TSC
The Smarter Choice.

TA210 SERIES – Desktop Thermal Transfer Bar Code Printer
SUPERIOR, FAST, AFFORDABLE PERFORMANCE

KEY FEATURES

- Dual-motor gear driven design

- 127 mm (5") inches per second print speed

- 300 meter (984') ribbon supply on a 25.4 mm (1") core (coated side out)

- 127 mm (5") OD internal media supply, optional external media holder supports 214 mm (8.4") OD label rolls on 76.2 mm (3") core

- Print mechanism for kiosk applications

- 200 MHz 32-bit RISC processor with 8 MB SDRAM, 4 MB Flash memory

- USB 2.0

- Internally scalable true type fonts

- TSPL-EZ™ firmware emulates TPLE and TPLZ languages out of the box

- Free bundled labeling software and Windows drivers

- All TSC printers feature an industry best 2 year limited warranty

- ENERGY STAR® qualified

APPLICATIONS

- **Manufacturing & Warehousing**
  - Work in Progress
  - Item Labels
  - Instruction Labels
  - Agency Labels

- **Healthcare**
  - Patient Identification
  - Pharmacy
  - Specimen Identification

- **Parcel Post**
  - Shipping Labels
  - Receiving Labels

- **Small/Home Office**

- **Retail Marking**
  - Price Tags
  - Shelf Labels
  - Jewelry Tags

TA210 SERIES – Desktop Thermal Transfer Bar Code Printer

PRINTER MODEL	TA210	TA310
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)
Printing method	Thermal Transfer & Direct Thermal	
Max. print speed	127 mm (5")/second	102 mm (4")/second
Max. print width	108 mm (4.25")	104 mm (4.09")
Max. print length	2,794 mm (110")	1,016 mm (40")
Enclosure	ABS plastic	
Physical dimension	224 mm (W) x 186 mm (H) x 294 mm (D) 8.82" (W) x 7.32" (H) x 11.57" (D)	
Weight	2.45 kg (5.4 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	• 4 MB Flash memory • 8 MB SDRAM • microSD card reader for Flash memory expansion, up to 4 GB	
Interface	• USB 2.0 • RS-232 (factory option) • Centronics (factory option) • Internal Ethernet, 10/100 Mbps (factory option) • Bluethooth (user option) • External 802.11 b/g/n wireless (user option)	
Power	External universal switching power supply • Input: AC 100-240V, 1.8A, 50-60Hz • Output: DC 24V, 2.5A, 60W	
Operation switch, button, LED	1 power switch, 1 feed button & 1 LED (3 colors: green, amber & red)	
Sensors	• Transmissive gap sensor (position adjustable) • Black mark reflective sensor (position adjustable) • Ribbon end sensor • Head open sensor	
Real Time Clock	Standard	
Internal fonts	• 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, Code 128UCC, Code 128 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, GS1 DataBar, Code 11 • 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec, GS1 DataBar Composite Code	
Font and barcode rotation	0, 90, 180, 270 degree	
Printer language	TSPL-EZ™ (Compatible to EPL, ZPL, ZPL II)	
Media type	Continuous, die-cut, black mark, fan-fold, notched (outside/inside wound)	
Media width	25.4 ~ 118 mm (1.0" ~ 4.6")	
Media thickness	0.06 ~ 0.254 mm (2.36 ~ 10 mil)	
Media core diameter	25.4 ~ 38 mm (1" ~ 1.5")	
Label length	10 ~ 2,794 mm (0.39" ~ 110")	10 ~ 1,016 mm (0.39" ~ 40")
Environment condition	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10 ~ 90% non-condensing	
Safety regulation	FCC Class A, CE Class A, CCC, ENERGY STAR®	
Environmental concern	Comply with RoHS, WEEE	
Accessories	• Windows labeling software CD disk • Quick start guide • USB cable • Power cord • External universal switching power supply • Label spindle, fixing tab x 2 • Ribbon spindle x 2 • Ribbon paper core	
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	• RS-232 serial interface • 128 x 64 pixels graphic type LCD display with back light • Centronics parallel interface • Internal Ethernet interface (10/100 Mbps)	
Dealer options	• Peel-off module • Guillotine cutter (full cut or partial cut)	
User options	• External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core • Bluetooth module (serial interface) • 802.11 b/g/n wireless module (serial interface) • 1.5" core adapter x 2 • KP-200 Plus keyboard display unit • KU-007 Plus programmable smart keyboard	

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