



A GLOBAL BRAND, MADE IN INDIA.

BP4210i/BP4308i

Industrial Barcode Printer



PRODUCT FEATURES

- Delivers high-speed printing (4210i - 10ips, 4308i - 8ips)
- Precisely peels labels as small as 5 mm, ideal for compact labeling applications
- Independent peeling and rewinding mechanisms ensure seamless installation and operation
- Supports EAP authentication and is expandable with WiFi 5/WiFi 6 modules for flexible network connectivity
- Enables advanced system integration through GPIO interface expansion
- Equipped with a 2.4" LCD display and a rugged all-metal enclosure for durability in demanding environments
- 256 MB Flash / 128 MB RAM for smooth performance



FOR TECHNICAL SUPPORT
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www.boxp.in

Specifications

Product Model	BP4210i	BP4308i
Printing method	Direct Thermal and Thermal Transfer	
Resolution	203 dpi	300 dpi
Max. print speed	10ips	8ips
Max. print length	1000mm	750mm
Max. print width	4.1" (104 mm)	4.17" (106 mm)
Physical dimension(W x H x D)	10.16"(258 mm) x 11.30"(287 mm) x 15.98"(406 mm)	
Weight	28 lbs(12.5 kg)	
Box dimension (W x L x H)	54cm x 45cm x 43cm	
Processor	32-bit RISC CPU	
Memory	256 MB Flash / 128 MB RAM	
Interface	Standard: Serial RS232, USB-B, USB Host,Bluetooth 5.0 and Ethernet 10/100 Base T Optional: Wi-Fi802.11a/b/g/n/ac/ax	
WiFi security encryption	WEP 40/128bit, WPA Personal (PSK), WPA2 Personal (PSK) Enterprise (AES CCMP)	
WiFi security authentication	EAP-TLS, EAP-PEAP	
Power	Auto Range 100 ~ 240 AVC (48 ~ 62 Hz)	
User interface	1 power switch 8 operation buttons(menu,feed,pause,up,down,back,enter,calibration) 5 LEDs with 3 colors 2.4" color TFT display	
Sensors	Gap transmissive sensor Black mark reflective sensor (position adjustable) Head open sensor Ribbon end sensor	
Internal fonts	8 resident expandable ZPL II bitmap fonts Downloadable objects include graphics, scalable and bitmap fonts, label templates and formats IBM Code Page 850 international character sets are available in the fonts A, B, C, D, E, F, G and 0 through software control Code Page 1250, 1251, 1252, 1253, 1254, 1255, 1256 Support with font 0	
Graphic formats	PCX,BMP	
Barcode	1D barcode: Code 11(USD-8), Interleaved 2 of 5, Code 39, Code 93, Planet Code, EAN-8, EAN-13, UPC-A, UPC-E, Industrial 2 of 5, Standard 2 of 5, ANSI Codabar, LOGMARS, Plessey, Code 128, GS1 Databar 2D barcode: Aztec, PDF417, MicroPDF-417, UPS MaxiCode, Data Matrix, QR Code, TLC39	
Font and barcode rotation	0, 90, 180, 270 degree	
Printer Language	ZPL-II, TSPL, DPL, EPL2	
Media type	Continuous, die-cut, black mark, fan-fold, notch	
Media handling	Standard: Continuous, Tear-Off / Options: Peel-Off, Cut, and Rewind	
Media width	Min 0.79"(20 mm)/ Max 4.7"(120 mm)	
Media thickness	0.003"(0.08 mm) to 0.010"(0.250 mm)	
Media core diameter	1.5"(38.1 mm),3.0"(76.2 mm)	
Media max. roll diameter	8.0"(200 mm)	
Media length	Min.: Tear-Off 0.31"(8 mm) Min.: Peel-Off 0.20"(5 mm), Cutter 1.0"(25.4 mm) Max.: 90"(2,286 mm) @ 203dpi, 60"(1,524 mm) @ 300dpi	
Ribbon type	Wax, Wax/Resin, Resin	
Ribbon length	1476.4 ft(450 m)	
Ribbon core diameter	1.0"(25.4 mm)	
Ribbon width	Min 1.18"(30 mm)/ Max 4.33"(110 mm)	
Environment condition	Operating Temperature: 41° to 122°F (5° to 50°C) (limitations based on selected media) / Operating Humidity: 25 to 85% RH Non-Condensing Storage Temperature: -40° to 140° F (-40° to 60° C) / Storage Humidity: Non-Condensing	
Safety Certification	FCC, CE	
Environmental concern	RoHS	
Options	Wi-Fi802.11a/b/g/n/ac/ax Rewind Peel Guillotine cutter Rotary cutter, GPIO	