User Manual

GoDEX

ZX1000i Pro Series

Thermal Label Printer

APPENDIX—PRODUCT SPECIFICATIONS

Model Name		ZX1200i Pro	ZX1300i Pro	ZX1600i Pro
Print Method		Thermal Transfer / Direct Thermal		
Resolution		203 dpi (8 dots/mm)	300 dpi (12 dots/mm)	600 dpi (24 dots/mm)
Print Speed		Up to 10 IPS (254 mm/s)	Up to 7 IPS (178 mm/s)	Up to 4 IPS (102 mm/s)
Print Width		4.09" (104 mm, up to 108mm)	4.09" (104 mm, up to 105.7mm)	4.09" (104 mm, up to 105.6mm)
Print Length		Min. 0.12" (3 mm)**; Max. 400" (10,160 mm)	Min. 0.12" (3 mm)**; Max. 350" (8,890 mm)	Min. 0.12" (3 mm) Max. 100" (2,540 mm)
Processor		32-bit RISC CPU		
Memory	Flash	16 GB Storage		
	SDRAM	2 GB		
Sensor Type		Adjustable reflective sensor and transmissive sensor, left aligned		
Media	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. 4.65" (118 mm) Cutter : Max. 4.61" (117 mm) Dispenser / Rewind : Max. 4.65" (118 mm)		
	Thickness	Min. 0.0024" (0.06 mm) – Max. 0.01" (0.25 mm)		
	Label roll diameter	Max. 8" (203.2 mm)		
	Core diameter	Min. 1.5" (38.1 mm) – Max. 3" (76.2 mm)		
Ribbon	Types	Wax, wax/resin, resin		
	Length	Max. 1476'(450 m)		
	Width	Min. 1.18" (30 mm) – Max. 4.33" (110 mm)		
	Ribbon roll diameter	3" (76.2 mm)		
	Core diameter	1" (25.4 mm)		
Printer Language		EZPL, GEPL, GZPL, GDPL auto switch		
PDF Documents		Supports to print PDF documents		
Software	Label design software	GoLabel II (EZPL only) (Windows)		
	Management tools	GoTools (Windows / Android / iOS)		
	APP	GoAPP(Android / iOS)		
Driver		Vista, Windows 7, Windows 8 & 8.1, Windows 10, Windows 11, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, MAC, Linux		
SDK		Win CE, .NET, Windows Vista, Windows 7, Windows 8 & 8.1, Windows 10, Windows 11, Android, Mac, iOS		
Resident Fonts	Bitmap Fonts	6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B 0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable 8 times expandable in horizontal and vertical directions		
	TTF Fonts	(Bold / Italic / Underline) 0°, 90°, 180°, 270° rotatable Internal TTF Fonts x 5: Traditional Chinese, Simplified Chinese, Japanese, Korean, Western languages		
Download Fonts	Bitmap Fonts	0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable		
	Asian Fonts	16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese(GB2312), Japanese (S-JIS), Korean (KS-X1001) 0°, 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions		
	TTF Fonts	(Bold / Italic / Underline). 0°,90°, 180°, 270° rotatable		
Barcodes	1-D Bar Codes	China Postal Code, Codabar, Code 11, Code 32,Code 39, Code 93, Code 128 (subset A, B, C), EAN-8/EAN-13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5 , Interleaved 2-of-5 (I 2 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT-128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Standard 2 of 5, Telepen, Matrix 2 of 5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart, Random Weight and Pharmacode		
	2-D Bar Codes	Aztec code, Code 49,Codablock F , Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417,QR code, TLC 39, GS1 Composite, DotCode, Marco PDF 417		
Code Pages		Codepage 437, 737, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869 Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257 Unicode UTF8、UTF16BE、UTF16LE		
Graphics		Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software		
Interfaces		USB 3.2 Gen 1 (Type B) Serial port (RS-232) Ethernet 10/100/1000 Mbps (IEEE 802.1X) USB Hosts x 3 (Type A). 2 ports at the front panel, 1 port at the rear panel		
Wireless Connection		Supports commercially available Linux USB dongle ***		
Control Panel		Backlight 3.2" touch screen LCD 1 Power on/off button with green LED backlight 1 Control key: FEED/PAUSE/CANCEL with dual colour LED backlight: Ready(Green); Error(Red) 1 Calibration button at rear panel		
Real Time Clock		Standard		
Power		Internal auto switching power supply Input: AC 100-240V, 50-60Hz		
Environment	Operation temperature	41°F to 104°F (5°C to 40°C)		
	Storage temperature	-4°F to 140°F (-20°C to 60°C)		
Humidity	Operation	20-85%, non-condensing		
	Storage	10-90%, non-condensing		
Agency Approvals		CB, CE (EMC), FCC Class B, ICES-003, cULus, UKCA, Energy Star ****		
Dimension	Length	465 mm (18.3")		
	Width	269 mm (10.6")		
	Height	312 mm (12.3")		
	Weight	13.6 Kg (30 lbs), excluding consumables		
Options		Cutter module (User Install) – Rotary cutter, Guillotine cutter, Perforation cutter, High speed cutter, Paper card cutter		
		Label Dispenser + Internal rewinder module (Dealer Install) Applicator Interface (DSUB female 15-pin)		

	RFID R/W module (project option)
	External label unwind stand
	External label rewinder