

# TSC

The Smarter Choice.



## DA210/DA220 SERIES – Desktop Direct Thermal Bar Code Printer

### COMPACT DESIGN

### AFFORDABLE TOTAL COST OF OWNERSHIP



#### KEY FEATURES

- High quality double-walled clamshell design
- 6 inches per second print speed
- 64 MB DRAM and 128 MB Flash memory (DA220/DA320)
- Easy media loading
- USB 2.0 (High speed mode)
- Versatile TSPL-EZD firmware emulates Eltron®, Zebra® and Datamax languages out of the box
- Bluetooth 4.0
- 802.11 a/b/g/n (DA220/DA320)
- ENERGY STAR® qualified
- Linerless solution

#### APPLICATIONS

- Small Parcel Shipping
- Mail Room Address and Routing Labels
- Shipping & Receiving
- Entertainment and Transportation Ticketing
- Retail Point-of-Sale
- File-Folder Labeling

# DA210/DA220 SERIES – Desktop Direct Thermal Bar Code Printer

| PRINTER MODEL                 | DA210   | DA310                          | DA220  | DA320                            |
|-------------------------------|---|--------------------------------|--|----------------------------------|
| Resolution                    | 8 dots/mm (203 DPI)   | 12 dots/mm (300 DPI)           | 8 dots/mm (203 DPI)  | 12 dots/mm (300 DPI)             |
| Printing method               | Direct Thermal  |                                |  |                                  |
| Max. print speed              | 152.4 mm (6")/second  | 102 mm (4")/second             | 152.4 mm (6")/second   | 102 mm (4")/second               |
| Max. print width              | 108 mm (4.25")  | 105.7 mm (4.16")               | 108 mm (4.25")   | 105.7 mm (4.16")                 |
| Max. print length             | 2,794 mm (110")   | 1,016 mm (40")                 | 25,400 mm (1000")  | 11,430 mm (450")                 |
| Enclosure                     | Double-walled plastic   |                                |  |                                  |
| Physical dimension            | 172 mm (W) x 165 mm (H) x 195 mm (D)<br>6.77" (W) x 6.50" (H) x 7.68" (D)   |                                |  |                                  |
| Weight                        | 1.5 kg (3.31 lbs)   |                                |  |                                  |
| Label roll capacity           | 127 mm (5") OD  |                                |  |                                  |
| Processor                     | 32-bit RISC CPU   |                                |  |                                  |
| Memory                        | <ul style="list-style-type: none"> <li>• 8 MB Flash memory</li> <li>• 16 MB DRAM</li> </ul>   |                                | <ul style="list-style-type: none"> <li>• 128 MB Flash memory</li> <li>• 64 MB DRAM</li> </ul>  |                                  |
| Interface                     | <ul style="list-style-type: none"> <li>• USB 2.0 (High speed mode)</li> <li>• Internal Bluetooth (factory option)</li> </ul>  |                                | <ul style="list-style-type: none"> <li>• PCBA1: USB 2.0 high speed mode, USB Host, RS-232 and Ethernet (standard)</li> <li>• PCBA2: USB 2.0 and Ethernet (factory option)</li> <li>• Internal 802.11 a/b/g/n wireless (factory option)</li> <li>• Internal Bluetooth (factory option)</li> </ul> |                                  |
| Power                         | External universal switching power supply<br><ul style="list-style-type: none"> <li>• Input: AC 100-240V, 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</li> <li>• Black mark reflective sensor</li> <li>• Head open sensor</li> </ul>   |                                |  |                                  |
| 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, Code128UCC, Code128 subsets A,B,C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, RSS-Stacked, GS1 DataBar, Code 11, China Post</li> <li>• 2D bar code<br/>PDF-417, Maxicode, DataMatrix, QR code, Aztec, MicroPDF417</li> </ul> |                                |  |                                  |
| Font and barcode rotation     | 0, 90, 180, 270 degree  |                                |  |                                  |
| Printer language              | TSPL-EZD (Compatible to EPL, ZPL, ZPL II, DPL)  |                                |  |                                  |
| Media type                    | Continuous, black mark, fan-fold, notched (outside wound)   |                                |  |                                  |
| Media width                   | 19 ~ 114 mm (0.7" ~ 4.5")   |                                |  |                                  |
| Media thickness               | 0.055 ~ 0.19 mm (2.16 ~ 7.48 mil)   |                                |  |                                  |
| Media core diameter           | 25.4 ~ 38 mm (1" ~ 1.5")  |                                |  |                                  |
| Label length                  | 10 ~ 2,794 mm<br>(0.39" ~ 110")   | 10 ~ 1,016 mm<br>(0.39" ~ 40") | 10 ~ 25,400 mm<br>(0.39" ~ 1000")  | 10 ~ 11,430 mm<br>(0.39" ~ 450") |
| 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, RCM, CB, CCC, ENERGY STAR®, KC, BIS, UL, EAC   |                                |  |                                  |
| 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> </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>• Internal Bluetooth</li> </ul>  |                                | <ul style="list-style-type: none"> <li>• Real Time Clock</li> <li>• Internal 802.11 a/b/g/n wireless</li> <li>• Internal Bluetooth</li> <li>• PCBA2: USB2.0 and Ethernet</li> </ul>  |                                  |
| Dealer options                | N/A   |                                | <ul style="list-style-type: none"> <li>• Peel-off module</li> <li>• Guillotine cutter (full cut or partial cut)</li> <li>• Linerless with cutter</li> <li>• Linerless with tear</li> </ul>   |                                  |
| User options                  | <ul style="list-style-type: none"> <li>• 1.5" adaptor for 1.5" paper core</li> <li>• External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core</li> </ul>   |                                | <ul style="list-style-type: none"> <li>• 1.5" adaptor for 1.5" paper core</li> <li>• External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core</li> <li>• KP-200 Plus keyboard display unit (serial interface)</li> </ul>  |                                  |



## 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.  
Tel: +1 657 258 0808  
E-mail: americas\_sales@tscprinters.com

## MEXICO

TSC Mexico Representative Office  
Tel: +1 52 (33) 3673 1406  
E-mail: americas\_sales@tscprinters.com

## BRAZIL

TSC Brazil Representative Office  
Tel: +55 (11) 3554 7225  
E-mail: americas\_sales@tscprinters.com

## EMEA

TSC Auto ID Technology EMEA GmbH  
Tel: +49 (0) 8106 37979 000  
E-mail: emea\_sales@tscprinters.com

## RUSSIA

TSC Auto ID Technology EMEA GmbH  
Tel: +7 495 646 3538  
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

## INDIA

TSC India Distributor's Office  
Tel: +91 2249 679 315  
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

## KOREA

TSC Korea Representative Office  
Tel: +82 2 852 3322  
E-mail: apac\_sales@tscprinters.com

