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-jewellery 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 colour 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

Model	TX210	TX310	TX610
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)	24 dots/mm (600 DPI)
Printing method	Thermal Transfer and 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	• 128 MB Flash memory • 128 MB SDRAM • microSD card reader for Flash memory expansion, up to 32 GB		
Interface	• 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 • Input: AC 100-240V, 2.5A, 50-60Hz • Output: DC 24V, 3.75A, 90W		External universal switching power supply • Input: AC 100-240V, 2.5A, 50-60Hz • Output: DC 24V, 5.41A, 130W
Operation switch, button, LED/LCD	• 1 power switch • 1 feed/pause button • LED panel with 8 big icons		• 1 power switch • 6 operation buttons • 3.5" color TFT display, 320 x 240 pixel
Sensors	• Transmissive gap sensor • Black mark reflective sensor (position adjustable) • Ribbon encode sensor • Head open sensor		• 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	• 8 alpha-numeric bitmap fonts • Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font		
Bar code	• 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, TELE-PENN, 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	• Quick start guide • USB cable • Power cord • External universal switching power supply • Windows labeling software CD disk		
Limited warranty	• 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	• Centronics parallel interface • 3.5" color TFT display (includes real time clock) • Ribbon end sensor • MFi Bluetooth 5.0		• Centronics parallel interface • MFi Bluetooth 5.0
Dealer options	• 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	• External label roll mount • KP-200 Plus keyboard display unit		

Product models and specifications are subject to change without notice.

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