

DATALOGIC SCANNING

POCKET GUIDE



May 2009

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.

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.

* 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

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 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).

All Datalogic Scanning products support GS1 DataBar™ linear codes.



		GENERAL PURPOSE HANDHELD READERS										INDUSTRIAL HANDHELD READERS					
		Touch™	QuickScan® Desk		QuickScan® Mobile	QuickScan® QS6000 / QS6500			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.		The perfect entry level cordless solution for simple point-to-point communications.	The QS6000 / QS6500 readers are the highest performing members of the QuickScan family offering excellent performance and durability at an affordable price.			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 'Green Spot' 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.		
			Also available in black		Also available in black	Also available in black			Also available in black			Also available in black			Also available in black		
Model	65/90 Lite - 65/90 Pro	QD2100	QD2300	QM2100	QS6000 Plus	QS6500	QS6500BT	GD4100	GM4100	D432 / D432E 2D Plus	7000 2D	PD7100	PBT7100	PD8300	PM8300	PD8500	
Technology	Linear Imager	Linear Imager	Laser	Linear Imager	Laser	Linear Imager	Linear Imager	Linear Imager	Linear Imager	Area Imager	Area Imager	Linear Imager	Linear Imager	Laser	Laser	Area Imager	
Mobility	Corded	Corded	Corded	STAR™	Corded	Corded	Bluetooth®	Corded	Corded	Corded	Corded	Corded	Bluetooth®	Corded	STAR™	Corded	
Distinctive Features	<ul style="list-style-type: none"> Cost-effective contact readers. Two widths for wider code reading. Triggered and triggerless operation. Pro models are multi-interface. 	<ul style="list-style-type: none"> Economical imager/laser. Excellent reading capabilities, even on hard-to-read or damaged bar codes. Replaceable Scan Window. Laser model features a wider than usual scan angle to read longer bar codes from a shorter distance. 	<ul style="list-style-type: none"> Point-to-point communications. Scan-While Charging. Batch Mode. 	<ul style="list-style-type: none"> Excellent depth of field. Universal Wedge for additional keyboard emulation, symbology support and data editing. Available for Non-RoHS required regions. 	<ul style="list-style-type: none"> Aggressive reading performance. Excellent depth of field. PDF/Stacked label decoding. 	<ul style="list-style-type: none"> Aggressive reading performance. Bluetooth Wireless Technology - up to 10m/33ft range. Excellent depth of field. PDF/Stacked label decoding. 	<ul style="list-style-type: none"> Superior depth of field. Wide scan angle. Low resolution. Excellent fast label decoding. 	<ul style="list-style-type: none"> Optional display with 3-key keypad. Point-to-Point and Multi-Point communications. Datalogic's 2-position cradle with Scan-While-Charging. Batch mode. 	<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. 	<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"> Fast reading - suitable for "high speed" applications. Wide Angle code reading and superior depth of field in the same model. Optional aiming system. 	<ul style="list-style-type: none"> Fast reading - suitable for "high speed" applications. Bluetooth Wireless Technology - up to 100m/328ft range. Wide Angle code reading and superior depth of field in the same model. Optional aiming system. 	<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"> Choice of Standard of Auto Range optics. Optional display with 3 or 16-Key keypads. Point-to-Point and Multi-Point communications. 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 5-dot aimer. 3GL good read feedback. 		
Reading Range* (see chart at left)	Contact	Instinctive	Instinctive	Instinctive	Distance	Distance	Distance	Distance	Distance	Instinctive	Instinctive	Long Range	Long Range	Distance / Auto Range	Distance / Auto Range	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"/>	
PDF417							PDF Models	<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"/>	
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"/>	
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"/>	
Environmental Protection	IP30	IP42	IP42	IP30	IP53	IP52	IP52	IP52	IP42	IP 50	IP65	IP65	IP65	IP65	IP64/IP65	IP65	
Factory Warranty	5 Years	5 Years	3 Years	3 Years	5 Years	5 Years	3 Years	5 Years	3 Years	5 Years	5 Years	3 Years	3 Years	3 Years	3 Years	3 Years	
Point of Sale (POS)	Light Duty	Light Duty	Light Duty	Light Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty		Heavy Duty	Heavy Duty		Heavy Duty		
Signature / Image Capture										Light / Medium Duty	Heavy Duty					Heavy Duty	
Document Handling	Light Duty	Light Duty	Light Duty	Light Duty		Light / Medium Duty		Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Heavy Duty	Heavy Duty	Heavy Duty			Heavy Duty	
Ticketing / Access Control						Indoor	Indoor		Indoor				Indoor / Outdoor		Indoor / Outdoor		
Shipping and Receiving					Light / Medium 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	
Asset Tracking / Inventory Management				Light Duty	Light / Medium 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	
Warehouse Management											Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	
SPECIALIZED MARKET APPLICATIONS	RETAIL	Queue Busting													<input checked="" type="checkbox"/>		
	ID/Age Verification (US)							<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					<input checked="" type="checkbox"/>	
	Merchandise Returns		<input type="checkbox"/>		<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input type="checkbox"/>		
	Front Office	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>			
	Courier Services / Sorting					<input type="checkbox"/>					<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
	Patient Administration / Document Handling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
	Point of Care / Bedside Bar Coding				<input checked="" type="checkbox"/>			<input type="checkbox"/>		<input checked="" type="checkbox"/>				<input type="checkbox"/>			
MANUFACTURE	Laboratory Services / Tracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>			
Shop Floor / Work in Progress (WIP)					<input type="checkbox"/>			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Order Picking / Fulfillment						<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Forklift Operations							<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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

ON-COUNTER PRESENTATION READERS					
Heron™	Diamond™	Magellan®			
		Magellan 1X00		Single Plane	
An entry level presentation reader, the Heron is packed with features to delight any user and is perfect for large or small retail POS or office applications.	The Diamond omnidirectional presentation laser scanner is an excellent value for those seeking good performance in an economical design.	The Magellan 1000i / 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.		The Magellan 2200VS scanner is specifically designed for retailers that require high performance in a compact, vertical form factor.	
		Also available in white			
Model	D1X0	D531	1000i	1400i	2200VS
Technology	Linear Imager	Omnidirectional Laser	Omnidirectional Imager	Omnidirectional Imager	Omnidirectional Laser
Distinctive Features	<ul style="list-style-type: none"> Handheld and hands-free operation. Accurate and high first-pass read rates. Complete data formatting and editing. 	<ul style="list-style-type: none"> Handheld and hands-free operation. Accurate first-pass read rates with enhanced label reconstruction for damaged or poorly printed codes. Advanced data formatting and editing. Rubber housing protects shock resistance and comfortable handheld use. 	<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 laser 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 delivers the best performance in reading poor quality labels. Powered auxiliary RS-232 port for easy integration of a handheld scanner. Checkpoint Systems and Sensormatic EAS compatible.
Omnidirectional Reading		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Handheld Scanning	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Presentation Scanning	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sweep Scanning		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1D / Linear Codes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PDF417			Optional	<input checked="" type="checkbox"/>	
2D Codes			Optional	<input checked="" type="checkbox"/>	
Datalogic Green Spot™	<input checked="" type="checkbox"/>				
Factory Warranty	5 Years	2 Years	2 Years	2 Years	3 Years
Point of Sale (POS)	Light Duty	Light Duty	Light Duty	Light Duty	Medium / Heavy Duty
Signature / Image Capture			Light Duty (optional)	Light Duty	
Document Handling	Light Duty	Light Duty	Light Duty	Light Duty	
Ticketing / Access Control	Indoor	Indoor	Indoor		
Shipping and Receiving					
Asset Tracking / Inventory Management					
Warehouse Management					
Queue Busting					<input checked="" type="checkbox"/>
ID / Age Verification (US)			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Merchandise Returns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Courier Services / Sorting		<input type="checkbox"/>			
Patient Administration / Doc. Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Point of Care / Bedside Bar Coding		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Laboratory Services / Tracking			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Shop Floor / Work in Progress (WIP)					
Order Picking / Fulfillment					
Forklift Operations					

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

IN-COUNTER SCANNERS AND SCANNER/SCALES				
	Magellan®			
	Single Plane	Bi-Optic		
The Magellan 2300HS scanner is specifically designed for retailers that require high performance in a compact, horizontal form factor.		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	8300	8400	8500Xt
Scan Lines	18	52	52	64
Sides Read		5	5	6-sided SurroundScan™
Scan Zone		360°	360°	360° x 2
Read Rate (Maximum)		3,900 Scans/Second	5,200 Scans/Second	6,400 Scans/Second
Scan Window Glass Options	<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-Weighs 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	7 Watts	7 Watts	9 Watts
Auxiliary Powered RS-232 Port	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
EAS Checkpoint Option	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
EAS Sensormatic Option		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
VALUE ADDED FEATURES				
Host Download	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Diagnostic Reporting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Productivity Index Reporting™	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cashier Training™			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



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



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