

# 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

#### 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) 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 Modus, USB Host, RS-232 und Ethernet (Standard)</li> <li>• PCBA2: USB 2.0 und Ethernet (factory option)</li> <li>• Internal 802.11 a/b/g/n wireless (factory option)</li> <li>• Internal Bluetooth (factory option)</li> <li>• External Bluetooth (user option)</li> </ul>	
Power	External universal switching power supply <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 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 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 (0.39" ~ 110")	10 ~ 1,016 mm (0.39" ~ 40")	10 ~ 25,400 mm (0.39" ~ 1000")	10 ~ 11,430 mm (0.39" ~ 450")
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, RCM, EAC, CB, CCC, KC, BIS, UL, 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> </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>• PCBA2: USB2.0 and Ethernet</li> <li>• Internal 802.11 a/b/g/n wireless</li> <li>• Internal Bluetooth</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> </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. 214mm (8.4") with 76.2 mm (3") core</li> <li>• External Bluetooth module (serial interface)</li> <li>• KP-200 Plus keyboard display unit (serial interface)</li> <li>• KU-007 Plus programmable smart keyboard (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: +52 (33) 3165 7379  
E-mail: americas\_sales@tscprinters.com

## BRAZIL

**TSC Brazil Representative Office**  
Tel: +55 (11) 99597 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: +7 495 249 9017  
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 Representative Office**  
Tel: +91 2267 082 465  
E-mail: apac\_sales@tscprinters.com

## KOREA

**TSC Korea Representative Office**  
Tel: +82 2 852 3322  
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.  
© 2017 TSC Auto ID Technology Co., Ltd.  
Product models and Specifications are subject to change without notice.  
Contact your TSC sales representative for specific information.