TOSHIBA

BV410D
BV420D

Desktop printer series

Datasheet



- Toshiba's most advanced desktop print technology was incorporated into the sleekest case design for ultimate user experience.
- Coming with a new powerful and scalable system architecture the BV400D series future-prooves your investment.
- With a broad set of standard interfaces and optional Wi-Fi or Bluetooth, the BV400D series easily integrates into even the most complex IT environments.

TOGETHER INFORMATION

The ever-changing workplace

Delivering reliability to meet future challenges

Every business is unique. That's why Toshiba offers the most reliable print solutions that meet all your labelling requirements, day after day. Toshiba barcode printers provide connectivity and solutions to adapt to the needs of an ever-changing workplace.

Our products deliver on our promise of Together Information – our commitment to collaborate with clients to provide tailored, cost-effective solutions that meet your evolving workplace needs.



The strong combination of excellent design & advanced connectivity

Toshiba's most advanced desktop printer consists of five different models, all with a small footprint, intelligent design which brings simplicity and efficiency raising the user experience the next level. Latest connectivity features enable this printer to be integrated into various networks and, thanks to print language emulations, into almost every print scenario. The robustness of the printer offers high print quality and performance rivalling the majority of mid-ranged printers.

Smooth design yet outstanding

Designed with the user in mind

Ultimate compactness was a core design criteria that led to the creation of the B400D desktop printer range, suitable for versatile applications. With its small footprint and clean case these printers suit retail shops, offices or any workplaces where space is a premium.

Usability clear as day

The integrated LCD screen of the BV410D provides clear information and notifications that are emphasised by the colour change of the status LEDs. The user can change main settings directly on the printer whereas the remote operator connections allows the full printer setup from afar.

Speed & efficiency

A series of features makes sure your desktop printer is ready to print labels and receipts quickly and efficiently at the touch of a button. The BV400D's productivity is maximised by market leading print speeds of up to 7 inches per second and an advanced CPU which processes your data even quicker. Thanks to the rapid boot-time the printer is ready almost instantly at power-on.

A model to meet every need

With models available in 203 and 300 dpi versions, also available in black or white cabinets, the BV400D series suits to fit into almost any operating environment. With the addition of a linerless version enabling the printer to print on adhesive labels with no backing paper reducing waste and keeping the working environment safe and clean.

Future-ready operating system

The redesigned OS platform supports multi print language emulation, which enables simple integration into complex IT environments. This platform adds not only performance but extends the connectivity and adaptability of the BV400D to keep pace with the requirements of an ever-changing workplace.

Delivering reliability to meet future challenges

Designed to endure the toughest retail environments the renowned reliability of the BV400D printers eliminates almost any downtime – day after day. With optional built-in AC adapters the Toshiba desktop printers are the perfect fit, ensuring a safe work place.

Key highlights

- Market leading throughput with up to 7 ips
- Compact & sleek design with a small footprint
- Designed, developed & built by Toshiba
- Intuitive & clear user experience
- Vast print languages & emulations
- Huge performance & functionality at a truly low Total Cost of Ownership (TCO)



Specifications

Models

White case	BV410D-GS02	BV410D-TS02
Resolution	203 dpi (8 dots/mm)	300 dpi (11.8 dots/mm)
User Interface	2x LED, 3x key, with LCD	2x LED, 3x keys, with LCD
Black case	BV420D-GS02	BV420D-TS02
Resolution	203 dpi (8 dots/mm)	300 dpi (11.8 dots/mm)
User Interface	3x LED, 2x key	3x LED, 2x key
Black case linerless cutter	BV420D-GL02	
Resolution	203 dpi (8 dots/mm)	
User Interface	3x LED, 2x key	
Cutter	Integrated linerless cutter	

General

Print Method	Direct thermal	
Printhead	Flat head	
Dimensions (W x D x H)	GS02/TS02 174 x 218 x 173 mm	GL02 174 x 288 x 173 mm
Weight	GS02/TS02 2.0 kg	GL02 2.6 kg
Memory	128 MB (FROM), 128 MB (SRAM)	
Operating Temperature / Humidity	GS02/TS02 5°-40°C (41°-104°F) / 25-85% non-condensing relative humidity (RH)	GL02 5°-35°C (41°-95°F) / 25-85% non-condensing relative humidity (RH)
Storage Temperature / Humidity	-20°-60°C (-40°-140°F) / 10-90% non-condensing relative humidity (RH)	
Power Supply	AC 100-240 V, 50/60 Hz	

Print

Sensor	GS02/TS02 Reflective, transmissive	GL02 Reflective
Max. Print Speed	GS02/GL02 7 ips (177.8 mm/s)	TS02 5 ips (127 mm/s)
Max. Print Width	GS02/TS02 108 mm/105.7 mm	GL02 99 mm
Print Length		
Batch	8-997 mm	
Cut	19.4-993 mm[1)]	
Peel-off	23.4-150.4 mm[1)]	
Barcodes	UPC/EAN/JAN, Code 39, Code 93, Code 128, EAN 128, NW7, MSI, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, POSTNET, RM4SCC, KIX Code, Customer Barcode, GS1 DataBar, USPS Intelligent Mail Barcode	
2D Codes	Data Matrix, PDF 417, MaxiCode, QR Code, Micro PDF 417, Micro QR, GS1 Data Matrix, Aztec Code	
Fonts	Bitmap font, outline font, price font, optional TTF, writable characters	

Media

Alignment	Centred	
Backing Paper Width	GS02/TS02 25.4-118 mm	GL02 32-102 mm
Label Thickness	0.06-0.19 mm	
Inner Media Core Diameter	GS02/TS02 25.4, 38.1, 42, 76.2 mm	GL02 38.1 mm
Outer Media Core Diameter	GS02/TS02	GL02
Standard	Max. 127 mm	Max. 107 mm
Optional	Max. 214 mm	
Media Format	Roll, fanfold	

Software & Connectivity

Language Mode	TPCL, Basic Command Interpreter (BCI)
Emulation	ZPL II, DPL, SBPL
Printer Driver	Windows 10/8.1/8/7 (32/64 bit), Windows Server 2016, Windows Server 2012 R2/Server 2012/Server 2008 R2
SDK	iOS, Android
Interface	USB 2.0, Ethernet 10/100 Base T (IPv4 & IPv6), WLAN 802.11a/b/g/n (dual band for 2.4 GHz/5 GHz)[1)2)], Bluetooth V2.1 EDR with MFi certified[1)2)], serial port[1)]
Label Software	BarTender UltraLite (co-packed)

Options

BV410D-GS02/TS02 & BV420D-GS02/TS02	Full cutter module, partial cutter module, peel-off module, serial interface board, wireless LAN module, Bluetooth module, AC adapter cover, external media stand

[1)] Optional
[2)] Availability varies from country to country

BarTender® BY SEAGULL SCIENTIFIC

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Toshiba Tec Corporation is a leading provider of information technology, operating across multiple industries – ranging from retail, education and business services to hospitality and manufacturing. With headquarters in Japan and over 80 subsidiaries worldwide, Toshiba Tec Corporation helps organisations transform the way they create, record, share, manage and display information.

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Together Information is Toshiba's vision for how people and organisations create, record, share, manage and display ideas and data.

It is based on our belief that the most successful organisations are those that communicate information in the most efficient way.

We make that possible through an integrated portfolio of industry-specific solutions, all of which reflect Toshiba's commitment to the future of the planet.

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