

TOSHIBA

> 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-GL (203 dpi) Linerless	BV420D-TS (300 dpi)
Printer Specification		
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"
Media		
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)
Programming Language	Toshiba TPCL, Basic Command Interpreter (BCI)	Toshiba TPCL, Basic Command Interpreter (BCI)
Emulations	Zebra® ZPL II, Datamax® DPL, Sato® SBPL	Zebra® ZPL II, Datamax® DPL, Sato® SBPL
Interface		
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)	
Accessories Standard	Linerless Cutter (GL)	
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	
Fonts Standard	Built-in Fonts: Bitmap, Outline, Price, TTF (Optional), Writable Characters	
Environmental		
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)	

