	3300HSi	8300	8400	8500Xt
Sides Read	4	4	5	5	6-sided SurroundScan™
Scan Zone			360°	360°	360° x 2
Relative Scan Performance	***	***	*****	*****	*****
Scan Window Glass Options	<ul style="list-style-type: none"> Tin Oxide DLC Sapphire 	<ul style="list-style-type: none"> Tin Oxide DLC Sapphire 	<ul style="list-style-type: none"> DLC Sapphire 	<ul style="list-style-type: none"> DLC Sapphire 	<ul style="list-style-type: none"> DLC Sapphire
Platter Lengths			<ul style="list-style-type: none"> 8301 - Short, Scanner Only 8302 - Medium, Scanner Only 8303 - Long Scanner Only 8304 - Medium, Scanner/Scale 8305 - Long, Scanner/Scale 	<ul style="list-style-type: none"> 8401 - Short, Scanner Only 8402 - Medium, Scanner Only 8403 - Long, Scanner Only 8404 - Medium, Scanner/Scale 8405 - Long, Scanner/Scale 	<ul style="list-style-type: none"> 8505 - Short, Scanner Only 8503 - Long, Scanner Only 8504 - Long, Scanner/Scale
All-Weights™ Scale Platter			Scale Only	Scale Only	Scale Only
Remote Display (Single/Dual)			Scale Only	Scale Only	Scale Only
Produce Rail™ / Lift Bar			Scale Only	Scale Only	Scale Only
Power Consumption	4 Watts	2.8 Watts	7 Watts	7 Watts	9 Watts
Auxiliary Powered RS-232 Port	✓	✓	✓	✓	✓
EAS Checkpoint Option (Integrated)	✓	✓	✓	✓	✓
EAS Sensormatic Option (Integrated)			✓	✓	✓
1D / Linear Codes	✓	✓	✓	✓	✓
PDF417		Optional			
2D Codes		Optional			
Factory Warranty	3 Years	3 Years	1 Year	1 Year	1 Year
VALUE ADDED FEATURES					
PreScan™ Queue-Busting Software Option	✓		✓	✓	✓
Host Download	✓	✓	✓	✓	✓
Diagnostic Reporting	✓	✓	✓	✓	✓
Productivity Index Reporting™	✓	✓	✓	✓	✓
Cashier Training™				✓	✓



Developed for accurate weighing of long, bagged or bulky produce, Datalogic's patented All-Weights™ scale platter joins the horizontal and vertical platters to make one solid piece. This solid construction transfers all the produce weight to the scale.

www.scanning.datalogic.com



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All Datalogic Scanning products support GS1 DataBar™ linear codes.



GENERAL PURPOSE HANDHELD READERS

Datalogic Scanning's wide range of general purpose handheld readers offer users a variety of choices for their data collection activities. Product sets offer conventional laser or linear imaging technology and support for linear or 2D decoding, plus a variety of features to meet specific scanning needs. For use in simple to complex applications across industries, you will find these handhelds easy to use, fast, accurate and extremely versatile, while maintaining ergonomic comfort for extended periods of use.

* MOBILITY / RANGE (Handheld Readers)		
SHORT RANGE	MEDIUM RANGE	LONG RANGE
Up to 12m / 40ft	Up to 30m / 98.4ft	Up to 100m / 328ft

** READING RANGE (Handheld Readers)				
CONTACT	INSTINCTIVE	DISTANCE	LONG RANGE	AUTO RANGE
0-5 cm / 0-2 in	0-30 cm / 0-12 in	0-100 cm / 0-39 in	0-250 cm / 0-98 in	Up to 10 m / 33 ft

INDUSTRIAL HANDHELD READERS

Datalogic's PowerScan™ industrial handheld readers are data collection's definitive example of ruggedness and durability. Often imitated, but never rivaled, the PowerScan products rise above the fray with their outstanding performance and unyielding reliability. Designed for industrial applications or abusive environments, PowerScan readers offer corded and cordless models that include a full array of accessories and options to enhance portability and provide additional usability.

All Datalogic Scanning products support GS1 DataBar™ linear codes.



	GENERAL PURPOSE HANDHELD READERS										INDUSTRIAL HANDHELD READERS						
	Touch™	QuickScan™ Desk		Heron™	QuickScan™ Mobile	Gryphon™					PowerScan™ 7000 / 7100			PowerScan™ 8000			
	An excellent value for those seeking a cost-effective solution.	Entry level products that are small, lightweight and offer snappy reading performance especially on hard-to-read bar codes.		An entry level reader packed with features and perfect for large or small retail or POS applications.	The perfect entry level cordless solution for simple point-to-point communications.	The Gryphon line of handheld readers is the premium, feature-rich solution for general purpose applications. All Gryphons offer top reading and decoding speed including unmatched performance on high resolution codes plus Datalogic's patented Green Spot technology for good read feedback.					The PowerScan 7000 / 7100 product series are Datalogic Scanning's value line of rugged industrial handheld data collection products. The PowerScan 7000 / 7100 1D and 2D imaging readers combine rugged durability and extremely snappy reading performance all at an affordable price.			A high-end solution of features and performance for industrial applications. Datalogic's Three Green Lights (3GL™) ensure quick and reliable feedback featuring the Green Spot on the code combined with dual Good Read LEDs on top and on the back of the cap for increased visibility in any condition, at any angle.			
	Available in black or white	Available in black or white			Available in black or white	Available in black or white					Also available in dark gray			Also available in black			
Model	65/90 Lite - 65/90 Pro	QD2300	QD2100	D1X0	QM2100	GD4300	GD4100	GBT4100	GM4100	D432 Plus	7000 2D	PD7100	PBT7100	PD8300	PM8300	PD8500	PM8500
Technology	CCD	Laser	Linear Imager	Linear Imager	Linear Imager	Laser	Linear Imager	Linear Imager	Linear Imager	Area Imager	Area Imager	Linear Imager	Linear Imager	Laser	Laser	Area Imager	Area Imager
Mobility / Range* (see chart at left)	Corded	Corded	Corded	Corded	STAR / Short	Corded	Corded	Bluetooth® / Medium	STAR / Medium	Corded	Corded	Corded	Bluetooth® / Long	Corded	STAR / Medium	Corded	STAR / Medium
Distinctive Features	<ul style="list-style-type: none"> Cost-effective contact readers. Two width options for specific code reading. Triggered and triggerless operation. Pro models are multi-interface. 	<ul style="list-style-type: none"> Affordable. Replaceable window. Ergonomic - lightweight with small form factor. Wider than usual scan angle for reading wider codes at short distances. 	<ul style="list-style-type: none"> Affordable. Replaceable window. Ergonomic - lightweight with small form factor. Excellent reading on hard to read codes. Extended depth of field. 	<ul style="list-style-type: none"> Handheld and hands-free operation. Stand Mode automatically switches to hands-free reading. Accurate and high first-pass read rates. Complete data formatting and editing. 	<ul style="list-style-type: none"> Most affordable cordless solution. Point-to-point communications. Scan-While Charging. Batch Mode. Excellent reading on hard to read codes. 	<ul style="list-style-type: none"> Superior depth of field. Wide scan angle. Aggressive reading and label decoding. 	<ul style="list-style-type: none"> Superior depth of field. Wide scan angle. Excellent reading performance and label decoding. High resolution code reading capability. EAS option. 	<ul style="list-style-type: none"> All the same features as Model GD4100. Point-to-Point, Point to Multi Point and network communications. Optional display with 3-key keypad. 2-Position cradle with Scan-While-Charging. Batch Mode. Anti-counterfeit base station option. 	<ul style="list-style-type: none"> All the same features as Model GD4100. Point-to-Point, Point to Multi Point and network communications. Optional display with 3-key keypad. 2-Position cradle with Scan-While-Charging. Batch Mode. Anti-counterfeit base station option. 	<ul style="list-style-type: none"> Advanced motion tolerance optics. Fast decoding for high-speed reading requirements. Image capture. Datalogic's instinctive 5-dot aimer. Decodes 1D, 2D and postal codes. ESD model available. 	<ul style="list-style-type: none"> Standard Range and High Density optics. VGA resolution plus image capture for multiple uses including signature capture. Decodes 1D, 2D, postal codes and OCR fonts. 	<ul style="list-style-type: none"> Excellent reading performance for high speed applications. Wide scan angle and superior depth of field in the same model. Optional aiming system. 	<ul style="list-style-type: none"> All the same features as Model PD 7100. Point-to-Point and Point-to-Multi Point communications. 	<ul style="list-style-type: none"> Choice of Standard or Auto Range optics. Dual-position trigger for code aiming. Wide temperature range - Perfect for operation in refrigerators. Undecoded Laser Output model. 3GL good read feedback. 	<ul style="list-style-type: none"> All same features as Model PD8300. Optional display with 3 or 16-Key keypads. Point-to-Point, Point-to-Multi Point and network communications. Up to 255 devices. Two-way communications. 3GL good read feedback. 	<ul style="list-style-type: none"> Optics available in Standard Range, High Density and Wide Angle. High resolution Mega-Pixel sensor for multiple uses, including image and signature capture. Datalogic's instinctive 5-dot aimer. Decodes 1D, 2D and postal codes. 3GL good read feedback. 	<ul style="list-style-type: none"> All the same features as Model PD8500. Optional display with 3-key keypad. Point-to-Point, Point-to-Multi Point and network communications. Up to 255 devices. Two-way communications. 3GL good read feedback.
Reading Range** (see chart at left)	Contact	Instinctive	Instinctive	Instinctive	Instinctive	Distance	Distance	Distance	Distance	Instinctive	Instinctive	Long Range	Long Range	Distance / Auto Range	Distance / Auto Range	Instinctive	Instinctive
1D / Linear Codes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PDF417										<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2D Codes										<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Datalogic Green Spot			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Remote Host Download			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Environmental Protection	IP30	IP42	IP42	IP30	IP30	IP52	IP52	IP52	IP52	IP50	IP65	IP65	IP65	IP65	IP64/IP65	IP65	IP64/IP65
Factory Warranty	5 Years	3 Years	5 Years	5 Years	3 Years	5 Years	5 Years	3 Years	3 Years	5 Years	5 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years
Point of Sale (POS)	Light Duty	Light Duty	Light Duty	Light Duty	Light Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty							
Signature / Image Capture																	
Document Handling	Light Duty	Light Duty	Light Duty	Light Duty	Light Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Heavy Duty	Heavy Duty	Heavy Duty			Heavy Duty	Heavy Duty
Ticketing / Access Control		Indoor	Indoor	Indoor				Indoor	Indoor				Indoor / Outdoor			Indoor / Outdoor	Indoor / Outdoor
Shipping and Receiving						Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty
Asset Tracking / Inventory Management					Light Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty
Warehouse Management											Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty
SPECIALIZED MARKET APPLICATIONS	PreScan™ Queue-Busting Software Ready														<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
	ID/Age Verification (US)									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Merchandise Returns		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
	Front Office	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	Courier Services / Sorting		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Patient Administration / Document Handling	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
	Point of Care / Bedside Bar Coding		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
Laboratory Services / Tracking		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
Shop Floor / Work in Progress (WIP)						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Order Picking / Fulfillment						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Forklift Operations						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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