

# 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 SDRAM and 128 MB Flash memory (DA220/DA320)
- Easy media loading
- USB 2.0 (High speed mode)
- TSPL-EZ firmware emulates Eltron® and Zebra® 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	2,286 mm (90")			
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 SDRAM</li> </ul>		<ul style="list-style-type: none"> <li>• 128 MB Flash memory</li> <li>• 64 MB SDRAM</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>• USB 2.0 (High speed mode)</li> <li>• RS-232 (factory option)</li> <li>• Internal Ethernet, 10/100 Mbps (factory option)</li> <li>• USB host, for scanner or PC keyboard (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> <li>• 1D bar code</li> </ul>			
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 <ul style="list-style-type: none"> <li>• 2D bar code</li> <li>• PDF-417, Maxicode, DataMatrix, QR code, Aztec, MicroPDF417</li> </ul>			
Font and barcode rotation	0, 90, 180, 270 degree			
Printer language	TSPL-EZ (Compatible to EPL, ZPL, ZPL II)			
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 ~ 2,286 mm (0.39" ~ 90")			
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, CB, CCC, ENERGY STAR®, KC, BIS, UL			
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> <li>• Internal Bluetooth</li> </ul>			
Factory options			<ul style="list-style-type: none"> <li>• USB host, for scanner or PC keyboard</li> <li>• Real Time Clock</li> <li>• Internal Ethernet, 10/100 Mbps</li> <li>• Internal 802.11 a/b/g/n wireless</li> <li>• Internal Bluetooth</li> <li>• RS-232 serial interface</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>• External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core</li> </ul>		<ul style="list-style-type: none"> <li>• External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core</li> <li>• External Bluetooth module (serial interface)</li> <li>• KP-200 Plus keyboard display unit</li> <li>• KU-007 Plus programmable smart keyboard</li> </ul>	



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