

# 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)<br>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"> <li>• 4 MB Flash memory</li> <li>• 8 MB SDRAM</li> <li>• microSD card reader for Flash memory expansion, up to 4 GB</li> </ul>  |                             |
| Interface                     | <ul style="list-style-type: none"> <li>• USB 2.0</li> <li>• RS-232 (factory option)</li> <li>• Centronics (factory option)</li> <li>• Internal Ethernet, 10/100 Mbps (factory option)</li> <li>• Bluetooth (user option)</li> <li>• External 802.11 b/g/n wireless (user option)</li> </ul>  |                             |
| Power                         | External universal switching power supply<br><ul style="list-style-type: none"> <li>• Input: AC 100-240V, 1.8A, 50-60Hz</li> <li>• Output: DC 24V, 2.5A, 60W</li> </ul>  |                             |
| Operation switch, button, LED | 1 power switch, 1 feed button & 1 LED (3 colors: green, amber & red)   |                             |
| Sensors                       | <ul style="list-style-type: none"> <li>• Transmissive gap sensor (position adjustable)</li> <li>• Black mark reflective sensor (position adjustable)</li> <li>• Ribbon end sensor</li> <li>• Head open sensor</li> </ul>   |                             |
| Real Time Clock               | Standard   |                             |
| Internal fonts                | <ul style="list-style-type: none"> <li>• 8 alpha-numeric bitmap fonts</li> <li>• Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> </ul>   |                             |
| Bar code                      | <ul style="list-style-type: none"> <li>• 1D bar code<br/>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</li> <li>• 2D bar code<br/>PDF-417, Maxicode, DataMatrix, QR code, Aztec, GS1 DataBar Composite Code</li> </ul> |                             |
| 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<br>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"> <li>• Windows labeling software CD disk</li> <li>• Quick start guide</li> <li>• USB cable</li> <li>• Power cord</li> <li>• External universal switching power supply</li> <li>• Label spindle, fixing tab x 2</li> <li>• Ribbon spindle x 2</li> <li>• Ribbon paper core</li> </ul>   |                             |
| Limited warranty              | <ul style="list-style-type: none"> <li>• Printer: 2 years</li> <li>• Print head: 25 km (1 million inches) or 12 months which comes first</li> <li>• Platen: 50 km (2 million inches) or 12 months which comes first</li> </ul>   |                             |
| Factory options               | <ul style="list-style-type: none"> <li>• RS-232 serial interface</li> <li>• 128 x 64 pixels graphic type LCD display with back light</li> <li>• Centronics parallel interface</li> <li>• Internal Ethernet interface (10/100 Mbps)</li> </ul>  |                             |
| Dealer options                | <ul style="list-style-type: none"> <li>• Peel-off module</li> <li>• Guillotine cutter (full cut or partial cut)</li> <li>• External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core</li> <li>• Bluetooth module (serial interface)</li> <li>• 802.11 b/g/n wireless module (serial interface)</li> </ul>  |                             |
| User options                  | <ul style="list-style-type: none"> <li>• 1.5" core adapter x 2</li> <li>• KP-200 Plus keyboard display unit</li> <li>• KU-007 Plus programmable smart keyboard</li> </ul>  |                             |



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