Scheda Tecnica XD4

1. Printhead		**XD4M/300**
Print method		Thermal transfer
Print resolution dpi		300
Print speed up to mm/s		30, 40, 50, 75, 100, 125
Print width mm		105.6
2. Material		
Continous rolls or fan-folded		Paper, cardboard, textiles, synthetics PET, PE, PP, PVC, PU, Acrylat, PI
Material thickness mm / weight g/m^2		0.055 - 1.2 / 60 - 300
Width:	Continuous material[1)] mm	10 - 110
	Shrinkable tubing mm	3.5 - 110
Height[1)] up to mm		2000
Media roll:	Total diameter up to mm	300
	Core diameter mm	38 - 100
	Winding direction	outside or inside
3. Ribbon		
Ink		outside or inside
Roll diamter up to mm		80
Core diameter mm		25
Ribbon length variable up to m		500
Width up to mm		114
5. Dimensions of the printer		
Height x Depth mm		395 x 554
Width mm		248
Weight kg		21
6. Label sensor		
See-through sensor		for leading edge of the label or punching marks and end of material
Reflective sensor from the botton		for printing marks
Distance from the center to the left mm		0 - 53
7. Electronics		
Prozessor high speed 32 Bit ColdFire/Taktrate MHz		266
(RAM) MB		64
Memory IFFS MB Flash		8
Slot for memory CompactFlash-card Type I		■
Slot for Wireless LAN-card		■
Battery cache for		Real-time clock, printout of time and date Storage of data with shut-down
Warning signal		Acoustic signal when error
8. Interfaces		
Centronics bi-directional acc. IEEE 1284		□
RS232 C 1.200 up to 230.400 Baud/8 Bit		■
USB 2.0 High Speed Slave for PC-connection		■
Ethernet 10/100 Base T, LPD, RawIP-Printing, ftp-Printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, Zeroconf, mDNS, SOAP		■
RS422, RS485 1.200 up to 230.400 Baud/8 Bit		□
Peripheral connection		■
WLAN card 802.11b/g WEP/WPA PSK (TKIP)		□
2 x USB Master for		external operation panel, keyboard, scanner or service key
9. Operation data		
Power supply		100 - 240 V ~ 50/60 Hz, PFC
Power consumption		max. 300 W
Temperature / Humidity		10 - 35°C / 30 - 85% not condensing
Approvals		CE, FCC class A, CB, CCC, UL

[1)] Depending on label size, material and adhesive limitations are possible. Critical material or applications have to be testet and cleared.

10. Operation panel		
Buttons/LED display	Pause, Feed, Cancel, Menue, Enter, 4 x Cursor	
LCD graphic display Width x Height mm	Text 4 lines, ca. 20 digits per line 60 x 40	
11. Settings		
	Time, date, digital or analog clock	
	25 language settings	
	system settings, print parameters, interfaces, security	
12. Monitoring		
Stop printing if	End of ribbon End of labels Printhead open	
On the display	Data reception WLAN field intensity Ethernet state Used memory Temperature printhead Access to memory card Remaining quantity of ribbon	Clock Date sheet abc Debug Input buffer
13. Test routines		
System diagnosis	When switched on with testing of printhead	
Short Status, Status print	font list, device list, WLAN state, profile of label, test grid, monitor mode, PPP state	
Status reports	Extensive status print with information about setting, e.g. print length counter, runtime counter etc. Request of machine state via software command. Detailed status messages on the display, e.g. network error-no link, barcode error etc.	
14. Fonts		
Font types	5 Bitmap fonts incl. OCR-A, OCR-B and 3 Vector fonts Swiss 721, Swiss 721 Bold and Monospace 821 available internally, loadable TrueType fonts. Optional Chinese (simplified Chinese) Optional Thai	
Character sets	Windows 1250 up to 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBCDIC 500, ISO 8859-1 up to -10 and -13 up to -16, WinOEM 720, UTF-8, Macintosh Roman, DEC MCS, K0I8-R. All West and East European latin, cyrillic, greek, hebrew and arabic caracters are supported. Optional Thai and Chinese	
Bitmap-Fonts	Size of width and height 1 - 3 mm zoom 2-10. Orientation 0°, 90°, 180°, 270°	
Vector-/TrueType fonts	Size of width and height 0.9 - 128 mm variable zoom, Orientation 360° in steps of 1°	
Font formats	Bold, italic, underlined, outline, negative, grey, vertical, depending on character fonts	
Font width	Variable	

15. Graphics		
Graphic elements	Line, arrow, box, circle, ellipse, filled and filled with fading	
Graphic formats	PCX, IMG, BMP, TIF, MAC, GIF, PNG	
16. Codes		
Linear Barcodes	Code 39, Code 93 Code 39 Full ASCII Code 128 A, B, C Codabar EAN 8, 13 EAN/UCC 128 EAN/UPC Appendix 2 EAN/UPC Appendix 5 FIM HIBC	Interleaved 2/5 Ident- and leader code of Deutsche Post AG JAN 8, 13 MSI Plessey Postnet RSS 14 UPC A, E, E0
2D-Codes	Aztec, Codablock F, Data Matrix, PDF 417, Micro PDF 417, UPS Maxicode, QR-Code, RSS 14 truncated, limited, stacked and stacked omnidirectional, EAN-Datamatrix, GS1 Data Bar	
	All codes variable in height, module width and ratio. Orientation 0°, 90°, 180°, 270°. Optionally with check digit, printed characters and Start/Stop code depending on code type.	

17. Software		
Programming	J-Script direct programming	■
	abc-Basic Compiler	■
	Database Connector	□
System diagnosis/ Administration	printer monitoring	■
	Network Manager	□
cab Label software	cablabel R2 Lite*	■
	cablabel R2 Pro	□
	Easylabel, Codesoft	□
Additional Label software	Nicelabel, Bartender, Label Matrix, Labelview	○
Windows driver	32/64 bit for Windows 2000 / XP / Server 2003 / Vista / Windows 7 / Server 2008	■
Mac driver*	OS X printer driver from version 10.3	■
Linux driver*	Testet with Suse 9.0, CUPS based	■
Stand-alone operation		■

*not for XD4M

■ Standard
□ Option
○ Authorised distribution by resellers

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Energy-saving.
Environmentally conscious.

The specifications are according to our current technical knowledge. They are subject to change.