

## > **BV420D**

- > 4" Direct Thermal Desktop Label Printer
- > Stylish, Compact Design
- > Enhanced Productivity
- > Multiple Emulations
- > Resolutions up to 300 dpi and Speeds up to 7 ips



# > BV420D



## STANDARD FEATURES

- > 4" Desktop Direct Thermal
- > 203 dpi, 300 dpi Models
- > Flat Edge Print Head Design
- > 128MB SDRAM, 128MB Flash ROM
- > Maximum Print Speed - 7 ips
- > Linerless Model Offered
- > Emulation Support: Zebra® ZPL II, Datamax® DPL, Sato® SBPL
- > Compact Footprint
- > Easily Replaceable Print Heads and Consumables
- > ENERGY STAR Certified V3.0

## KEY SELLING FEATURES

### Designed with the Customer in Mind

- Varied models in BV400D series (colors, speeds, LED, LCD, and Linerless)
- Stylish, compact size with built-in, space-saving connectors
- Cover option to integrate AC adapter with printer for pleasing aesthetics
- Ideal for Transportation (shipping labels), Healthcare (wrist bands) and Retail (shelf labels)

### Ease of Operations

- Easy to set-up and maintain with replaceable print heads and sensors for paper-out, cover open
- Enhanced LED models clearly show printer status
- Reduce downtime with single-step, top loading media

### Enhanced Productivity

- 20% higher throughput over lower speeds with 7 ips (203dpi) model
- Standard interface with WLAN or Bluetooth options addresses all work environments
- Linerless model and cutter/peel-off module options for greater work efficiency

### Advanced Connectivity & Adaptability

- Wide range of emulations to accommodate a variety of existing environments
- Networking tools enable remote monitoring of printers
- Enhanced middleware for development with smart devices
- Scalable OS architecture for keeping pace with the latest technology standards

Models	BV420D-GS (203 dpi)	BV420D-TS (300 dpi)
<b>Printer Specification</b>		
Technology	Direct Thermal	Direct Thermal
Resolution	203 dpi (8 dots/mm)	300 dpi (11.8 dots/mm)
Print Speed (Max)	7 ips (177.8 mm/sec)	5 ips (127 mm/sec)
Memory	128 SDRAM 128 Flash ROM	128 SDRAM 128 Flash ROM
Print Length (Max)	39.25" (997 mm)	39.25" (997 mm)
Print Width (Max)	4.25" (GS) 3.9" (GL)	4.16"
<b>Media</b>		
Media Sensor	Reflective, Transmissive (GS) Reflective (GL)	Reflective, Transmissive
Media Length	0.32" - 39.25" Batch Mode, 0.92"-5.92" Strip Mode, 0.76"-39.1" Cut Mode	0.32" - 39.25" Batch Mode, 0.92"-5.92" Strip Mode, 0.76"-39.1" Cut Mode
Media Width	1.0" - 4.6" (25.4 mm - 118 mm) (GS)	1.0" - 4.6" (25.4 mm - 118 mm)
Media Thickness	32 mm (1.26") to 102 mm (4") (GL) .0024" - .0074" (.06 mm - 0.19 mm)	.0024" - .0074" (.06 mm - 0.19 mm)
<b>Programming Language</b>		
Programming Language	Toshiba TPCL, Basic Command Interpreter (BCI)	Toshiba TPCL, Basic Command Interpreter (BCI)
<b>Emulations</b>		
Emulations	Zebra® ZPL II, Datamax® DPL, Sato® SBPL	Zebra® ZPL II, Datamax® DPL, Sato® SBPL
<b>Interface</b>		
Standard	USB 2.0, Ethernet 10/100 Base-T	
Optional	WLAN 802.11a/b/g/n (Dual Band for 2.4 GHz/5 GHz) Bluetooth V2.1 EDR with MFI Certified, Serial Port (RS-232C)	
<b>Accessories Standard</b>		
Accessories Standard	Linerless Cutter (GL)	
<b>Accessory Options</b>		
Accessory Options	Full Cutter Module* Partial Cutter Module* Peel-off Module* 8" External Media Stand* Wireless LAN Kit Bluetooth Interface Kit Serial (RS-232C) I/F Kit AC Adapter Cover	
	* Not an Option for BV420D-GL02	
<b>Fonts Standard</b>		
Fonts Standard	Built-in Fonts: Bitmap, Outline, Price, TTF (Optional), Writable Characters	
<b>Environmental</b>		
Operating Temperatures	41°F - 104°F (5°C - 40°C)	
	41°F - 95°F (5°C to 35°C) (GL)	
Operating Humidity	25% to 85% RH (Non-condensing)	
Power Consumption	Printing Mode: 60W Standby Mode: 4.4 W	
Dimension (W x H x D)	6.85" x 8.59" x 6.81" (174 mm x 218 mm x 173 mm)	
	6.85" x 11.34" x 6.81" (174 mm x 288 mm x 173 mm) (GL)	
Weight	4.4 lb (2.0 kg)	
	5.7 lb (2.6 kg) (GL)	
Weight Shipping	6.61 lb (3.0 kg)	
	7.94 lb(3.6 kg) (GL)	

