

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	<ul style="list-style-type: none"> • 4 MB Flash memory • 8 MB SDRAM • microSD card reader for Flash memory expansion, up to 4 GB 	
Interface	<ul style="list-style-type: none"> • USB 2.0 • RS-232 (factory option) • Centronics (factory option) • Internal Ethernet, 10/100 Mbps (factory option) • Bluetooth (user option) • External 802.11 b/g/n wireless (user option) 	
Power	External universal switching power supply <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Transmissive gap sensor (position adjustable) • Black mark reflective sensor (position adjustable) • Ribbon end sensor • Head open sensor 	
Real Time Clock	Standard	
Internal fonts	<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, 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	<ul style="list-style-type: none"> • 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	<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"> • 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	<ul style="list-style-type: none"> • Peel-off module • Guillotine cutter (full cut or partial cut) • 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) 	
User options	<ul style="list-style-type: none"> • 1.5" core adapter x 2 • KP-200 Plus keyboard display unit • KU-007 Plus programmable smart keyboard 	



CORPORATE HEADQUARTERS

TSC Auto ID Technology Co., Ltd.
Tel: +886 2 2218 6789
E-mail: apac_sales@tscprinters.com

LI ZE PLANT

TSC Auto ID Technology Co., Ltd.
Tel: +886 3 990 6677
E-mail: apac_sales@tscprinters.com

AMERICAS

TSC Auto ID Technology America Inc. Corporate Office
Tel: +1 909 612 9606
E-mail: americas_sales@tscprinters.com

Orlando Office

Tel: +1 407 704 8918
E-mail: americas_sales@tscprinters.com

CANADA

TSC Auto ID Technology America Inc.
Tel: +1 909 612 9606
E-mail: americas_sales@tscprinters.com

MEXICO

TSC Mexico Representative Office
Tel: +52 (33) 3836 6682
E-mail: americas_sales@tscprinters.com

BRAZIL

TSC Brazil Representative Office
Tel: +55 (11) 9597 8098
E-mail: americas_sales@tscprinters.com

EMEA

TSC Auto ID Technology EMEA GmbH
Tel: +49 (0) 8106 37979 00
E-mail: emea_sales@tscprinters.com

RUSSIA

TSC Auto ID Technology EMEA GmbH
Tel: +7 915 422 8889
E-mail: emea_sales@tscprinters.com

MIDDLE EAST

TSC Auto ID Technology ME Ltd, FZE
Tel: +971 4 2533 069
E-mail: emea_sales@tscprinters.com

ASIA PACIFIC

TSC Auto ID Technology Co., Ltd.
Tel: +886 2 2218 6789
E-mail: apac_sales@tscprinters.com

CHINA

Tianjin TSC Auto ID Technology Co., Ltd.
Tel: +86 22 5981 6661
E-mail: apac_sales@tscprinters.com



TSC® is a trademark of TSC Auto ID Technology Co., Ltd.
TSC Auto ID Technology Co., Ltd. is an ISO 9001/14001 registered company.
© 2015 TSC Auto ID Technology Co., Ltd.
Product models and Specifications are subject to change without notice.
Contact your TSC sales representative for specific information.