

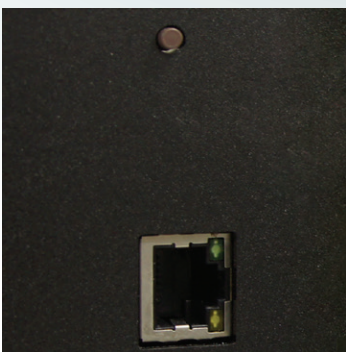


Industrial Printers

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 are important



Ethernet, Serial, USB port
and Auto Calibration
button included



Easy to change, low-cost
printhead assembly



All metal, industrial
enclosure and print
mechanism

EZ2050 / EZ2150 Printer Specification

2024-11-18

Model	EZ2050	EZ2150
Print Method	Thermal Transfer / Direct Thermal	
Resolution	203 dpi (8 dot/mm)	300 dpi (12 dots/mm)
Print Speed	6 IPS (152 mm/s)	4 IPS (102 mm/s)
Print Width	4.09" (104 mm)	
Print Length	Min. 0.16" (4 mm)**; Max. 100" (2540 mm)	Min. 0.16" (4 mm)**; Max. 45" (1143 mm)
Processor	32 Bit RISC CPU	
Memory	8 MB Flash (4 MB for user storage) ; 16 MB SDRAM	
Sensor Type	Adjustable reflective sensor and transmissive sensor, left aligned	
Media	Types : Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming Width : Min. 0.8" (20 mm) – 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) with 3" (76.2 mm) core Max. 6" (152.4 mm) with 1.5" (38.1 mm) core Core Diameter : 1.5" (38.1 mm), 3" (76.2 mm)	
Ribbon	Types : Wax, wax / resin, resin Length : 1476' (450 m) Width : 1.18" Min. - 4.33" (30 mm - 110 mm) Max. Ribbon Roll Diameter : 2.99" (76 mm) Core Diameter : 1" (25.4 mm)	
Printer Language	EZPL, GEPL, GZPL, GDPL auto switch	
Software	Label design software: GoLabel II (for EZPL only) (Windows) Management tools: GoTools (Windows / Android) \ GoUtility (Windows)	
Driver	Windows 7, Windows 8 & 8.1, Windows 10, Window11, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, MAC, Linux	
SDK	Win CE, .NET, 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	
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 2.0 (Type B) Serial port (RS232) Ethernet 10/100 Mbps	
Real Time Clock	Standard	
Control Panel	Three mono-color status-LEDs: Power on, Ribbon out, Media out Control keys: FEED, PAUSE and CANCEL Calibration button	
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 122°F (-20°C to 50°C)	
Humidity	Operation: 30-85%, non-condensing. Storage: 10-90%, non-condensing.	
Agency Approvals	CE(EMC), FCC Class A, cULus, CCC, BIS, UKCA, ICES-003 ***	
Dimension	Length: 512 mm (20.15") Width: 274 mm (10.78") Height: 291 mm (11.45")	
Weight	15 kg (33 lbs), excluding consumables	
Options	Cutter Module Label Dispenser + Internal Rewinder Parallel Port (IEEE1284) Applicator Interface (1 input, 3 outputs, power 500 mA @ 5V, for project base) 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 and maximum print speed 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 print height, and maximum print speed capability.

*** The safety certification marks may be different depending on sales regions.

Applications

Applications for Labels & Barcodes

EZ2050 / EZ2150 series is your best friend for getting the job done instantly.



Warehouses, Logistic & Transportation

Stack label, Product label, Postal slip
Storage management, Dispatch label,
Packaging label, Delivery receipt, etc.

Travel & Leisure

By barcoding your tickets, you can
track ticket sales and admittance,
as well as improve security at your
event.

Manufacturing

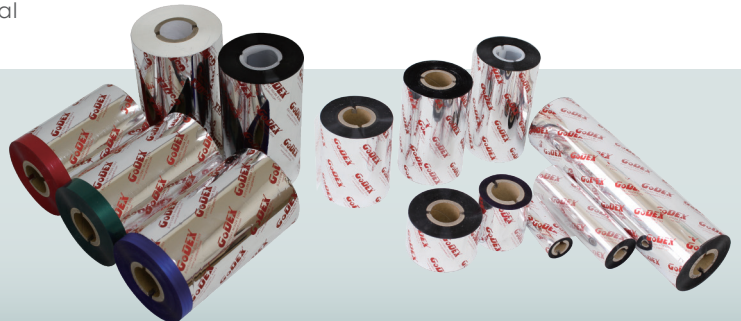
product label, manufacturing label,
exterior/pallet label, trade, stocking
and document management etc.

GoDEX RIBBONS

High quality original GoDEX thermal
transfer ribbons

GoDEX offers premium thermal transfer ribbons
that will fit most of your printing applications.

- Wax
- Wax/ Resin
- Resin
- Near Edge



GoDEX LABEL DESIGN SOFTWARE

GoLabel II Software /
User Friendly

GoLabel II is based on a WYSIWYG (what you see is
what you get) user interface, makes everything so
easy for you to create and print barcode labels.
GoLabel II is the first-choice label design software
that you can't miss it!

Go visit www.godexintl.com and download
GoLabel II to experience it !

GoLabel II Label design software

