












	Cognex	Datalogic			InData	
	MX-1000	POWERSCAN™ PD9500-DPM Evo	POWERSCAN™ PM9500-DPM Display, 4-keys Evo	MATRIX 300N	Xenon LDS 1900	6500 SC
						
<b>Corded / cordless</b>	Cordless	Corded or Cordless	Corded or Cordless	M12, 4 pole connections	Corded or cordless	Cordless
<b>Decode capability</b>	1-D: UPC/EAN/JAN, Codabar, Interleaved 2 of 5, Code 39, 128, 93, Pharmacode, GS1 DataBar, PDF417, Micro PDF417. 2-D: DataMatrix, QR, MicroQR, Dot and postal code	1D, Stacked, 2D, GS1 DataBar, Composite, 'dot peen' Data Matrix	1D / LINEAR CODES Autodiscriminates all standard 1D codes inc GS1 DataBar™ linear. 2D CODES Aztec; China Han Xin ; Data Matrix; MaxiCode; Micro QR; QR; POSTAL CODES Australian; China; IMB; Japanese; KIX; Planet Code; Portuguese; Postnet; Royal Mail(RM4SCC); Swedish; STACKED CODES EAN/JAN Composites; GS1 DataBar Comp; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Comp	1D Codes: all standard 1 dimensional symbologies 2D Codes: Data Matrix, QR Code, Micro QR, Maxicode, Aztec Postal Codes: Royal Mail, Japan Post, Planet, Postnet and many more	1D, PDF, 2D, Postal and OCR Symbologies	2D, Linear, Postal
<b>Light source</b>	Green LED	White soft light	Aiming: 630 - 680 nm VLD Illumination: White LED reading light	Dual laser pointer (CDRH/IEC Class II) Integrated dual illuminator	375 nm – UV, IR 465nm - Blue Postal, (others on special request)	<b>Processor:</b> Marvell XScale PXA300 624 MHz <b>Operating System:</b> Microsoft® Windows CE 5.0 <b>Memory:</b> 128 MB RAM X 128 MB Flash <b>Display:</b> 3.5 in. transreflective active matrix 65k color LCD with backlight, QVGA (240 x 320)
<b>Field of view</b>	2D up to 100mm. 1D up to 110mm	From contact to 4-5 cm	From contact to 4-5 cm	66° (6mm) . 40° (9mm) . 32°(12mm) . 24° (16mm)	1 inch to 5 inches	
<b>Additional features</b>	Accepts variety of current and future generation smartphones. Augments capability in fully ruggedised housing	Cordless versions – display and keypad options	Batch mode saves data to internal memory when the scanner is off-line			
<b>Operating temp</b>	0 °C to 40 °C	-20 to 50 °C	-20 to 50 °C	Manual Focusing models: 0° to + 50 °. Electronic Liquid Lens models: 0° to + 45 °		-10 ° C to 50 ° C
<b>Sealing</b>	IP65	IP65	IP65	IP67		
<b>Environmental / Drop spec</b>	50 drops from 2m onto concrete	Withstands 50 drops from 2.0 m / 6.6 ft onto concrete	Cradle: 50 drops from 1.2 m onto concrete. PBT9500: 50 drops from 2.0 m onto concrete			
<b>Interfaces</b>	USB, Wi-fi, Bluetooth. Supports Samsung® Galaxy® S4 and S5, Apple® iPhone® 5/S5, 6/S6 and iPod® 5th Generation	RS-232 / USB / Keyboard Wedge	PM9500-DPM EVO: RS-232 / USB / Keyboard Wedge Multi-Interface; Optional Ethernet (Standard, Industrial)	Ethernet 10/100: Ethernet IP, TCP/IP, UDP, FTP, MODBUS TCP. Serial RS232/RS422/RS485 up to 115.2 Kbit/s + Aux RS232. On-board PROFINET-IO	USB, Keyboard Wedge, RS-232 and IBM 46XX retail terminals	USB 1.1 from cradle (or I/O cable); RS232 (115Kbps) from cradle
<b>Radio</b>			Bluetooth® 3.0 Compliant, Class 1 and 433MHz			BT v 2..0 +EDR
<b>Frequency / WLAN</b>		2.40 to 2.48 GHz				Dual Mode 802.11 b/g (11Mbps/54 Mbps) with internal antenna
<b>Battery / Power</b>	3.7 V, 3070 mAh Li-Polymer		Lithium-Ion 2150 mAh	Standard: 10 VDC to 30 VDC / Power over Ethernet: 48 Vdc (IEEE.802.3af)		Li-Ion 3.7 V, 3300 mAh
<b>Dimensions (mm)</b>	208.6 x 88.9 x 42.1	212 x 110 x 74	Cradle: 240 x 108 x 95	95 x 54 x 43 Connector @ 0°. 75 x 54 x 62 Connector @ 90°	104 x 71 x 160	200 x 83 x 42
<b>Weight</b>	510 g (675 g with pistol grip)	330g (corded)	380g (corded)	238 g with lens and internal illuminator		

	Zebra				
	DS3508 Rugged	DS3578 Rugged	DS457DP	Symbol MT2000	Symbol 6700
					
<b>Corded / cordless</b>	Corded	Cordless	Corded	Cordless	Corded
<b>Decode capability</b>	1D, 2D, PDF417, Postal, DPM, IUD support	1D, 2D, PDF417, Postal, DPM, IUD support	1D, 2D, DPM	4 configurations: 1D Laser, 1D/2D Imager, 1D/2D HD Imager, DPM Imager	1D, 2D, PDF417, Postal,
<b>Light source</b>	Aiming pattern: 650nm visible laser diode Illumination: 630nm LED	Light source: Aiming pattern: 650nm visible laser diode. Illumination: 630nm LE D.	655 ± 10 nm (VLD)	<b>Processor:</b> IntelXScale PXA270 @312MHz <b>Operating System:</b> Microsoft® Windows CE 5.0 <b>Memory:</b> 64MB/64MB <b>Display:</b> 320 X 240 QVGA color graphic display	Aiming: 650 nm laser diode Illumination: 630 nm LED
<b>Field of view</b>	Standard Range Focus: 39.6° H x 25.7°V. High Density Focus: 38.4° H x 24.9° V	Standard Range Focus: 39.6° H x 25.7°V. High Density Focus: 38.4° H x 24.9° V	DS457 SR and DL: 39.6° horizontal, 25.7° vertical DS457 HD and DP: 38.4° horizontal, 24.9° vertical		SR - Standard range: 34° V x 43° H. (Vertical x Horizontal) DC - Document capture: 35° V x 44° H
<b>Additional features</b>	Programmable up to 100 in./sec. (2.54m/sec.) when in Enhanced Presentation Mode for 100% 13 mil UPC.	Up to 60 in./sec. (1.52m/sec.) for 100% 13 mil UPC. Motion tolerance will vary depending on code type, scan distance and print quality.			Horizontal velocity: 5 in. (12.7) cm per second
<b>Operating temp</b>	-20° C to 50° C	-20° C to 50° C	-20° to 50° C	-20° to 50° C	0° to 50° C
<b>Sealing</b>	IP65	IP65	IP54	IP54	IP43
<b>Environmental / Drop spec</b>	Compliant with RoHS directive 2002/95/EEC	Compliant with RoHS directive 2002/95/EE C	RoHS compliant	6 ft. drop to concrete over the operating temperature range	6 ft. drop to concrete
<b>Interfaces</b>	USB, RS-232, RS-485 (IBM 46xx Protocols), Keyboard Wedge	USB, RS-232, RS-485 (IBM 46xx Protocols) and Keyboard Wedge	9-pin male D-sub - USB (full speed) and TTL level RS232 with RTS and CTS	USB 2.0 Host and RS-232	DS6707: RS-232C); USB DS6708: IABove plus IBM 468x/469x and keyboard wedge
<b>Radio</b>		BT v 2.1, Serial Port and HID Profiles		2.4Ghz class I radio – 300 feet (91.44 m) open air	
<b>Frequency / WLAN</b>		2.402 to 2.480 GHz adaptive frequency hopping and co-existence with 802.11 wireless networks		Tri-mode IEEE® 802.11a/b/g	
<b>Battery / Power</b>	5 volts +/- 10%, 330 mA	2200 mAh Li-Ion	Maximum: 5 VDC +/- 10% @ 450 mA	2400 mAh Li-Ion @3.7Vdc	5 +/-10%VDC @ 350 mA
<b>Dimensions (mm)</b>	186.5 x 122.5 x 74.3	186.5 x 122.5 x 74.3	29.2 H x 58.4 L x 62	198 x 78 x 127	166 x 119 x 71
<b>Weight</b>		414gm	111g	378g	182g

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