

Product Group Guide



EMPOWER YOUR VISION

HANDHELD SCANNERS

Datalogic's Handheld 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 handheld 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 handheld readers are data collection's definitive example of ruggedness and durability, coupled with outstanding performance and unyielding reliability.



RETAIL



- Point of Sale Check-out
- 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

TECHNOLOGIES

- Linear and area imaging technology for 1D and 2D barcodes
- 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



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

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

GENERAL		
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			
Barcodes	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	-	-	-
Batch Mode Capability	-	-	-
Battery Type	-	-	-
Battery Life - Scans Between Charge	-	-	-
Scan While Charging	-	-	-

PURPOSE HANDHELD READERS				
RIDA™ FAMILY	QUICKSCAN™ FAMILY			
				
RIDA	21XX	22XX	24XX	25XX
The DBT6400 is a cordless area imager with Bluetooth® technology in a pocket-sized form factor. Available in a Standard or Healthcare model.	The QuickScan 21XX 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 QD2200 imager is the 1D entry-level corded imager with a superior scanning performance in its category. It provides full control to the operator, from the linear aiming to the most prompt visual and audible good-read feedback.	The QuickScan 24XX series are 2D area imagers with a distinctive illumination and aiming system. Available in Desk, Bluetooth® and Mobile (STAR radio) versions.	The QuickScan 25XX series are 2D area imagers providing best-in-class reading performance and snappiness, high reliability and full guidance with extreme precision aiming system.
X	X	X	X	X
-	X	-	-	X
-	-	-	X	X
X	-	X	-	X
Area Imager	Linear Imager	Linear Imager	Area Imager	Area Imager
Instinctive	Instinctive	Instinctive	Instinctive	Instinctive
4-Dot Aimer	Scan Line	Scan Line	Two Blue Triangles	Two Blue-LED Triangles
-	X	X	-	-
USB (with BC6020 only)	RS-232 / USB / Keyboard Wedge / OEM (IBM) USB	USB / USB-C	RS-232 / USB / Keyboard Wedge / OEM (IBM) USB	RS232 / USB / USB-C / Keyboard Wedge
1D and 2D	1D	1D	1D and 2D	1D and 2D
-	-	-	-	-
-	-	-	-	X
X	-	-	-	X
X	X	X	X	X
X	X	X	X	X
IP52	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	5 Years	QD2430: 5 Years QBT2430: 3 Years QM2430: 3 Years	5 Years
Bluetooth® 4.0	Bluetooth® 3.0 Class 2 STAR 2.0: 433 MHz	-	Bluetooth® 3.0 Class 2 STAR 2.0: 433 MHz	Bluetooth® 5.0 Class 1 STAR 2.0: 433 MHz
25.0 m / 82.0 ft	25.0 m / 82.0 ft	-	25.0 m / 82.0 ft	BT: Up to 50.0 m / 164 ft STAR: Up to 30.0 m / 98 ft
X	500 + Linear Codes	-	500 + Linear Codes	10,000+ Linear Codes
Li-Ion 700 mAh	Li-Ion 1400 mAh	-	Li-Ion 1400 mAh	Li-Ion 3250 mAh
	30,000 +	-	30,000 +	115,000+
	QBT2131, QM2131	-	QBT2430, QM2430	QBT2500, QM2500

	GENERAL PURPOSE HANDHELD READERS		WEARABLE SCANNERS
	GRYPHON FAMILY		HANDSCANNER™
			
	42XX	45XX	HANDSCANNER™
	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, coupled with disinfectant ready enclosures, megapixel optics and a unique wireless battery charging system. Available in Desk, Bluetooth®, Mobile (STAR radio) and Healthcare versions.	The HandScanner is the lightest and smallest 2D wearable scanner in the market that allows workers to use both hands to pick faster and expand productivity while reducing repetitive useless motions and errors
APPLICATIONS			
<i>Retail</i>	X	X	X
<i>Manufacturing</i>	X	X	X
<i>Transportation & Logistics</i>	X	X	X
<i>Healthcare</i>	X	X	X
FEATURES			
<i>Reading Technology</i>	Linear Imager	Area Imager	Area Imager
<i>Reading Range</i>	Distance	Distance	Instinctive / Distance
<i>Aiming System</i>	Soft line viewfinder	4-Dot/Center Cross Aimer	Dot led or Cross laser
<i>Wide Scan Angle</i>	-	-	-
<i>Host Interface</i>	USB type C / USB / RS-232 / Keyboard Wedge / IBM46XX available with accessory cable	RS-232 / USB / Keyboard Wedge / IBM46XX available with accessory cable	Bluetooth HID, USB Serial Port
DATA CAPTURE			
<i>Barcodes</i>	1D	1D, 2D and Dotcode	1D and 2D
<i>Direct Part Marked (DPM) Codes</i>	-	-	X
<i>Digital Watermarks</i>	-	X	-
<i>Image Capture</i>	-	X	X
<i>Reads from Smartphone or screen displays</i>	X	X	X
<i>Datalogic's 'Green Spot' Technology</i>	X	X	-
RUGGEDNESS / DURABILITY			
<i>IP Rating (Particulate and Liquid Sealing)</i>	IP52	IP52	Water and dust resistant
<i>Drop to Concrete</i>	1.8 m / 5.9 ft	1.8 m / 5.9 ft	Multiple drops from 2m
<i>Factory Warranty</i>	GD4200: 5 Years GBT4200, GM4200: 3 Years	GD4500: 5 Years; GBT4500, GM4500: 3 Years	1 Year
CORDLESS FEATURES			
<i>Wireless Technology (STAR / Bluetooth)</i>	Bluetooth® 4.0 STAR: 433 or 910 MHz	Bluetooth® 4.0 STAR: 433 or 910 MHz	Bluetooth Low Energy 4.0
<i>Wireless Range - Travel Distance from Base</i>	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	Using generic host device: Up to: 40 m (131 ft) Using HandScanner Gateway: Up to: 70 m (230 ft)
<i>Display / Keypad for 2-Way Communication</i>	-	-	-
<i>Batch Mode Capability</i>	X	X	-
<i>Battery Type</i>	Li-Ion 2550 mAh	Li-Ion 3250 mAh	Li-Ion 670 mAh
<i>Battery Life - Scans Between Charge</i>	GBT, GM: 80,000+	GBT, GM: 80,000+	10.000
<i>Scan While Charging</i>	GBT, GM with WLC4090 base station	GBT, GM with WLC4090 base station	-

INDUSTRIAL HANDHELD READERS

POWERSCAN™ FAMILY			POWERSCAN™ 9600
			
91XX	95XX	95XX RETAIL	96XX
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 95XX area imagers include omnidirectional reading with outstanding optical characteristics. Available in Desk, Bluetooth®, Mobile (STAR radio) and DPM 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 96XX imagers have an ultra-rugged design, an ergonomic shape with well-balanced weight and an intuitive aiming system. Available in Desk version and Cordless version with Datalogic's STAR Cordless System™ 2.0 proprietary radio.
X	X	X	X
X	X	X	X
X	X	X	X
-	X	-	X
Linear Imager	Area Imager	Area Imager	Area Imager
Distance	Instinctive / Distance Auto Range DPM Models: Contact / Instinctive	Instinctive / Distance	Instinctive / Distance
Laser-like Line	Frame Aimer/Center Cross	4-Dot/Center Cross Aimer	Frame Aimer/Center Cross
-	X	-	X
RS-232 / USB / Keyboard Wedge / Ethernet / Industrial Fieldbus	RS-232 / USB / Keyboard Wedge / Ethernet / Industrial Fieldbus	RS-232 / USB / Keyboard Wedge	RS-232 / USB
1D	1D and 2D	1D and 2D	1D, 2D and Dotcode
-	DPM Model	-	-
-	-	X	X
-	X	X	X
X	X	X	X
X	X	X	X
IP65	IP65	IP65	IP65 and IP67
2.0 m / 6.6 ft	2.0 m / 6.6 ft	2.0 m / 6.6 ft	2.5 m / 8.2 ft
3 Years	3 Years	3 Years	3 Years
Bluetooth® 3.0 STAR: 433 or 910 MHz	Bluetooth® 3.0 STAR 2.0: 433 or 910 MHz	Bluetooth® 3.0 STAR: 433 or 910 MHz	STAR: 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 90 m / 295 ft 433: Up to 120 m / 393 ft 910: Up to 220 m / 721 ft	BT: Up to 90 m / 295 ft 433: Up to 80 m / 262 ft 910: Up to 130 m / 426 ft	433: Up to 150 m / 492 ft 910: Up to 230 m / 754 ft
PM9100	PM9500	PM9500 Retail	PM9600
X	X	X	X
Li-Ion 3350 mAh	Li-Ion 3350 mAh	Li-Ion 3350 mAh	Li-Ion 3350 mAh
PBT: 80,000 + / PM: 60,000 +	60,000 +	PBT: 60,000 + / PM: 60,000 +	PM: 80,000
-	-	Vertical Cradle	-



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