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

TECHSPAN INDUSTRIAL PRINTING SYSTEMS
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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	• 8 MB Flash memory • 16 MB DRAM		• 128 MB Flash memory • 64 MB DRAM	
Interface	• USB 2.0 (High speed mode) • Internal Bluetooth (factory option)		• PCBA1: USB 2.0 high speed mode, USB Host, RS-232 and Ethernet (standard) • PCBA2: USB 2.0 and Ethernet (factory option) • Internal 802.11 a/b/g/n wireless (factory option) • Internal Bluetooth (factory option)	
Power	External universal switching power supply • Input: AC 100-240V, 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	• Transmissive gap sensor • Black mark reflective sensor • Head open sensor			
Internal fonts	• 8 alpha-numeric bitmap fonts • Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font			
Bar code	• 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 • 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec, MicroPDF417			
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) continuous linerless label (for linerless cutter kit only)			
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, CB, CCC, ENERGY STAR®, KC, BIS, UL, EAC			
Environmental concern	Comply with RoHS, WEEE			
Accessories	• Windows labeling software CD disk • Quick start guide • USB cable • Power cord • External universal switching power supply			
Limited warranty	• 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	• Internal Bluetooth		• Real Time Clock • Internal 802.11 a/b/g/n wireless • Internal Bluetooth • PCBA2: USB2.0 and Ethernet	
Dealer options	N/A		• Peel-off module • Guillotine cutter (full cut or partial cut) • Linerless cutter kit	
User options	• 1.5" adaptor for 1.5" paper core • External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core		• 1.5" adaptor for 1.5" paper core • External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core • KU-007 Plus programmable smart keyboard (serial interface)	



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ENERGY STAR

Bluetooth®

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