

ZX420 series Thermal Transfer Light Industrial Printer

Model Name	ZX420	ZX420i	ZX430	ZX430i
Print Method	Thermal Transfer / Direct Thermal			
Resolution	203 dpi (8 dots/mm)		300 dpi (12 dot/mm)	
Print Speed	6 ips (152 mm/s)		4 ips (102 mm/s)	
Print Width	4.25" (108mm)		4.16" (105.7mm)	
Print Length	Min. 0.16" (4 mm)** ; Max . 157.44" (3999mm)		Min. 0.16" (4 mm)** ; Max. 73.19"(1859 mm)	
Processor	32-bit RISC CPU			
Memory	128 MB Flash (60 MB for user storage)			
Flash SDRAM	32 MB			
Sensor Type	Adjustable reflective sensor and transmissive sensor, left aligned			
Type	Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming			
Width	Tear : Min. 1" (25.4 mm) – Max. 4.64" (118 mm) Cutter : Max. 4.61" (117 mm)			
Media Thickness	Dispenser / Rewind : Max. 4.64" (118 mm) Min. 0.003" (0.076 mm) – Max. 0.01" (0.25 mm)			
Label roll diameter	Max. 8" (203.2 mm) with 3" (76.2 mm) core			
Core diameter	Max. 6" (152.4 mm) with 1.5" (38.1 mm) core Max. 5" (127 mm) with 1" (25.4 mm) core Min. 1" (25.4 mm) – Max. 3" (76.2 mm)			
Ribbon Types	Wax, wax/resin, resin			
Ribbon Length	Max. 1476' (450 m)			
Ribbon Width	Min. 1.18" (30 mm) – Max. 4.33" (110 mm)			
Ribbon roll diameter	3" (76.2 mm)			
Ribbon Core diameter	1" (25.4 mm)			
Printer Language	EZPL, GEPL, GZPL auto switch			
Software Label design software	GoLabel (for EZPL only)			
Driver	Windows 2000, XP, Vista, Windows 7, 8.1 and 10 , Windows Server 2003 & 2008 , MAC , Linux			
DLL	Win CE, .NET, Android, Windows Mobile, Windows 2000 / XP / VISTA / 7 / 8.1 / 10			
Resident Fonts Bitmap Fonts	6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B			
TTF Fonts	Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable			
Bitmap Fonts	Bitmap fonts 8 times expandable in horizontal and vertical directions			
Asian Fonts	TTF Fonts (Bold / Italic / Underline). 0°,90°, 180°, 270° rotatable			
TTF Fonts	90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable			
1-D Bar Codes	16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese (GB2312), Japanese (S-JIS), Korean (KS-X1001)			
2-D Bar Codes	90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions			
Code Pages	TTF Fonts (Bold / Italic / Underline). 0°,90°, 180°, 270° rotatable			
Graphics	China Postal Code, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128 (subset A, B, C), EAN-8, EAN-13, EAN 8/13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5 , Interleaved 2-of-5 (12 of 5) , Interleaved 2- o-f 5 with Shipping Bearer Bars, ISBT – 128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Random Weight, Standard 2 of 5, Telepen, UPC-A, UPC-E, UPC-A and UPC-E with EAN 2 or 5 digit extension, UCC 128, UCC/EAN-128 K-Mart			
Interfaces	Aztec code, Code 49, Codablock F , Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417, QR code, TLC 39			
Control Panel	Codepage 437, 737, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869, Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257			
RTC Power	Unicode UTF8 , UTF16BE , UTF16LE			
Environment Operation temperature	Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software			
Storage temperature	• USB 2.0 (B-Type) • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-Tx • USB 2.0 (B-Type) Ethernet port (RJ-45) • USB Host (A-Type) • Color TFT LCD with navigation button			
Humidity Operation	• 1 Power on/standby button with green color LED backlight • 1 Calibration button at rear panel • 1 Control key : FEED / PAUSE / CANCEL with dual color LED backlight: Ready (Green); Error (Red)			
Agency Approvals	• 1 Power on/standby button with green color LED backlight • 1 Calibration button at rear panel • 1 Control key : FEED / PAUSE / CANCEL with dual color LED backlight: Ready (Green); Error (Red)			
Dimension Length	• 1 Power on/standby button with green color LED backlight • 1 Calibration button at rear panel • 1 Control key : FEED / PAUSE / CANCEL with dual color LED backlight: Ready (Green); Error (Red)			
Height	• 1 Power on/standby button with green color LED backlight • 1 Calibration button at rear panel • 1 Control key : FEED / PAUSE / CANCEL with dual color LED backlight: Ready (Green); Error (Red)			
Width	• 1 Power on/standby button with green color LED backlight • 1 Calibration button at rear panel • 1 Control key : FEED / PAUSE / CANCEL with dual color LED backlight: Ready (Green); Error (Red)			
Weight	• 1 Power on/standby button with green color LED backlight • 1 Calibration button at rear panel • 1 Control key : FEED / PAUSE / CANCEL with dual color LED backlight: Ready (Green); Error (Red)			