

# Datalogic Product Overview

## Handheld Scanner Retail

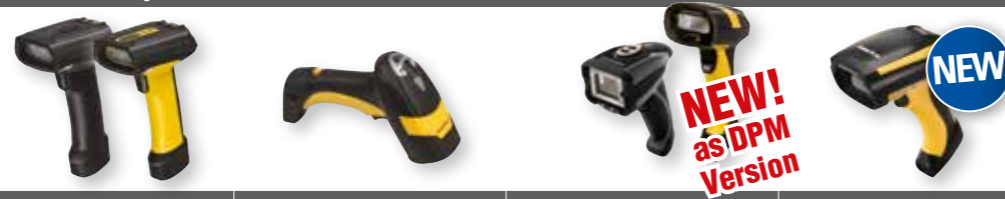


Model	QuickScan I	QuickScan L	QuickScan QD2400	QuickScan Mobile		Touch TD1100 (65 / 90)	Heron	Gryphon I 4100	Gryphon L 4300	Gryphon I 4400
<b>Description</b>	Page 37	Page 37	Page 37	Page 37		Page 41	Page 41	Page 39	Page 39	Page 40
<b>Type</b>	Linear imager	Laser	Imager	Linear imager		Linear imager	Linear imager	Linear imager	Laser	Imager
<b>Dimensions</b>	170 x 71 x 66 mm	170 x 71 x 67 mm	163 x 91 x 41 mm	171 x 90 x 68 mm		160 x 84 x 58 mm, 170 x 104 x 67 mm	153 x 152 x 68 mm	181 x 71 x 100 mm	181 x 71 x 100 mm	181 x 71 x 100 mm
<b>Weight</b>	122 g	128 g	145 g	189 g		130 g / 153 g	160 g w/o cable	169 g	169 g	195 g
<b>Case material</b>	ABS + Polycarbonate	ABS + Polycarbonate	ABS + Polycarbonate	ABS + Polycarbonate		ABS + Polycarbonate	ABS + Polycarbonate	ABS + polycarbonate	ABS + polycarbonate	ABS + polycarbonate
<b>Light Source</b>	Visible red LED	650 nm vis. red Diode	LED array 610 - 650 nm	LED Array		LED array 640 nm	Visible red LED	LED 630 - 670 nm	630 - 680 nm VLD	650 nm VLD
<b>Max. Resolution</b>	0.102 mm	0.10 mm	0.102 mm	0.10 mm		0.102 mm/ 4 mil	0.10 mm	0.076 mm / 3 mils	0.102 mm / 4 mils	0.077 mm / 3 mils
<b>Scan rate</b>	270 scans/sec.	100 scans/sec.	-	235 scans/sec.		-	256 scans/sec.	325 scans/sec.	100 scans/sec.	-
<b>Print contrast ratio</b>	min. 15%	min. 30%	min. 25%	min. 20%		min. 25%	min. 15%	min. 15 %	min. 25 %	min. 25 %
<b>Reading range</b>	max. 650 mm	max. 270 mm	max. 350 mm	max. 270 mm		max. 150 mm	max. 210 mm	max. 800 mm	max. 690 mm	max. 400 mm
<b>Decoding capability</b>	All common 1D bar codes	All common 1D bar codes	All common 1D & 2D bar codes	All common 1D bar codes		All common 1D bar codes	All common 1D bar codes	All common 1D bar codes	All common 1D bar codes	All common 1D & 2D bar codes
<b>Reading indicators</b>	LED, Spot, buzzer	LED, buzzer	Green Spot, LED, beeper	LED, Spot, buzzer		LED, beeper	LED, Spot, beeper	Green Spot, LED, beeper	Green Spot, LED, beeper	Green Spot, LED, beeper
<b>Reading mode</b>	Linear	Linear	bmp, jpeg, tiff	Linear		Linear	Linear	Linear	Linear	bmp, jpeg, tiff
<b>Graphic formats</b>										
<b>Programming (manuel)</b>		Programming bar codes						Programming bar codes		
<b>Programming (automatic)</b>	S/W commands	-	S/W commands	S/W commands		S/W commands	S/W commands	S/W commands	S/W commands	S/W commands
<b>Configuration</b>	Win configuration	-	Win configuration	Win configuration		Win configuration	Win configuration	Win configuration	Win configuration	Win configuration
<b>Interfaces</b>	USB, RS232, KBW, Wand	USB, RS232, KBW, IBM	USB, RS232, KBW, IBM	USB, RS232, KBW, Wand		USB, RS232, KBW	RS232, IBM 46XX, USB, KBW, Wand	RS232, IBM 46XX, USB, KBW, Wand	RS232, IBM 46XX, USB, KBW, Wand	RS232, IBM 46XX, USB, KBW, Wand
<b>Power Supply/Consumption</b>	5VDC ±10%, 100mA	5VDC ±10%, 100mA	5VDC ±10%, 140mA	5 VDC ± 5%, max. 4 W		5VDC±10%, 140 mA	5VDC ±5%; Max: 180 mA, operating: 155 mA, sleep mode: 120 uA, USB: 350 uA	4.75 to 5.25 VDC	4.75 to 5.25 VDC	4.2 to 5.25 VDC
<b>Operating temp.</b>	0 to 50 °C	0 to 50 °C	0 to 50 °C	0 to 40 °C		0 to 50 °C	0 to 55 °C	0 to 55 °C	0 to 55 °C	0 to 50 °C
<b>Storage temp.</b>	-40 to 70 °C	-20 to 40 °C	-40 to 70 °C	-20 to 70 °C		-40 to 70 °C	-20 to 70 °C	-20 to 70 °C	-20 to 70 °C	-20 to 70 °C
<b>Humidity</b>	95% non-condensing	95% non-condensing	95% non-condensing	90% non-condensing		95% non-condensing	90% non-condensing	0 to 90 %	5 to 90 %	5 to 90 %
<b>Drop resistance</b>	1.5 m to concrete	1.5 m to concrete	1.5 m to concrete	1.5 m to concrete		1.5 m to concrete	1.8 m to concrete	1.8 m to concrete	1.8 m to concrete	1.8 m to concrete
<b>Protection</b>	IP42	IP42	IP42	IP30		IP30	IP30	IP52	IP52	IP52
<b>Options</b>	-	-	-	Mobile version: 433 MHz or Bluetooth		-	-	Available as Bluetooth, radio and healthcare versions	-	Available as Bluetooth, radio and healthcare versions
<b>Target groups</b>	Retail, banking finance, healthcare, public sector	Retail, public sector, banking finance, healthcare	Retail, public sector, banking finance, healthcare	Retail, banking finance, public sector, healthcare		Retail, public sector, office	Retail, public sector	Retail, distribution, manufacturing, healthcare, public sector	Retail, distribution, manufacturing, finance	Retail, distribution, manufacturing, healthcare, public sector

Available as special 1D/2D Healthcare Version

# Datalogic Product Overview

## Handheld Scanner Industry



Model	PowerScan 7100	PowerScan 8300	PowerScan 8500	PowerScan 9500
<b>Description</b>	Page 47	Page 46	Page 45	Page 45
<b>Type</b>	Linear imager	Laser	Imager	Imager
<b>Dimensions</b>	203 x 76 x 114 mm	207 x 114 x 69 mm	207 x 114 x 81 mm	212 x 110 x 74 mm
<b>Weight</b>	280 g	295 g	295 g	330 g
<b>Case material</b>	ABS + polycarbonate	ABS + polycarbonate	ABS + polycarbonate	ABS + Polycarbonate
<b>Light Source</b>	LED array 630 - 670 nm	LED array 630 - 670 nm	LED array 630 - 670 nm	white LED array 630 - 680 nm
<b>Max. Resolution</b>	0.076 mm / 3 mils	0.076 mm / 3 mils	0.051 mm / 2 mils (HD)	2.5 mil - 7.5 mil
<b>Scan rate</b>	390 scans/sec.	35 scans/sec.	-	-
<b>Print contrast ratio</b>	min. 15 %	min. 15 %	min. 15 %	min. 15 %
<b>Reading range</b>	max. 3,500 mm	max. 3,400 mm	max. 365 mm	max. 1,100 mm
<b>Decoding capability</b>	All common 1D bar codes	All common 1D bar codes	All common 1D & 2D bar codes	All common 1D & 2D bar codes
<b>Reading indicators</b>	Green Spot, LED, beeper	3GL, beeper	3GL, beeper	3GL, beeper
<b>Reading mode</b>	Linear	Linear	jpeg, tiff	bmp, jpeg, tiff
<b>Graphic formats</b>				
<b>Programming (manuel)</b>	Programming bar codes	Programming bar codes	Programming bar codes	Programming bar codes
<b>Programming (automatic)</b>	S/W commands	S/W commands	S/W commands	S/W commands
<b>Configuration</b>	Windows	Windows	Windows	Win configuration
<b>Interfaces</b>	RS232, IBM 46XX, USB, KBW, Wand	RS232, USB, KBW, Wand	RS232, USB, KBW, Wand	USB, RS232, KBW, IBM
<b>Power Supply/Consumption</b>	4 to 14 VDC	5 to 30 VDC	5 to 30 VDC	5VDC±10 %, 335 mA
<b>Operating temp.</b>	-30 to 50 °C	-30 to 50 °C	-10 to 55 °C	-20 to 50 °C
<b>Storage temp.</b>	-40 to 70 °C	-30 to 50 °C	-20 to 70 °C	-40 to 70 °C
<b>Humidity (non-condensing)</b>	5 to 95 %	0 to 95 %	0 to 95 %	95 % non-condensing
<b>Drop resistance</b>	2.0 m to concrete	2.0 m to concrete	2.0 m to concrete	2 m to concrete
<b>Protection</b>	IP65	IP64 with display / IP65 without display	IP64 with Display / IP65 without Display	IP65
<b>Options</b>	With or without aiming device; available as Bluetooth version	Various optics; available as Bluetooth and radio versions and with display	Various optics; available as radio version and with display	DPM, HD, High Performance and Bluetooth
<b>Target groups</b>	Retail, distribution, manufacturing, public sector	Manufacturing, industry, distribution, public sector	Manufacturing, industry, distribution, public sector	Manufacturing, industry, distribution, public sector

## Presentation Scanner



Model	Magellan 800i	Magellan 1100i	Magellan 2200	Magellan 3200VSI
<b>Description</b>	Page 48	Page 48	Page 48	Page 49
<b>Dimensions</b>	151 x 76 x 109 mm	84 x 71 x 94 mm	150 x 150 x 90 mm	152 x 152 x 82 mm
<b>Temperature</b>	0 to 40 °C / -40 to 70 °C	0°C to 40 °C / -40 °C to 70 °C	10 °C to 40 °C / -40 °C to 70 °C	0 °C to 40 °C / -40 °C to 70 °C
<b>Sensor</b>	Imager	Imager	Laser (18 lines)	Imager
<b>Scanrotation</b>	-	-	6,000 RPM	-
<b>Reading distance</b>	max. 152 mm	max. 177 mm	max. 152 mm	max. 140 mm
<b>Readable Bar codes</b>	All common 1D bar codes, 2D optional	All common 1D bar codes, 2D optional	All common 1D codes	All common 1D bar codes, 2D optional
<b>Power Supply</b>	5 VDC (+/- 10%)	4.5 - 14.0 VDC	90-265 VAC, 47-63 Hz	90-265 VAC, 47-63 Hz,
<b>Interfaces</b>	USB, RS232	USB, KBW, RS232, IBM 46xx	RS232, IBM 46XX, IBM USB, USB, KBW	USB, KBW, RS232, IBM 46xx
<b>Options</b>	EAS	EAS	Powered RS232 Aux-Port	EAS
<b>Certifications</b>	EN55022, EN55024, EN60950-1	IEC 60825 Class 1 LED	EN 55022-B (EU); electric: EN60 950 (TÜV EU)	
<b>Laser Safety</b>	-	-	CDRH class IIa (USA/Canada), EN 60825-1 class 1 (EU), IEC 60825-1 class 1 (International)	
<b>Target groups</b>	Retail, POS, ticketing	Retail, POS	Retail, POS, discounter	

## Stationary Scanner



Model	Magellan 2300	Magellan 3300HSi	Gryphon GFS 4100	Gryphon GFS 4400
<b>Description</b>	Page 48	Page 49	Page 49	Page 49
<b>Dimensions</b>	150 x 150 x 100 mm	152 x 152 x 87 mm	39 x 58 x 57 mm	39 x 57 x 58 mm
<b>Temperature</b>	10 °C to 40 °C, -40 °C to 70 °C	0 °C to 40 °C, -40 °C to 70 °C	0 to 50 °C, -25 to 50 °C	-20 to 50 °C, -20 to 70 °C
<b>Type</b>	Laser (20 lines)	Imager	Linear imager	Imager
<b>Scanrotation</b>	6,000 RPM	-	-	-
<b>Reading distance</b>	max. 152 mm	max. 102 mm	max. 600 mm	max. 41.9 mm
<b>Readable Bar codes</b>	All common 1D codes	All common 1D bar codes, 2D optional	All common 1D bar codes	All common 1D & 2D bar codes
<b>Power Supply</b>	90-265 VAC, 47-63 Hz 4.0 Watt (operation), 9.6 Watt (maximum), 2.5 Watt (standby)	90-265 VAC, 47-63 Hz, 8.75 Watt (operation)	5 VDC (+/- 5%)	5VDC ±5%, 180mA
<b>Interfaces</b>	RS232, IBM 46XX, IBM USB, USB, KBW	USB, KBW, RS232, IBM 46xx	RS232, USB	RS232, USB
<b>Options</b>	Powered RS232 Aux-Port	EAS	-	-
<b>Certifications</b>	EN 55022-B (EU); electric: EN60 950 (TÜV EU)	EN 60825-1 Class 1 LED; IEC 60825-1 Class 1 LED Product	IEC 60825-1 Class 1	IEC 60825 Class 2
<b>Laser Safety</b>	CDRH class IIa (USA/Canada), EN 60825-1 Class 1 (EU), IEC 60825-1 Class 1 (international)	-	-	-
<b>Target groups</b>	Retail, POS, discounter	Retail, POS	Ticket reading, self service kiosks, laboratories, etc.	Ticket reading, self service kiosks, laboratories, etc.

# Datalogic Product Overview

## Mobile Data Collection



Model	Lynx	elf	Memor	Skorpio X3	Falcon X3
<b>Description</b>	Page 52	Page 53	Page 51	Page 54	Page 56
<b>Dimensions</b>	144 x 68 x 27 mm	157 x 81 x 42 mm	152 x 55 x 40 mm	193 x 76 x 42 mm	225 x 88 x 55 mm
<b>Weight</b>	270 g	415 - 440 g	230 g (incl. battery)	392 g	626 - 699 g
<b>Display</b>	262 K color display, 320 x 240 pixel, 2,7", Touchscreen	64 K colour display, 640 x 480 pixel, backlight, touch screen	64 K colour display, 240 x 320 pixel, 5.6 cm (2.2") diagonal, backlight, touch screen	Color display, 240 x 320 pixel, 3,2", Touchscreen	64 K colour display, 640 x 480 pixel, backlight, touch screen
<b>Keyboard</b>	27/46 keys numeric/qwerty	27/46 keys numeric/qwerty	23 rubber keys, 5-position joystick, backlit keyboard	38 or 28/ 50 keys numeric/qwerty	29/52 key numeric/alpha-numeric
<b>Operating Temp.</b>	-0 to +50 °C	-10 to +50 °C	0 to +50 °C	-0 to +50 °C	-10 to 50 °C
<b>Storage Temp.</b>	-20 to 70 °C	-20 to +70 °C	-10 to +65 °C	-20 to 70 °C	-40 to 70 °C
<b>Drop Resistance</b>	1.2 m to concrete	1.5 m to concrete	1.2 m to concrete	1.5 m to concrete	1.8 m to concrete
<b>Protection</b>	IP54	IP64	IP54	IP64	IP64
<b>Operating System</b>	WEHH 6.5	WEHH 6.5, Windows CE 6.0	Windows CE 5.0, Mobile 6.1	WEHH 6.5, Windows CE 6.0	WEHH 6.5, Windows CE 6.0
<b>Processor</b>	XScale PXA 310, 806 MHz	Xscale PXA310 624 MHz	IntelXScale 624 MHz	XScale PXA 310, 624 MHz	Xscale PXA310 624 MHz
<b>RAM / Flash</b>	256 / 512 MB	256 / 256 MB	128 MB / 256 MB	256 / 512 MB	256 / 256 MB
<b>Expansion-Slots</b>	Micro SD with SDHC	Micro SD with SDHC	SD	Micro SD with SDHC	Micro SD with SDHC
<b>Interfaces</b>	Micro USB 1.1	Micro USB 2.0	RS232, USB 1.1, Mini USB 1.1	Micro USB 1.1	Micro USB 2.0
<b>Local Area Network</b>	WiFi 802.11 b/g/n	WiFi 802.11 a/b/g	WiFi: 802.11b/g (option) int. antenna; Frequency 2.4-2.5 GHz	WiFi 802.11 b/g/n	WiFi 802.11 a/b/g
<b>Wide Area Network</b>	HSPA+, GPRS, EDGE	UMTS, HSDPA, GPRS, EDGE	-	-	-
<b>Personal Area Network</b>	Bluetooth class 2 w. DER	Bluetooth class 2 w. DER	Bluetooth antenna: internal	Bluetooth class 2 w. DER	Bluetooth class 2 w. DER
<b>Power Supply</b>	Removable battery pack with rechargeable Li-Ion batteries. Standard: 3.7 V; 1800 mAh (6.7 Watt-hours)	Removable battery pack with rechargeable Li-ion batteries; 3.7 V 3000/5000 mAh (11.10/18.50 Watt hours)	Removable battery pack with rechargeable Li-Ion batteries; 3,7 V 1100/2200 mAh (3,6/7,2 Watt)	Removable battery pack with rechargeable Li-Ion batteries. Standard: 3.7 V; 3,000 mAh (11.1 Watt-hours)	Removable battery pack with rechargeable Li-ion batteries; 3.7 V 5000 mAh (18.5 Watt hours)
<b>Scanning rate</b>	104 scans / 60 frames/sec.	140 scans / 60 frames/sec.	104 ± 12 scans/sec.	104 scans / 60 frames/sec.	40 scans / 60 frames/sec.
<b>Depth of Field</b>	3 to 62 cm	5 to 64 cm	5 to 90 cm	3.5 to 41.5 cm	8 to 380 cm
<b>Bar Codes</b>	All common 1D & 2D bar codes	All common 1D & 2D bar codes	All common 1D bar codes	All common 1D & 2D bar codes	All common 1D & 2D bar codes
<b>Laser Classification</b>	VLD - Class 2	VLD - Class 2	VLD - Class 2	VLD - Class 2	VLD - Class 2
<b>Special Characteristics</b>	GPS, 3MP cam, optional available with 2D imager	GPS, RF-ID, 3MP Cam., pistol grip	Class I LED Product, optional available with 2D imager	Optional available with 2D imager, pistol grip	3MP cam, pistol grip
<b>Target groups</b>	Retail In-Store, events	Retail In-Store, events	Retail In-Store, events	Stock, logistics	Stock, logistics

Model	Rhino
<b>Description</b>	Page 57
<b>Dimensions</b>	273 x 234 x 52 mm
<b>Weight</b>	2.5 kg (without mount)
<b>Display</b>	26.4 cm (10.4") LCD, 640 x 480 pixels, contrast 300:1, 400 cd/m <sup>2</sup> , with backlight and resistive touch panel (anti glare)
<b>Keyboard</b>	Power On/Off (with LED), UP/Down
<b>Operating Temp.</b>	-10 to +50 °C / -30 to +60 °C (optional)
<b>Storage Temp.</b>	-30 to +70 °C
<b>Schock / Vibration</b>	MIL-STD 810F
<b>Industrial Protection</b>	IP65
<b>Operating System</b>	Windows Embedded CE 6.0 R3
<b>Processor</b>	Marvell XScale PXA270 520 MHz
<b>RAM / Flash</b>	128 MB / 128 MB
<b>Expansion-Slots</b>	1x Compact Flash type I/II (not available if 802.11 radio installed), 1x SD HD memory
<b>Interfaces</b>	2x RS232 (5 V or 12 V power supply for external handheld scanner), 2x USB (host)
<b>Local Area Network</b>	WiFi (802.11 b/g), Ethernet 10/100 MB (optional), Bluetooth (optional)
<b>Power Supply</b>	10 V-60 VDC internal, fully isolated power supply
<b>Option</b>	External keyboard (ABCD or QWERTY), also combined with handheld scanner
<b>Target groups</b>	Warehousing, freezer and tough outdoor environments, manufacturing industry