DATALOGIC

INDUSTRIAL HANDHELD READERS

	POWERSCAN™ 7000 / 7100			POWERSCAN™ 8000 / 9000					POWERSCAN DPM	
	7000 2D	PD7100	PBT7100	PD8300	PBT8300	PM8300	PM8500	PD9500	PD8590-DPM	PD9530-DPM
		Also Available in Black	*Also Available in Black*							

* MOBILITY / RANGE

SHORT RANGE	MEDIUM RANGE	LONG RANGE
Up to 12 m/40 ft	Up to 30 m/ 98.4 ft	Up to 100 m/328 ft

** READING RANGE

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

☑ = Recommended Products ⊙ = Alternative Products

The PowerScan 7000 / 7100 product series are Datalogic'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 3GL™ (Three Green Lights) technology 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. Includes a loud beeper for additional good-read feedback.

The PowerScan DPM readers are rugged handheld area imagers specifically addressed and capable of reading codes marked with DPM (Direct Part Marking).

PRODUCT HIGHLIGHTS	7000 2D	PD7100	PBT7100	PD8300	PBT8300	PM8300	PM8500	PD9500	PD8590-DPM	PD9530-DPM
Technology	Area Imager	Linear Imager	Linear Imager	Laser	Laser	Laser	Area Imager	Area Imager	Area Imager	Area Imager
Mobility / Range* (see chart at top)	Corded	Corded	*Bluetooth / Long	Corded	*Bluetooth / Long	*STAR / Medium	*STAR / Medium	Corded	Corded	Corded
Distinctive Features	• 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	• Excellent reading performance for high speed applications • Wide scan angle and superior depth of field in the same model • Optional aiming system	• All the same features as PD7100 • Point-to-point and point-to-multi-point communications	• 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	• All the same features as PD8300 • Optional display with 3 or 16-Key keypads • Bluetooth 2.0 compliant • Point-to-point and multi-point transmission • Piconet with up to 4 devices	• All the same features as 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	• Optional display with 3-Key keypad • Point-to-point, point-to-multi-point and network communications • Up to 255 devices • Two-way communications	• Fixed focus and autofocus models • Snappy omnidirectional reading from contact to over 1.0 m / 3.3 ft • Datalogic's new intuitive 'frame' aiming system with Datalogic's Motionix™ motion-sensing technology • 'Soft white light' illumination	• Multi-Axis Illumination technology • Aggressive decoding of codes marked with DPM • Industrial and rugged design • Vibrating motor for noisy industrial environments • USB and RS-232 interface options	• Supports any kind of DPM • Highly visible 4-dot aimer with center cross for targeted scanning • 'Soft white light' illumination • Datalogic's 3GL™ technology and loud beeper for good-read feedback
Reading Range ** (see chart at top)	Instinctive	Long Range	Long Range	Distance / Auto Range	Distance / Auto Range	Distance / Auto Range	Instinctive	Instinctive / Distance	Contact	Contact / Instinctive
1D / Linear Codes	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
2D Codes	☑						☑	☑	☑	☑
Datalogic 'Green Spot' Technology		☑	☑	☑	☑	☑	☑	☑		☑
Remote Host Download		☑	☑					☑		☑
Environmental Protection	IP65	IP65	IP65	IP65	IP64 / IP65	IP64 / IP65	IP64 / IP65	IP65		IP65
Factory Warranty	5 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	2 Years	3 Years

CROSS MARKET APPLICATIONS	7000 2D	PD7100	PBT7100	PD8300	PBT8300	PM8300	PM8500	PD9500	PD8590-DPM	PD9530-DPM
Point-of-Sale (POS)		Heavy Duty	Heavy Duty		Heavy Duty	Heavy Duty				
Signature / Image Capture	Heavy Duty						Heavy Duty	Heavy Duty		Heavy Duty
Document Handling	Heavy Duty	Heavy Duty	Heavy Duty		Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty		
Ticketing / Access Control			Indoor / Outdoor		Indoor / Outdoor	Indoor / Outdoor				
Shipping and Receiving	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty	Heavy Duty		
Asset Tracking	Heavy Duty	Heavy Duty	Heavy 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	Heavy Duty		

SPECIALIZED MARKET APPLICATIONS		7000 2D	PD7100	PBT7100	PD8300	PBT8300	PM8300	PM8500	PD9500	PD8590-DPM	PD9530-DPM
RETAIL	ID / Age Verification (US)	⊙						☑	☑		
	Merchandise Returns			☑		⊙	⊙				
POSTAL	Front Office		⊙								
	Courier Services / Sorting	⊙	☑	☑	☑	☑	☑	☑	⊙		
HEALTHCARE	Patient Administration										
	Point of Care / Bedside Bar Coding			⊙							
	Laboratory Services / Tracking	⊙									
MANUFACT	Shop Floor / Work in Progress	⊙	⊙	⊙	☑	☑	☑	☑	☑	☑	☑
	Order Picking / Fulfillment			⊙	⊙	☑	☑	☑	⊙		
	Forklift Operations		☑	⊙	☑	☑	☑				

GS1 All Datalogic ADC products support GS1 DataBar™ linear codes.

> General Purpose & Industrial Handheld Readers

DATALOGIC

POCKET GUIDE

DATALOGIC

CONTINUING A LEGACY OF EXCELLENCE

Fast-paced and dynamic, the Automatic Identification and Data Collection industry requires commitment, innovation and adaptability to constant change. Only state-of-the-art solutions can satisfy the ever-demanding expectations of customers. Datalogic always goes one step beyond. Dedication to exceeding the customers' expectations has led to the development of the widest range of high performance products and solutions in the industry. This, combined with excellent service, has made Datalogic a world leader for automatic data capture needs.

* MOBILITY / RANGE

SHORT RANGE	MEDIUM RANGE	LONG RANGE
Up to 12 m/40 ft	Up to 30 m / 98.4 ft	Up to 100 m/328 ft

** READING RANGE

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

☑ = Recommended Products ⊙ = Alternative Products

GENERAL PURPOSE HANDHELD READERS

	TOUCH™	QUICKSCAN™					HERON™	GRYPHON™ 4100			GRYPHON™ 4300	GRYPHON™ 4400			
	TD1100	QW2100	QD2100	QM2100	QD2300	QD2400 2D	D1X0	GD4100	GBT4100	GM4100	GD4300	GD4400 2D	GD4400-B 2D	GBT4400 2D	GM4400 2D
Technology	Linear Imager	Linear Imager	Linear Imager	Linear Imager	Laser	Area Imager	Linear Imager	Linear Imager	Linear Imager	Linear Imager	Laser	Area Imager	Area Imager	Area Imager	Area Imager
Mobility / Range* (see chart at top)	Corded	Corded	Corded	*STAR / Short	Corded	Corded	Corded	Corded	*Bluetooth / Medium	*STAR / Medium	Corded	Corded	Corded	*Bluetooth / Medium	*STAR / Medium
Reading Range ** (see chart at top)	Contact / Instinctive	Instinctive	Instinctive	Instinctive	Instinctive	Instinctive	Instinctive	Distance	Distance	Distance	Distance	Distance	Distance	Distance	Distance
1D / Linear Codes	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
2D Codes						☑						☑	☑	☑	☑
Datalogic 'Green Spot' Technology		☑	☑			☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Remote Host Download			☑			☑		☑	☑	☑	☑	☑	☑	☑	☑
Environmental Protection	IP30	IP42	IP42	IP30	IP42	IP42	IP30	IP52	IP52	IP52	IP52	IP52	IP52	IP52	IP52
Factory Warranty	5 Years	3 Years	5 Years	3 Years	3 Years	5 Years	5 Years	5 Years	3 Years	3 Years	5 Years	5 Years	5 Years	3 Years	3 Years
CROSS MARKET APPLICATIONS															
Point-of-Sale (POS)	Light Duty	Light Duty	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	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty
Signature / Image Capture												Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty
Document Handling	Light Duty	Light Duty	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	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty
Ticketing / Access Control		Indoor	Indoor		Indoor	Indoor	Indoor			Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Shipping and Receiving		Light Duty				Light Duty		Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty
Asset Tracking				Light Duty				Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty	Light / Medium Duty
SPECIALIZED MARKET APPLICATIONS															
RETAIL — ID / Age Verification (US)						☑						☑	☑	☑	☑
RETAIL — Merchandise Returns		⊙	☑	⊙			⊙	⊙				☑	☑	☑	☑
POSTAL — Front Office	⊙	☑	☑		☑	☑	☑				☑				
POSTAL — Courier Services / Sorting															
HEALTHCARE — Patient Administration	⊙	☑	☑	⊙	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
HEALTHCARE — Point of Care / Bedside Bar Coding				☑				☑	☑			☑	☑	☑	☑
HEALTHCARE — Laboratory Services / Tracking	⊙				☑	⊙		☑				☑	☑	☑	☑
MANUFACT — Shop Floor / Work in Progress (WIP)								⊙	☑	☑	⊙	☑	☑	⊙	⊙
MANUFACT — Order Picking / Fulfillment									☑	☑		☑	☑	☑	☑
MANUFACT — Forklift Operations							⊙				⊙				

Product Descriptions

TD1100 — An excellent value for those seeking a cost-effective solution. *Also Available in White*

QW2100 — Entry level scanner with snappy performance and the widest scan angle/longest scan line for selected market applications.

QuickScan series (QD2100 / QM2100 / QD2300 / QD2400 2D) — The QuickScan series of economical readers are designed for use in retail and office environments and offer snappy reading performance. The QD2300 laser model is the perfect solution for customers who prefer laser scanning technology. The QD2400 is capable of reading 1D and 2D bar codes and is the perfect solution to upgrade existing laser scanners to image-based technology.

D1X0 — Entry level readers packed with features that are perfect for large to small retail or POS applications.

Gryphon 4100 series — The Gryphon 4100 series of linear imagers offer fast reading and decoding speed on 1D/linear bar codes. The extreme versatility of the Datalogic Gryphon combines many top performing and distinctive features together in a perfect balance, from reading capabilities to durability and ergonomics. *Available in Black, White or Disinfectant-Ready Enclosures*

GD4300 — Premium features include longer reading distances, snappy reading and a bright, well-defined scan line.

Gryphon 4400 series — The Gryphon 4400 series of area imagers support virtually any 1D and 2D codes. Deep red illumination, without the flicker effect, features a center-cross aimer with four corner dots defining the reading area. Datalogic's Motionix™ motion sensing technology automatically switches between handheld and stand mode.

Distinctive Features

TD1100
- Cost-effective contact readers
- Two width options for specific code reading
- Compact and innovative 'read-thru' holder for hands-free reading
- Pro models are multi-interface

QW2100
- Wide scan angle / scan line
- Over mold protection
- Good-read Green Spot
- Collapsible stand

QD2100
- Affordable
- Replaceable window
- Ergonomic - lightweight with small form factor
- Excellent reading on hard-to-read codes
- Extended depth-of-field

QM2100
- Most affordable cordless solution
- Point-to-point communications
- Scan-While-Charging
- Batch Mode
- Excellent reading on hard-to-read codes

QD2300
- Affordable
- Replaceable window
- Ergonomic - lightweight with small form factor
- Wider than usual scan angle for reading wider codes at short distances

QD2400 2D
- Affordable 2D reader
- Outstanding snappiness
- Omnidirectional reading
- Reduced visual stress with LED-based aiming system
- Advanced motion tolerance optics

D1X0
- 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

GD4100
- Superior depth-of-field
- Wide scan angle
- Excellent reading performance and label decoding
- High resolution code reading capability
- EAS option

GBT4100
- All the same features as Model GD4100
- Point-to-point and point-to-multi-point communication
- 2-Position cradle with Scan-While-Charging
- Batch Mode

GM4100
- All the same features as Model GD4100
- Point-to-point and point-to-multi-point communication
- Optional display with 3-Key keypad
- 2-Position cradle with Scan-While-Charging
- Batch Mode
- Anti-counterfeit option

GD4300
- Superior depth of field
- Wide scan angle
- Aggressive reading and label decoding

GD4400 2D
- Omnidirectional reading
- High motion tolerance
- User friendly illumination
- Highly visible 4-dot aimer
- Image / document capture
- Decodes 1D, 2D, Postal, stacked, composite codes
- Multi-interface options
- Standard Range/High Density option

GD4400-B 2D
- All the same features as GD4400
- All-in-One integrated tilting base
- Handheld and presentation operation
- Automatic switching between handheld and presentation mode
- Raised cable port

GBT4400 2D
- All the same features as GD4400
- 2-Position cradle with Scan-While-Charging
- Batch Mode capability
- User replaceable Lithium-Ion battery
- Point-to-point and point-to-multi-point communication
- High Density model available

GM4400 2D
- All the same features as GD4400
- 2-Position cradle with Scan-While-Charging
- Batch Mode capability
- User replaceable Lithium-Ion battery
- Point-to-point and point-to-multi-point communication
- Anti-counterfeit option (433 MHz only)

GBT4100, GM4100, GD4400 2D, GBT4400 2D, GM4400 2D — Available in Black, White or Disinfectant-Ready Enclosures
GD4400-B 2D — Also Available in White