# TOSHIBA

# BV410D
# BV420D

## Desktop printer series

## Product brochure

- 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-proves 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.

Toshiba's barcode printers continue to 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 series consists of five different models, all with a small footprint, intelligent design which brings simplicity and efficiency raising the user experience to 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 sleek design of the BV400D series eliminates all redundant fussiness and concentrates on delivering clarity of operation to the user. 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.

### 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 & IoT device management
The redesigned OS platform supports multi print language emulation, which allows simple integration into complex IT environments. Adding support for SOTI Connect to the BV400D series enables businesses to trace large printer fleets and overcome printer management challenges such as remote access for firmware updates and automated rule deployment.

### 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.

### 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
- SOTI Connect certified for IoT device management

# 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 |
| **Print head** | Flat head |

**Dimensions (W x D x H)**

| GS02/TS02 | GL02 |
|---|---|
| 174 x 218 x 173 mm | 174 x 288 x 173 mm |

**Weight**

| GS02/TS02 | GL02 |
|---|---|
| 2.0 kg | 2.6 kg |

| | |
|---|---|
| **Memory** | 128 MB (FROM), 128 MB (SRAM) |

**Operating Temperature / Humidity**

| GS02/TS02 | GL02 |
|---|---|
| 5°-40°C (41°-104°F) / 25-85% non-condensing relative humidity (RH) | 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 | GL02 |
|---|---|
| Reflective, transmissive | Reflective |

**Max. Print Speed**

| GS02/GL02 | TS02 |
|---|---|
| 7 ips (177.8 mm/s) | 5 ips (127 mm/s) |

**Max. Print Width**

| GS02/TS02 | GL02 |
|---|---|
| 108 mm/105.7 mm | 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 | GL02 |
|---|---|
| 25.4-118 mm | 32-102 mm |

| | |
|---|---|
| **Label Thickness** | 0.06-0.19 mm |

**Inner Media Core Diameter**

| GS02/TS02 | GL02 |
|---|---|
| 25.4, 38.1, 42, 76.2 mm | 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

| | |
|---|---|
| **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] |
| **Language Mode** | TPCL, Basic Command Interpreter (BCI) |
| **Label Software** | BarTender UltraLite (co-packed) |
| **IoT Device Management** | SOTI Connect |

## Options

| | |
|---|---|
| **For 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

## About Toshiba Tec

Toshiba Tec Germany Imaging Systems GmbH is part of the globally operating Toshiba Tec Corporation, active in various high-tech industrial sectors.

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.

For more information please contact us:

**Toshiba Tec Germany Imaging Systems GmbH**
Carl-Schurz-Str. 7
41460 Neuss, Germany

**Telephone**
+49 2131-1245-0

**Website**
www.toshibatec.eu

ICS

**ΚΑΡΑΦΥΛΛΗΣ ΣΥΣΤΗΜΑΤΑ ΠΛΗΡΟΦΟΡΙΚΗΣ**

**www.ics.gr**

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.