

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) 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"> • 8 MB Flash memory • 16 MB DRAM 		<ul style="list-style-type: none"> • 128 MB Flash memory • 64 MB DRAM 	
Interface	<ul style="list-style-type: none"> • USB 2.0 (High speed mode) • Internal Bluetooth (factory option) 		<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Transmissive gap sensor • Black mark reflective sensor • Head open sensor 			
Internal fonts	<ul style="list-style-type: none"> • 8 alpha-numeric bitmap fonts • Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font 			
Bar code	<ul style="list-style-type: none"> • 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)			
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	<ul style="list-style-type: none"> • Windows labeling software CD disk • Quick start guide • USB cable • Power cord • External universal switching power supply 			
Limited warranty	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Internal Bluetooth 		<ul style="list-style-type: none"> • Real Time Clock • Internal 802.11 a/b/g/n wireless • Internal Bluetooth • PCBA2: USB2.0 and Ethernet 	
Dealer options	N/A		<ul style="list-style-type: none"> • Peel-off module • Guillotine cutter (full cut or partial cut) • Linerless with cutter • Linerless with tear 	
User options	<ul style="list-style-type: none"> • 1.5" adaptor for 1.5" paper core • External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core 		<ul style="list-style-type: none"> • 1.5" adaptor for 1.5" paper core • External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core • KP-200 Plus keyboard display unit (serial interface) 	



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- IEC 60601-1 compliant power supply

APPLICATIONS

- Specimen Labeling
- Pharmacy Labeling
- Patient Tracking

DA220 SERIES – Desktop Direct Thermal Bar Code Printer

PRINTER MODEL	DA220	DA320
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)
Printing method	Direct Thermal	
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Max. print length	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"> • 128 MB Flash memory • 64 MB DRAM 	
Interface	<ul style="list-style-type: none"> • PCBA1: USB 2.0 high speed mode, USB Host, RS-232 and Ethernet (standard) • PCBA2: USB 2.0 and Ethernet (factory option) 	
Power	IEC 60601-1 compliant power supply <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Transmissive gap sensor • Black mark reflective sensor • Head open sensor 	
Internal fonts	<ul style="list-style-type: none"> • 8 alpha-numeric bitmap fonts • Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font 	
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Label length	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, CB, TÜV/Safety	
Environmental concern	Comply with RoHS, WEEE	
Accessories	<ul style="list-style-type: none"> • Windows labeling software CD disk • Quick start guide • USB cable • Power cord • IEC 60601-1 compliant power supply 	
Limited warranty	<ul style="list-style-type: none"> • 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	PCBA2: USB2.0 and Ethernet	
Dealer options	<ul style="list-style-type: none"> • Peel-off module • Guillotine cutter (full cut or partial cut) 	
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