

Maximum Productivity with Highly Efficient Modal



Prevent Overheating



Super TPH



Printing Clearly

Overview

Pegasus BP420 is available in both direct thermal and thermal transfer. It contains a powerful 32-bit processor for fast label throughput and 8MB flash memory for increased storage of fonts and graphics. The printing speed can be up to 127mm per second and with 300 meter ribbon limit downtime by requiring less frequent replacement.

Features

- 300 meters ribbon capacity
- Dual-motor gear driver design
- Head-up sensor and platen replacement
- Free bundled labeling software and windows drivers.
- 200 MHz 32-bit processor with 8 MB SDRAM, 8MB flash memory

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Printer Model	BP420	BP420E
Printing Features		
Resolution	203 DPI	300 DPI
Printing method	Thermal Transfer / Direct Thermal Print Speed : 127 mm (5")/s	
Max.print width	108 mm (4.25")	104 mm (4.09")
Max.print length	1778 mm (70")	889 mm (35")
Media		
Media type	Continuous, gap, black mark, fan -fold and punched hole	
Media width	25.4-118mm (1.0" -4.6") thickness : 0.06~0.254 mm (2.36~10mil)	
Media core diameter	25.4 ~ 76.2 mm (1 " ~ 3 ")	
Label length	10 - 1778 mm(0.39" ~ 70")	10 ~ 889 mm(0.39" ~ 35")
Label roll capacity	127 mm (5") OD (outside wound)	
Ribbon capacity	Max.300m Ribbon width: 110m	
Performance Features		
Processor	32-bit CPU	
Memory	8MB Flash Memory/8MB SDRAM/Flash Can be expanded to Max. 4 GB	
Interface	Standard: USB TF card Optional: LAN/WIFI/Bluetooth/Serial	
Sensors	①Gap sensor, ②Cover opening sensor, ③Black mark sensor, ④Ribbon sensor	
Fonts/Graphics/Symbologies		
Internal fonts	8 alpha-numeric bitmap fonts, Windows fonts are downloadable from software.	
1D Barcode	Code 39, Code 93, Code 128UCC, Code 128, subsets A, B, C, Codabar, Interleaved 2 of 5, EAN-8,EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST, GS1 DataBar, Code 11	
2D Barcode	PDF-417, Maxicode, DataMatrix, QR code, Aztec	
Rotation	0°, 90°, 180°, 270°	
Emulsion	TSPL, EPL, ZPL, DPL	
Physical Features		
Dimension	299 mm (D) x 235 mm (W) x 198.3 mm (H)	
Weight	2.55kg	
Reliability		
Print head life	30 km	
Driver	Windows/Linux/Mac SDK : Windows/Linux/iOS	
Power supply		
Input	AC 100-240V,1.8A, 50-60Hz Output : DC 24V, 2.5A, 60W	
Environmental Conditions		
Operation Environment	5 ~ 40°C (41~104°F) , Humidity: 25 ~ 85% non -condensing	
Storage environment	-40 ~ 60°C (-40~140°F) , Humidity:10 ~ 90% non -condensing	
Factory Options	① Built-in Ethernet server (10/100 Mbps), ② RS-232C (2400-115200 bps) communication interface, ③Cutter, ④Peeling machine, ⑤Bluetooth module, ⑥WiFi module	
Dealer Options	①External paper roll holder and 1 "paper roll, ②Extension board for external paper roll holder	

Washing Care Label

Cable Label Printer

Dumb Silver Paper

Jewelry Label

Thermal Label