



# EZ2050/EZ2150

Most affordable and powerful industrial barcode printers

The EZ2050 series is a perfect solution for industrial label printing applications where high performance and an affordable price is important.



Ethernet, Serial, USB port and Auto Calibration button included



Easy to change, low-cost printhead assembly



All metal, industrial enclosure and print mechanism



Free labeling software GoLabel for easy printing

Barcodes Made Easy

Model		EZ2050	EZ2150
<b>Print Method</b>		Thermal Transfer / Direct Thermal	
<b>Resolution</b>		203 dpi (8 dot/mm)	300 dpi (12 dots/mm)
<b>Print Speed</b>		6 IPS (150 mm/s)	4 IPS (102 mm/s)
<b>Print Width</b>		4.09" (104 mm)	
<b>Print Length</b>		Min. 0.16" (4 mm)** ; Max. 100" (2540 mm)	Min. 0.16" (4 mm)** ; Max. 45" (1143 mm)
<b>Memory</b>	<b>Flash</b>	8MB Flash (4MB for user storage)	
	<b>SDRAM</b>	16MB	
<b>Sensor Type</b>		Adjustable reflective sensor and transmissive sensor, left aligned	
<b>Media</b>	<b>Types</b>	Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming	
	<b>Width</b>	Standard: 1" (25.4 mm) Min. - 4.64" (118 mm) Max. With Cutter: 4.61" (117 mm) Max. With Dispenser / Rewinder: 4.64" (118 mm) Max.	
	<b>Thickness</b>	0.003" (0.06 mm) Min. - 0.01" (0.25 mm) Max.	
	<b>Label Roll Diameter</b>	Max. 8" (203.2 mm) with 3" (76.2 mm) core / Max. 6" (152.4 mm) with 1.5" (38.1 mm) core	
<b>Ribbon</b>	<b>Core Diameter</b>	1.5" (38.1 mm) - 3" (76.2 mm)	
	<b>Types</b>	Wax, wax/resin, resin	
	<b>Length</b>	1471' (450 m)	
	<b>Width</b>	1.18" Min. - 4.33" (30 mm - 110 mm) Max.	
<b>Printer Language</b>	<b>Ribbon Roll Diameter</b>	2.99" (76 mm)	
	<b>Core Diameter</b>	1" (25.4 mm)	
<b>Software</b>	<b>Printer Language</b>	EZPL, GEPL, GZPL auto switch	
	<b>Label Design Software</b>	QLabel-IV, GoLabel (for EZPL only)	
	<b>Driver</b>	Windows 2000, XP, Vista, 7, Windows Server 2003 & 2008	
<b>Resident Fonts</b>	<b>DLL</b>	Windows 2000, XP and Vista	
	<b>Bitmap Fonts</b>	6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable Bitmap fonts 8 times expandable in horizontal and vertical directions	
	<b>Scalable Fonts</b>	90°, 180°, 270° rotatable	
<b>Download Fonts</b>	<b>Bitmap Fonts</b>	90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable	
	<b>Asian Fonts</b>	90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions	
<b>Barcodes</b>	<b>Scalable Fonts</b>	90°, 180°, 270° rotatable	
	<b>1-D Bar Codes</b>	Code 39, Code 93, EAN 8 / 13 (add on 2 & 5), UPC A/E (add on 2 & 5), I 2 of 5 & I 2 of 5 with Shipping Bearer Bars, Codabar, Code 128 (subset A, B, C), EAN 128, RPS 128, UCC 128, UCC/EAN-128 K-Mart, Random Weight, Post NET, ITF 14, China Postal Code, HIBC, MSI, Plessey, Telepen, FIM, and GS1 DataBar	
<b>Code Pages</b>	<b>2-D Bar Codes</b>	PDF417, Datamatrix code, MaxiCode, QR code, Micro PDF417, Micro QR code and Aztec code	
		Codepage 437, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869, 737	
		Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257 Unicode (UTF8, UTF16)	
<b>Graphics</b>		Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software	
<b>Interfaces</b>		Serial port: RS-232 (DB-9)	
		USB port Ethernet 10/100Mbps print server	
<b>Control Panel</b>		Three mono-color LED indicators: Power on, Ribbon out, Media out	
		Control keys: FEED, PAUSE and CANCEL Calibration button	
<b>Power</b>		Auto Switching 100-240VAC, 50-60Hz	
<b>Real Time Clock</b>		Standard	
<b>Environment</b>	<b>Operation Temperature</b>	41°F to 104°F (5°C to 40°C)	
	<b>Storage Temperature</b>	-4°F to 122°F (-20°C to 50°C)	
<b>Humidity</b>	<b>Operation</b>	30-85%, non-condensing	
	<b>Storage</b>	10-90%, non-condensing	
<b>Agency Approvals</b>		CE(EMC), FCC Class A, CB, cUL, CCC	
<b>Dimension</b>	<b>Length</b>	20.15" (512 mm)	
	<b>Height</b>	11.45" (291 mm)	
	<b>Width</b>	10.78" (274 mm)	
<b>Weight</b>		33 lbs (15 Kg), excluding consumables	
<b>Options &amp; Accessories</b>		Cutter Module	
		Label Dispenser + Internal Rewinder	
		Parallel Port(IEEE1284)	
		Applicator Interface (1 input, 3 outputs, power 500mA @ 5V)	
		External label roll holder for 10" (250 mm) O.D. label rolls External label rewinder	

\* Specifications are subject to change without notice. All company and/or product names are trademarks and/or registered trademarks of their respective owners.  
 \*\* Minimum print height specification compliance can be dependent on non-standard material variables such as label type, thickness, spacing, liner construction, etc.  
 Godex is pleased to test non-standard materials for minimum height printing capability.