

	CIPHERLAB					DATALOGIC					
	1166/1266	1560/1564	1560	1660	1664	Gryphon 4500	PowerScan PBT9100	Powerscan PBT9300	Powerscan PM9300	Powerscan PD9x00 range	Quickscan QM2131
											
<b>Scan Engine</b>	Linear Imager / Laser	Linear Imager / Area Imager	Linear	Linear	Linear	Laser / Linear Imager / Area Imager	Laser / Linear Imager	Laser	Laser	Laser / Area Imager / HP Area Imager	Linear / Stacked
<b>1D/2D</b>	1D	1D/2D	1D/2D	1D/2D	2D	1D/2D/POSTAL/ STACKED/ COMPOSITE/DOT	1D/2D	1D/2D	1D/2D	1D/2D	1D
<b>Interface</b>	USB/KBW/RS32/ Bluetooth C2 V2	USB/KBW/RS32/ Bluetooth C2 V2	Bluetooth	Bluetooth / USB	Bluetooth / USB	USB/KBW/RS232/	Keyboard Wedge RS-232; USB: OEM USB; USB COM; USB HID Keyboard; Optional Ethernet	KBW; RS-232; USB: Keyboard; Opt Ethernet	KBW; RS-232; USB: Keyboard; Opt Ethernet	USB/KBW/RS232/ WAND	Keyboard Wedge / OEM (IBM) USB / RS-232 / USB
<b>Rugged</b>	No	No				No	Yes	Yes	Yes	Yes	
<b>Operating temp (°C)</b>	0-50	0-50	0-50	0-50	0-50	0-50	-20 to 50 °	-20 to 50 °	-20 to 50 °	-20 to 50	0 to 50 °C
<b>Tethered</b>	Cordless	Cordless	Cordless	Cordless	Cordless	Corded / Cordless	Cordless	Cordless	Cordless	Corded / Cordless	Cordless
<b>Reading distance</b>	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard / Auto Range / Long Range	2.0 to 45.0 cm
<b>Warranty</b>	3 year / 1 year	3 year	5 years	1 year	1 year	3 / 5 years	3 years	3 years	3 years	3 / 5 years	3 years
<b>Price bracket</b>	Medium	Medium	Medium	Low	Low	Medium				High	

	Honeywell					Intermec	Opticon						
	Granit 1911i	Granit 1981i	Voyager 1452g	Voyager 1602g Pocket scanner	Xenon 1902g	SR61B	OPC-3301i	OPH-1005 Batch Terminal – Handheld mobile computer	OPN-2001 Pocket memory scanner	OPN-2006 Companion scanner	OPN-3002i Companion scanner	PX-20 Companion scanner	OPN-4000i Companion scanner
													
<b>Scan Engine</b>	Area Imager	Area Imager	Area Imager	Area Imager	Area Imager	Area Imager	Barcode CCD	Laser barcode scanner					CCD linear sensor
<b>1D/2D</b>	1D/2D	1D/2	1D/2D	1D/2D	1D/2D	1D/2D	1D / POSTAL	1D / 2D / POSTAL	1D / POSTAL	1D / POSTAL	1D / 2D / POSTAL	1D / 2D / POSTAL	1D / POSTAL
<b>Interface</b>	USB/KBW/RS32 TTL	Wireless	USB, Keyboard Wedge, RS232 TTL, IBM 46xx (RS485)	integrated Bluetooth® Class 2	USB/KBW/RS32/IBM/BT C2 V2.1	USB/KBW/RS32/Wand/Bluetooth C1 V1.2	Bluetooth	IRDA: Version 1.2	USB	USB and Bluetooth v3.0 Programmable	USB and Bluetooth v2.1 Programmable	USB and Bluetooth v2.1 Programmable	USB and Bluetooth v2.1
<b>Rugged</b>	Yes	Yes	Yes	Yes	No	Yes	No	Yes	N/A	N/A	N/A	N/A	Yes
<b>Operating temp (°C)</b>	-20 to 50	-20°C TO 50°	5°C TO 40°C	0-50	0-50	-20 to 50	0-50	-10 to 50	0-40	0-40	0-50	-10 to 50	0-50
<b>Tethered</b>	Cordless	Cordless	Cordless	Cordless	Cordless	Cordless	Cordless	Battery Li-Ion 3.7V	Cordless. Battery Li-Ion 3.7V	Cordless. iOS and Android compatible	Cordless. iOS and Android compatible	Cordless. iOS and Android compatible	Cordless. iOS, Android and Windows compatible
<b>Reading distance</b>	Extended	Extended	Standard	Standard	Standard	Standard / Auto	Standard						
<b>Warranty</b>	3 year	3 year	3 years	3 year	3 year	3 year	2 years	2 years	2 years	2 years	2 years	2 years	2 years
<b>Price bracket</b>	High	High			High	High	Medium						

	Unitech	Zebra											
	MS352	CS3000	DS2278	DS6878	DS2278	DS3500	3600 SERIES ULTRA RUGGED	LI4278	SS4070-HC (Healthcare)	PS20 Personal shopper (Android)	CS4070	DS4308	CS4700
													
<b>Scan Engine</b>	Bluetooth Scanner	Laser	Area Imager	Area Imager	Linear Imager	Area Imager		Linear Imager	SE4710 image	Base model: SE2100 1D/2D imager Plus model: SE4710 1D/2D imager + Digimarc support	SE4710 image engine	2D imager	SE4710 image engine
<b>1D/2D</b>	1D/2D	1D	1D/2D	1D/2D	1D/2D	1D/2D	1D	1D	1D/2D	1D/2D	1D/2D	1D/2D/Postal	1D/2D
<b>Interface</b>	Bluetooth 4.0, Class 2 Range	USB	USB/KBW/RS32/TGCS (IBM) over RS485	USB/KBW/RS232/IBM/WAND/BT V2.1 C1	USB/KBW/RS32/TGCS (IBM) over RS485	USB/KBW/RS232/BT C2 0V2.1	USB, RS232, Keyboard Wedge	BT V2.1 +EDR	USB (micro jack): Bluetooth	USB 2.0	USB (micro jack): Bluetooth	USB/KBW/RS232/RS485 (IBM 46XX), SSI	USB (micro jack): Bluetooth
<b>Rugged</b>	Drop Sec: 1.5. IP51	No	Multiple 1.5m drops to concrete	No	No	Yes	Ultra	Yes	Yes	Yes	Yes	Yes	Yes
<b>Operating temp (°C)</b>	0-50	0-40	0-50	0-55	0-50	-20 to 50	-20 to 50	0-50	0-40	10 to 50	0° to 40° C	0° to 50° C	0° to 40° C
<b>Tethered</b>	Cradle thered, Scanner cordless	Cordless	Cordless	Cordless	Corded or DS2278 cordless	Corded / Cordless	LI3678-ER (cordless) and LI3608-ER and LI3678-ER (corded)	Cordless	Cordless	Cordless	Cordless	Power supplies are available for applications that do not supply power over the host cable	Cordless
<b>Reading distance</b>	Standard	Standard	110,000 scans at 60 scans per minute or 50,000 scans at 10 scans per minute	Standard	123 - 368 mm	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
<b>Warranty</b>	4 year limited	1 year	5 year	3 year	5 year	3 year	3 years	3 year	3 year		3 year	3 year	3 years
<b>Price bracket</b>		Low		Medium		High		Low - Mid					

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