HAND HELD SCANNERS

Product Guide

◇DATALOGIC

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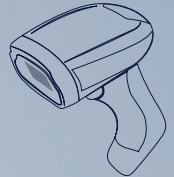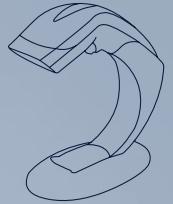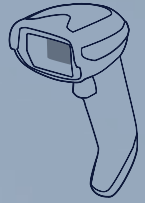
HAND HELD SCANNERS

Datalogic's Hand Held Scanner product line offers products and solutions for automatic data capture and factory automation throughout the customer's entire value chain in the Retail, Manufacturing, Transportation & Logistics and Healthcare industries. The wide range of general purpose hand held readers offer a variety of choices for most data collection activities. Product sets propose corded and cordless options together with best in class reading technologies, ready to solve current and future needs and applications. Datalogic's PowerScan industrial hand held readers are data collection's definitive example of ruggedness and durability, coupled with outstanding performance and unyielding reliability.

Technologies

- **Linear and area imaging technology for 1D and 2D bar codes**
- **Megapixel performance and distinctive white-illumination technology**
- **Bluetooth® and Datalogic's STAR Cordless System™ radio connectivity**
- **Datalogic's exclusive 3GL™ (3 Green Lights) and 'Green Spot' technology**
- **Great ergonomics and cutting edge design**
- **Rugged enclosures; Durable and reliable**
- **Healthcare models with Disinfectant-Ready enclosures and anti-microbial additives**
- **Wireless battery charging system**
- **Adjustable position cradle with scan-while-charging capability**
- **Smart battery management**

HEALTHCARE

MANUFACTURING

INDUSTRY APPLICATION

RETAIL

- Point of Sale Checkout
- Shelf Replenishment
- Price Checking
- Store Inventory
- Goods Receiving
- Postal, Bank, Utilities,
- Public Administration
- Access Control, Entertainment

MANUFACTURING

- Manufacturing Shop Floor
- Component Traceability
- Work-in-Progress
- Sub-Assembly
- Quality Control
- Time and Cost Analysis
- Control Machines Set-up
- In-line Inventory Control

T&L

- Shipping / Receiving
- Parcel Preparation
- Picking / Put Away
- Automatic Sorting Back-Up
- End of Line Sorting

HEALTHCARE

- Bedside Care
- Admittance
- Clinical Lab
- Surgical tool tracking
- Blood bank
- Pharmacies

RETAIL

T&L

GENERAL PURPOSE HAND HELD READERS

CORDLESS FEATURES	
CONTACT	0 to 5 cm / 0 to 2 in
INSTINCTIVE	0 to 30 cm / 0 to 12 in
DISTANCE	0 to 100 cm / 0 to 39 in
LONG RANGE	0 to 250 cm / 0 to 98 in
AUTO RANGE	Up to 10 m / 3 ft

	TD1100 FAMILY	HERON™ FAMILY	
	TD11XX	**HD31XX**	**HD34XX**
	The TD1100 series of linear imagers are a cost-effective solution for users who require close contact bar code reading. Used in Retail, Services, Banking, etc.	The Heron HD3100 is a linear imager bringing high style and modern technology to the point-of-sale. Available in a 'carbon-fiber' or 'silver' design.	The Heron HD3430 2D area imager brings elegance with advanced 2D reading technology to the modern point-of-sale. Available in a 'carbon-fiber' or 'silver' design.
APPLICATIONS			
Retail	X	X	X
Manufacturing			
Transportation & Logistics	X		
Healthcare			
FEATURES			
Reading Technology	Linear Imager	Linear Imager	Area Imager
Reading Range	Contact/Instinctive	Instinctive	Instinctive
Aiming System	Scan Line	Scan Line	4-Dot / Center Cross Aimer
Wide Scan Angle		X	
Host Interface	RS-232 / USB / Keyboard Wedge / Wand Emulation	RS-232 / USB / Keyboard Wedge	RS-232 / USB / Keyboard Wedge
DATA CAPTURE			
Bar Codes	1D	1D	1D and 2D
Direct Part Marked (DPM) Codes			
Digital Watermarks			
Image Capture			X
Reads from Smartphone or screen displays	X	X	X
Datalogic's 'Green Spot' Technology		X	X
RUGGEDNESS / DURABILITY			
IP Rating (Particulate and Liquid Sealing)	IP30	IP40	IP40
Drop to Concrete	1.5 m / 5.0 ft	1.5 m / 5.0 ft	1.5 m / 5.0 ft
Factory Warranty	5 Years	5 Years	5 Years
CORDLESS FEATURES			
Wireless Technology (STAR / Bluetooth)			
Wireless Range – Travel Distance from Base			
Display / Keypad for 2-Way Communication			
Batch Mode Capability			
Battery Type			
Battery Life – Scans Between Charge			
Scan While Charging			

GENERAL PURPOSE HAND HELD READERS

	QUICKSCAN™ FAMILY				RIDA™ FAMILY
	QW21XX	2131	QW24XX	2430	RIDA
	The QuickScan Lite QW2100 linear imager is an entry level reader specifically for reading long and truncated bar codes which is common in some areas of the world.	The QuickScan 2131 series is a linear imager featuring an extra-wide field of view for reading long bar codes. Available in Desk, Bluetooth® and Mobile (STAR radio) versions.	The QuickScan Lite QW2400 2D corded area imager is designed for reading long and truncated 1D codes and larger 2D codes from close range. It has an extra-wide field of view which allows the capture of these bar codes.	The QuickScan 2430 series are 2D area imagers with a new illumination and aiming system. Available in Desk, Bluetooth® and Mobile (STAR radio) versions.	The DBT6400 is a cordless area imager with Bluetooth® technology in a pocket-sized form factor. Available in a Standard or Healthcare model.
	X	X	X	X	X
	X	X	X		
	X		X	X	
					X
	Linear Imager	Linear Imager	Area Imager	Area Imager	Area Imager
	Instinctive	Instinctive	Instinctive	Instinctive	Instinctive
	Scan Line	Scan Line	Blue Aiming Dot	Two Blue Triangles	4-Dot Aimer
	X	X	X		
	RS-232 / USB / Keyboard Wedge	RS-232 / USB / Keyboard Wedge / OEM (IBM) USB	RS-232 / USB / Keyboard Wedge	RS-232 / USB / Keyboard Wedge / OEM (IBM) USB	USB (with BC6020 only)
	1D	1D	1D and 2D	1D and 2D	1D and 2D
					X
	X	X	X	X	X
	X	X	X	X	X
	IP42	IP42	IP42	IP42	IP52
	1.5 m / 5.0 ft	1.5 m / 5.0 ft	1.5 m / 5.0 ft	1.5 m / 5.0 ft	1.5 m / 5.0 ft
	3 Years	QD2131: 5 Years QBT2131: 3 Years QM2131: 3 Years	3 Years	QD2430: 5 Years QBT2430: 3 Years QM2430: 3 Years	3 Years
		Bluetooth® 3.0 Class 2 STAR 2.0: 433 MHz		Bluetooth® 3.0 Class 2 STAR 2.0: 433 MHz	Bluetooth® 4.0
		25.0 m / 82.0 ft		25.0 m / 82.0 ft	25.0 m / 82.0 ft
		500 + Linear Codes		500 + Linear Codes	X
		Li-Ion 1400 mAh		Li-Ion 1400 mAh	Li-Ion 700 mAh
		30,000 +		30,000 +	
		QBT2131, QM2131		QBT2430, QM2430	

GENERAL PURPOSE HAND HELD READERS

GRYPHON™ FAMILY		
41XX	**42XX**	**45XX**
The Gryphon 41XX linear imagers provide advanced reading and performance. Available in Desk, Bluetooth®, Mobile (STAR radio) and Healthcare versions.	The Gryphon 42XX linear imagers provide the best-in-class reading performance on 1D bar codes coupled with disinfectant ready enclosures and a unique wireless battery charging system. Available in Desk, Bluetooth and Mobile (STAR radio) versions.	The Gryphon 45XX 2D area imagers provide a new cutting edge design, megapixel optics and a unique wireless battery charging system. Available in Desk, Bluetooth®, Mobile (STAR radio) and Healthcare versions.
X	X	X
X	X	X
X	X	X
X	X	X
Linear Imager	Linear Imager	Area Imager
Distance	Distance	Distance
Scan Line	Soft line viewfinder	4-Dot/Center Cross Aimer
X		
RS-232 / USB / Keyboard Wedge / Wand / IBM46XX available with accessory cable	USB type C / USB / RS-232 / Keyboard Wedge / IBM46XX available with accessory cable	RS-232 / USB / Keyboard Wedge / IBM46XX available with accessory cable
1D	1D	1D, 2D and Dotcode
		X
		X
X	X	X
X	X	X
IP52	IP52	x\IP52
1.8 m / 5.9 ft; HC Model: 1.5 m / 5.0 ft	1.8 m / 5.9 ft	1.8 m / 5.9 ft
GD4100: 5 Years GBT4100, GM4100: 3 Years	GD4200: 5 Years GBT4200, GM4200: 3 Years	GD4500: 5 Years; GBT4500, GM4500: 3 Years
Bluetooth® 3.0 STAR: 433 or 910 MHz	Bluetooth® 4.0 STAR: 433 or 910 MHz	Bluetooth® 4.0 STAR: 433 or 910 MHz
30.0 m / 98.4 ft	BT: Up to 100 m / 328 ft STAR: Up to 50 m / 164 ft	BT: Up to 100 m / 328 ft STAR: Up to 50 m / 164 ft
X	X	X
Li-Ion 2550 mAh	Li-Ion 2550 mAh	Li-Ion 3250 mAh
GBT: 30,000 + / GM: 50,000 +	GBT, GM: 80,000+	GBT: 80,000 + / GM: 60,000 +
GBT4100, GM4100	GBT, GM with WLC4090 base station	GBT, GM with WLC4090 base station

INDUSTRIAL HAND HELD READERS

		POWERSCAN™ FAMILY		

	91XX	93XX	95XX RETAIL	95XX
	The PowerScan 91XX linear imagers introduce a new green scanning line for outstanding 1D data collection. Available in Desk, Bluetooth® and Mobile (STAR radio) versions.	The PowerScan 93XX laser readers offer state-of-the art performance in an industrial product. Available in Desk, Bluetooth® and Mobile (STAR radio) versions.	The durability of the PowerScan imagers are now available for the Retail sector. Available in Desk, Bluetooth® and Mobile (STAR radio) versions.	The PowerScan 95XX area imagers include omnidirectional reading with outstanding optical characteristics. Available in Desk, Bluetooth®, Mobile (STAR radio) and DPM versions.
	X	X	X	X
	X	X	X	X
	X	X	X	X
				X
	Linear Imager	Laser	Area Imager	Area Imager
	Distance	Distance / Auto Range	Instinctive / Distance	Instinctive / Distance Auto Range DPM Models: Contact / Instinctive
	Laser-like Line	Laser Line	4-Dot/Center Cross Aimer	Frame Aimer/Center Cross
				X
le	RS-232 / USB / Keyboard Wedge / Ethernet / Industrial Fieldbus	RS-232 / USB / Keyboard Wedge / Ethernet / Industrial Fieldbus	RS-232 / USB / Keyboard Wedge	RS-232 / USB / Keyboard Wedge / Ethernet / Industrial Fieldbus
	1D	1D	1D and 2D	1D and 2D
				DPM Model
			X	
			X	X
	X		X	X
	X	X	X	X
	IP65	IP65	IP65	IP65
	2.0 m / 6.6 ft	2.0 m / 6.6 ft	2.0 m / 6.6 ft	2.0 m / 6.6 ft
	3 Years	3 Years	3 Years	3 Years
	Bluetooth® 3.0 STAR: 433 or 910 MHz	Bluetooth® 3.0 STAR: 433 or 910 MHz	Bluetooth® 3.0 STAR: 433 or 910 MHz	Bluetooth® 3.0 STAR 2.0: 433 or 910 MHz
	BT: Up to 100 m / 328 ft 433: Up to 100 m / 328 ft 910: Up to 400 m / 1,312 ft	BT: Up to 100 m / 328 ft 433: Up to 100 m / 328 ft 910: Up to 400 m / 1,312 ft	BT: Up to 90 m / 295 ft 433: Up to 50 m / 164 ft 910: Up to 100 m / 328 f	BT: Up to 90 m / 295 ft 433: Up to 100 m / 328 ft 910: Up to 150 m / 492 ft
	PM9100	PM9300	PM9500 Retail	PM9500
	X	X	X	X
	Li-Ion 2150 mAh	Li-Ion 2150 mAh	Li-Ion 2150 mAh	Li-Ion 2150 mAh
	PBT: 50,000 + / PM: 50,000 +	PBT: 50,000 + / PM: 50,000 +	PBT: 30,000 + / PM: 30,000 +	30,000 +
			Vertical Cradle	

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