



Desktop Printers

RT200i / RT230i

Mini Barcode Printer with Industrial Performance

The RT200i barcode printer is packed with performance enhancing features that makes it the most powerful 2" thermal transfer printer



Color TFT LCD and operation panel for easy and intuitive operation



Modern clam-shell design makes it simple to load labels



Ethernet, USB 2.0, Serial and USB host are standard features adding flexibility and power



Innovative "C" button makes label Calibration simple and fast



Model	RT200i	RT230i
Print Method	Thermal Transfer / Direct Thermal	
Resolution	203 dpi (8 dots/mm)	300 dpi (12 dots/mm)
Print Speed	7 IPS (177 mm/s)	5 IPS (127 mm/s)
Print Width	2.12" (54 mm)	2.24" (56.9 mm)
Print Length	Min. 0.12" (3 mm)** ; Max. 68" (1727 mm)	Min. 0.12" (3 mm)** ; Max. 30" (762 mm)
Processor	32 Bit RISC CPU	
Memory	8MB Flash (4MB for user storage) ; 16MB SDRAM	
Sensor Type	Adjustable reflective sensor (full range). Fixed transmissive sensor, central aligned	
Media	Types : Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming	
	Width : 0.6" (15 mm) Min. – 2.36" (60 mm) Max.	
	Thickness : Min. 0.0024" (0.06 mm) - Max. 0.008" (0.2 mm)	
	Label roll diameter : Max. 5" (127 mm) Core diameter : 1" (25.4 mm) , 1.5" (38.1 mm)	
Ribbon	Types: Wax, wax/resin, resin	
	Length: 360' (110 m)	
	Width: Min. 2.20" (56mm) – Max. 2.32" (59mm)	
	Ribbon roll diameter: 1.5" (38 mm) Core diameter: 0.5" (12.7 mm)	
Printer Language	EZPL, GEPL, GZPL, GDPL auto switch	
Software	Label design tool: GoLabel II (for EZPL only) (Windows)	
	Management tools: GoTools (Windows / Android) \ GoUtility (Windows)	
	Satin ribbon printing tool: GoRibbon (Windows)	
	APP: GoAPP (Android / iOS)	
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 & 5digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5 , Interleaved 2-of-5 (1 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 of5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart and Random Weight and Pharmacode	
	2-D Bar codes:	
Code Pages	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	
	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	
	USB Host (Type A)	
Real Time Clock	Standard	
Control Panel	Color TFT LCD with navigation button	
	Calibration button	
	Control key: FEED	
	Power on / off button	
Power	External auto switching power supply	
	Input: AC 100-240V, 50-60Hz	
	Output: DC 24V, 2.5A	
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, CB, cULus, CCC, BSMI, UKCA, ICES-003, KC, ENERGY STAR***	
Dimension	Length: 246 mm (9.69")	
	Width: 143 mm (5.63")	
	Height: 176 mm (6.93")	
Weight	2.0 kg (4.4 lbs), excluding consumables	
Options	Cutter module (Dealer Install)	
	Label dispenser (Dealer Install)	
	WiFi (IEEE 802.11 b/g/n) and BT (BLE 5.0) combo module (Dealer Install)	
	External label unwind stand 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

RT200i/RT230i series is your best friend for getting the job done instantly.



Retail

Price tags, content labels, receipts for registered mails, postage labels, etc.

Travel & Leisure

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

Special Materials

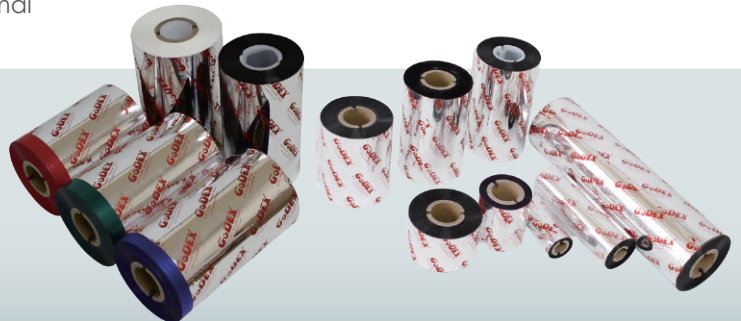
Most kinds of materials from banners, small components labeling, name plates, plastic tubes, plastic cards, cable labeling.

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

