



TX210 Series Desktop Barcode Printer

An Advanced Printer You Can Rely On

The TX210 series is comprised of high-performance desktop label printers designed to handle a wide variety of applications ranging from high-volume shipping label production to safety signage and fine-jewelry label printing.

The TX210 series features a user friendly design, media and ribbons are easy to install. The printers use a large 300 meter ribbon supply on a one inch core that saves both time and money. The TX210 Series can print at super-fast print speeds up to 8-inches per second with an easy-to-read multi-icon LED display (standard) and available in a color LCD display.

Supports more applications in its class including standalone, high-resolution 600 dpi product marking and graphics, and specialized electronics label marking applications. The TX210 series with built-in Ethernet or optional 802.11 a/b/g/n/ac Wi-Fi paired with SOTI Connect and TSC Console remote printer management increases your level of productivity and efficiency.

Key Features



Dynamic Remote Printer Management

- Supports SOTI Connect through either Ethernet or Wi-Fi
- Powerful TSC Console for printer management



Rugged Design

- Rugged design with solid double wall housing structure, ADF hinge and industrial-grade hybrid motor ensures stable media path for outstanding print quality and accuracy



Multi-Connectivity

- Wi-Fi enterprise certified 802.11 a/b/g/n/ac with Bluetooth 4.2 combo module
- MFi certified Bluetooth 5.0



Easy-to-Use UI

- LED icon panel with large status icons
- View angle adjustable 3.5" color LCD display
- Automatic centering label holder for 5" OD media roll with 1" or 1.5" core
- Enhanced ribbon stop mechanism prevents ribbon rewind issues when top cover is opened



Advanced TPH Mechanism

- Heat line adjustment mechanism supports various media types
- Self-Diagnostic TPH Care scans and detects printhead bad dots in real-time

Applications



Manufacturing

- Product Marking
- Compliance Labeling
- Inventory Control



Transportation and Logistics

- Shipping Label
- Receiving Label



Healthcare

- Specimen Labeling
- Pharmacy Labeling
- Patient Tracking

TX210 Series | Data Sheet

| Model | TX210 | TX310 | TX610 |
|--|---|-----------------------------|--|
| Resolution | 8 dots/mm (203 DPI) | 12 dots/mm (300 DPI) | 24 dots/mm (600 DPI) |
| Printing method | Thermal Transfer & Direct Thermal | | |
| Max. print speed | 203 mm (8")/second | 152 mm (6")/second | 102 mm (4")/second |
| Max. print width | 108 mm (4.25") | 106 mm (4.17") | 106 mm (4.17") |
| Max. print length | 25,400 mm (1000") | 11,430 mm (450") | 2540 mm (100") |
| Enclosure | Clamshell with double-walled plastic | | |
| Physical dimension | 226 mm (W) x 198 mm (H) x 332 mm (D) 8.90" (W) x 7.80" (H) x 13.07" (D) | | 226 mm (W) x 200 mm (H) x 332 mm (D) 8.90" (W) x 7.87" (H) x 13.07" (D) |
| Weight | 3.75 kg (8.27 lbs) | | 4.08 kg (8.99 lbs) |
| Label roll capacity | 127 mm (5") OD | | |
| Ribbon | 300 m long, max. OD 67 mm, 1" core (ink coated outside) | | |
| Ribbon width | 40 mm ~ 110 mm (1.6" ~ 4.3") | | |
| Processor | 32-bit RISC CPU | | |
| Memory | <ul style="list-style-type: none"> • 128 MB Flash memory • 128 MB SDRAM • microSD card reader for Flash memory expansion, up to 32 GB | | |
| Interface | <ul style="list-style-type: none"> • USB 2.0 • RS-232 • USB Host • Internal Ethernet, 10/100 Mbps • Centronics (factory option) • 802.11 a/b/g/n/ac Wi-Fi with Bluetooth 4.2 combo module (dealer option) • MFi Bluetooth 5.0 (factory option) | | |
| Power | External universal switching power supply <ul style="list-style-type: none"> • Input: AC 100-240V, 2.5A, 50-60Hz • Output: DC 24V, 3.75A, 90W | | External universal switching power supply <ul style="list-style-type: none"> • Input: AC 100-240V, 2.5A, 50-60Hz • Output: DC 24V, 5.41A, 130W |
| Operation switch, button, LED/LCD | <ul style="list-style-type: none"> • 1 power switch • 1 feed/pause button • LED panel with 8 big icons | | <ul style="list-style-type: none"> • 1 power switch • 6 operation buttons • 3.5" color TFT display, 320 x 240 pixel |
| Sensors | <ul style="list-style-type: none"> • Transmissive gap sensor • Black mark reflective sensor (position adjustable) • Ribbon encode sensor • Head open sensor | | <ul style="list-style-type: none"> • Transmissive gap sensor • Black mark reflective sensor (position adjustable) • Ribbon end sensor • Ribbon encode sensor • Head open sensor |
| Real time clock | Dealer option | | Standard |
| Internal font | <ul style="list-style-type: none"> • 8 alpha-numeric bitmap fonts • Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font | | |
| Bar code | <ul style="list-style-type: none"> • 1D bar code Code 39, Code 93, Code128UCC, Code128 subsets A,B,C, Codabar, Interleaved 2 of 5, EAN 8, EAN 13, EAN 128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China post, ITF14, EAN14, Code 11, TELEPEN, TELEPEN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS • 2D bar code TLC39, CODABLOCK F mode, PDF-417, Maxicode, DataMatrix, QR code, Aztec, Micro PDF 417, GS1 DataBar (RSS barcode) | | |
| Font and barcode rotation | 0, 90, 180, 270 degree | | |
| Printer language | TSPL-EZD (Compatible to EPL, ZPL, ZPL II, DPL) | | |
| Media type | Continuous, die-cut, black mark, fan-fold, notch (outside wound) | | |
| Media width | 19 ~ 112 mm (0.75" ~ 4.4") | | |
| Media thickness | 0.055 ~ 0.254 mm (2.17 ~ 10 mil) | | |
| Media core diameter | 25.4 ~ 38.1 mm (1" ~ 1.5") | | |
| Label length | 3 ~ 25,400 mm (0.1" ~ 1,000") | 3 ~ 11,430 mm (0.1" ~ 450") | 3 ~ 2,540 mm (0.1" ~ 100") |
| Environment condition | Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10 ~ 90% non-condensing | | |
| Safety regulation | FCC Class B, CE Class B, RCM, UL, cUL, TÜV/Safety, CCC, BIS, EAC, ENERGY STAR® | | |
| Environmental concern | Comply with RoHS, WEEE | | |
| Accessories | <ul style="list-style-type: none"> • Quick start guide • USB cable • Power cord • External universal switching power supply • Windows labeling software CD disk | | |
| Limited warranty | <ul style="list-style-type: none"> • Printer: 2 years • Print head: 25 km (1 million inches) or 12 months which comes first • Platen: 50 km (2 million inches) or 12 months which comes first | | |
| Factory options | <ul style="list-style-type: none"> • Centronics parallel interface • 3.5" color TFT display (includes real time clock) • Ribbon end sensor • MFi Bluetooth 5.0 | | <ul style="list-style-type: none"> • Centronics parallel interface • MFi Bluetooth 5.0 |
| Dealer options | <ul style="list-style-type: none"> • Real time clock • Peel-off module • Guillotine cutter (full cut) • 802.11 a/b/g/n/ac Wi-Fi with Bluetooth 4.2 combo module | | |
| User options | <ul style="list-style-type: none"> • External label roll mount • KP-200 Plus keyboard display unit | | |



Product models and specifications are subject to change without notice.



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