Investigations

Clients

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

GODEX

COLUMBIA FRANCE MARQUAGE

energy ENERGY STAR

# RT200i/RT230i Series Printer Specifications

| 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<br>Width : 0.6" (15 mm) Min. – 2.36" (60 mm) Max.<br>Thickness :  Min. 0.0024" (0.06 mm) - Max. 0.008" (0.2 mm)<br>Label roll diameter : Max. 5" (127 mm)<br>Core diameter : 1" (25.4 mm) , 1.5" (38.1 mm) | |
| Ribbon | Types: Wax, wax/resin, resin<br>Length: 360' (110 m)<br>Width: Min. 2.20" (56mm) – Max. 2.32" (59mm)<br>Ribbon roll diameter: 1.5" (38 mm)<br>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)<br>Management tools: GoTools (Windows / Android)、GoUtility (Windows)<br>Satin ribbon printing tool: GoRibbon (Windows)<br>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<br>0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable<br>8 times expandable in horizontal and vertical directions<br>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<br>Asian fonts: 16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese(GB2312), Japanese(S-JIS), Korean (KS-X1001)<br>0°, 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions<br>TTF fonts: (Bold / Italic / Underline ). 0°,90°, 180°, 270° rotatable | |
| Barcodes | 1-D Bar codes:<br>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 (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 of5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart and Random Weight and Pharmacode<br>2-D Bar codes:<br>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<br>Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257<br>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)<br>Serial port (RS232)<br>Ethernet 10/100 Mbps<br>USB Host (Type A) | |
| Real Time Clock | Standard | |
| Control Panel | Color TFT LCD with navigation button<br>Calibration button<br>Control key: FEED<br>Power on / off button | |
| Power | External auto switching power supply<br>Input: AC 100-240V, 50-60Hz<br>Output: DC 24V, 2.5A | |
| Environment | Operation temperature: 41°F to 104°F (5°C to 40°C)<br>Storage temperature: -4°F to 122°F (-20°C to 50°C) | |
| Humidity | Operation: 30-85%, non-condensing.<br>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")<br>Width: 143 mm (5.63")<br>Height: 176 mm (6.93") | |
| Weight | 2.0 kg (4.4 lbs), excluding consumables | |
| Options | Cutter module (Dealer Install)<br>Label dispenser (Dealer Install)<br>WiFi (IEEE 802.11 b/g/n) and BT (BLE 5.0) combo module (Dealer Install)<br>External label unwind stand<br>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.