

## Auto-ID

## Range Brochure

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- Barcode Label Printers



# The answer to your labelling needs

## **Toshiba thermal barcode systems**

The perfect solution for business critical applications: whether you need to print receipts, shipping labels or any specialist labels - Toshiba has the perfect solution for all your labelling needs.

For more than 30 years we have created truly innovative products for our customers with the added value of our extensive network of technical assistance. A comprehensive range of products offers customers exceptional advantages plus the built in reliability that comes with the brand Toshiba.

## **Consumables**

Toshiba branded consumables are designed and manufactured to work in conjunction with our extensive barcode and label printer range. They have been geared to the needs of the different printing technologies to enhance the overall print quality and result in the best possible document output.

## **Your benefit**

Not only do you have impeccable image quality, your total cost of ownership (TCO) decreases as all our consumables minimise the wear on the working parts of your system.

All our products are designed to improve printing efficiency, while reducing packaging waste and minimising delivery and transportation costs. This not only saves you money, but also helps create a greener tomorrow.







# Mobile Printers

## On the move with you

Our mobile printers come in handy when your job requires you to move around. In today's fast moving world it is important to respond quickly, when and where needed.

All our printers were designed to operate in the most diverse working environments. They are robust and durable yet at the same time easy to use.



## Applications

Toshiba's range of mobile printers covers various possible applications, ensuring you find a perfect match for your needs.

- **Retail**
  - Price mark-down, shelf-edge labelling, queue busting, promotions, mobile POS
- **Transport & logistics**
  - Shipping labels, invoices, parcel tracking, delivery notes, Route Sales and accounting
- **Hospitality**
  - Event & meal tickets, mobile POS
- **Healthcare**
  - Mobile pharmacy, patient IDs, document and lab sample tracking
- **Public services**
  - Traffic wardens, police, facilities operatives and public transport (tickets, fines, utility billing, metre reading, etc.)
- **Field support**
  - PAT testing, receipts for field sales and support charges

## Key Specification

|                                      | B-FP2D  | B-FP3D   | B-EP4DL   |
|--------------------------------------|---|--|---|
| <b>Print Method</b>                  | Direct thermal  | Direct thermal   | Direct thermal  |
| <b>Print Head</b>                    | 2-inch flat   | 3-inch flat  | 4-inch flat   |
| <b>Max. Print Speed</b>              | 152.4 mm/sec (6 ips)  | 152.4 mm/sec (6 ips)   | 105 mm/sec (4.13 ips)   |
| <b>Resolution</b>                    | 203 dpi   | 203 dpi  | 203 dpi   |
| <b>Max. Print Length</b>             | 995 mm  | 995 mm   | 995 mm  |
| <b>Battery</b>                       | 2,500 mAh   | 2,500 mAh  | 2,600 mAh   |
| <b>Interface</b>                     | USB 2.0, LAN (10/100Base), Bluetooth 2.1 EDR with MFi, NFC for Bluetooth pairing, Wireless LAN                          | USB 2.0, Bluetooth 4.0 BLE Dual or Wireless LAN              | RS232C, USB 2.0, Bluetooth or Wireless LAN  |
| <b>Language Mode &amp; Emulation</b> | TPCL, LABEL, RECEIPT, ESC/POS, BCI (function), ZPL II, SBPL   | TPCL, LABEL, ZPL II, CPCL, ESC/POS, BCI (function)           | TPCL, LABEL, RECEIPT, ESC/POS, BCI (function)   |
| <b>Weight</b>                        | ~ 470 g (incl. battery)   | ~ 650 g (incl. battery)                                      | ~ 865 g (incl. battery)   |
| <b>Dimensions (W x D x H)</b>        | 97 x 130 x 69 mm  | 116 x 150 x 80 mm  | 150 x 145 x 75 mm   |
| <b>Options</b>                       | Spare battery, Shoulder strap, 1 & 6 slot battery chargers, 1 & 4 slot cradle chargers, Linerless label kit, AC adapter | Spare battery, 1 & 6 slot battery chargers, AC & DC adapters | Spare battery, Shoulder strap 1 & 6 slot battery chargers,, Linerless label kit, AC & DC adapters |

# Desktop Printers

## At your side

For fast, on-demand labelling and ticketing directly on your desktop, look no further - our compact and efficient desktop printers produce professional labels quickly and easily at the touch of a button.

## Applications

Whenever you need a compact and reliable label printer for your day-to-day business, Toshiba's desktop printers are the right choice.

- **Office administration**
  - Document archiving, address labels
- **Warehousing, logistics and postal services**
  - Parcel tracking, depot management
- **Retail stores & supermarkets**
  - Pricing, promotions
- **Healthcare**
  - Document and lab sample tracking



## Key Specification

|                                      | <b>B-EV4D/4T</b><br>GS/TS   | <b>B-FV4D/4T</b><br>GS/GH <sup>3)</sup> /GL <sup>3)</sup> /TS   | <b>BV410D/BV420D</b><br>GS/TS   | <b>BV420D</b><br>GL   |
|--------------------------------------|---|---|---|---|
| <b>Print Method</b>                  | B-EV4D: Direct thermal<br>B-EV4T: Direct thermal/<br>Thermal transfer   | B-FV4D: Direct thermal<br>B-FV4T: Direct thermal/<br>Thermal transfer   | Direct thermal  | Direct thermal  |
| <b>Print Head</b>                    | 4-inch flat   | 4-inch flat   | Flat head   | Flat head   |
| <b>Max. Print Speed</b>              | GS: 127 mm/sec (5 ips)<br>TS: 101.6 mm/sec (4 ips)  | GS/GH/GL: 152.4 mm/sec (6 ips)<br>TS: 101.6 mm/sec (4 ips)  | GSL: 177.8 mm/sec (7 ips)<br>TS: 127 mm/sec (5 ips)   | 177.8 mm/sec (7 ips)  |
| <b>Resolution</b>                    | GS: 203 dpi<br>TS: 300 dpi  | GS/GH/GL: 203 dpi<br>TS: 300 dpi  | GS: 203 dpi<br>TS: 300 dpi  | 203 dpi   |
| <b>Max. Print Length</b>             | GS: 995 mm<br>TS: 453 mm  | GS/GH/GL: 995 mm<br>TS: 453.2 mm  | 997 mm  | 997 mm  |
| <b>Max. Ribbon Length</b>            | 110 m <sup>1)</sup>   | 300 m <sup>2)</sup>   | –   | –   |
| <b>Interface</b>                     | RS-232C (max. 115,200 bps),<br>Parallel port, USB 2.0 (Full<br>Speed), LAN (10/100 Base)                              | USB 2.0, LAN (10/100 Base)<br>RS-232C (max. 115,200 bps)  | USB 2.0, LAN (10/100 Base)<br>(IPv4 & IPv6)   | USB 2.0, LAN (10/100 Base)<br>(IPv4 & IPv6)   |
| <b>Language Mode &amp; Emulation</b> | Standard: TPCL<br>Optional: ZPL, EPL, DPL, IPL  | TPCL, ZPL, EPL, DPL, IPL, BCI<br>(function)   | TPCL, BCI, ZPL II, DPL, SBPL  | TPCL, BCI, ZPL II, DPL, SBPL  |
| <b>Weight</b>                        | B-EV4D: 2.3 kg<br>B-EV4T: 2.4 kg  | B-FV4D: 1.8 kg<br>B-FV4T: 2.4 kg  | 2.0 kg  | 2.6 kg  |
| <b>Dimensions (W x D x H)</b>        | B-EV4D: 198 x 258 x 169.5 mm<br>B-EV4T: 198 x 258 x 173 mm  | B-FV4D-GS/TS: 184 x 226 x 166 mm<br>B-FV4D-GH/GL: 184 x 226 x 199 mm<br>B-FV4T: 220 x 279 x 182 mm  | 174 x 218 x 173 mm  | 174 x 288 x 173 mm  |
| <b>Options</b>                       | Full cutter module, Partial<br>cutter module, Peel-off module,<br>External 203 mm OD media<br>stand, Power cable tray | Peel-off module (standard on<br>Courier model), Full cutter module<br>Partial cutter module <sup>4)</sup> , External<br>203 mm OD media stand, WLAN I/F<br>(802.11b/g) <sup>4)</sup> or Bluetooth I/F <sup>4)</sup> | Full cutter module, partial cutter<br>module, peel-off module, serial<br>interface board, wireless LAN module,<br>Bluetooth module, AC adapter cover,<br>external media stand, WLAN 802.11a/b/<br>g/n (dual band for 2.4 GHz/5 GHz),<br>Bluetooth V2.1 EDR with MFi certified,<br>serial port | Serial interface board, wireless<br>LAN module, Bluetooth<br>module, AC adapter cover,<br>external media stand, WLAN<br>802.11a/b/g/n (dual band for 2.4<br>GHz/5 GHz), Bluetooth V2.1 EDR<br>with MFi certified, serial port |

<sup>1)</sup> For B-EV4T only

<sup>2)</sup> For B-FV4T only

<sup>3)</sup> For B-FV4D only

<sup>4)</sup> Not available for GH version

# Mid-Range Printers

## The best of both worlds

The Toshiba mid-range barcode label printers provide the functionality and robustness of an industrial printer, with the compact footprint and ease of use of a desktop printer.

And with the DB-EA4D we have developed a unique, two-sided direct thermal printer, which adds value and usability to a label's backing paper or the back of a ticket, by printing directly onto it. This also reduces waste and helps create a greener tomorrow.



## Applications

The ergonomic design makes them the printer of choice for any quiet office situation, whilst the superior quality output and exceptional performance ensure that it fits perfectly with robust industrial environments.

- **Retail**
  - Transaction receipts with returns policy or warranty information
- **Transport**
  - Airport boarding passes, train and bus tickets with relevant promotions
- **Petrol stations**
  - Pump receipt with special offers and promotions
- **Self-service**
  - Transaction receipts, account statements, offers and surveys



## Key Specification

|                           | DB-EA4D                                      | BA410T/20T<br>GS/TS  | B-852   |
|---------------------------|--|--|---|
| Print Method              | Direct thermal                               | Direct thermal/Thermal transfer  | Direct thermal/Thermal transfer                               |
| Print Head                | 2 x 4-inch flat                              | 4-inch flat  | 8-inch flat   |
| Max. Print Speed          | 152.4 mm/sec (6 ips)                         | 203 mm/sec (8 ips)   | 101.6 mm/sec (4 ips)  |
| Resolution                | 203 dpi                                      | GS: 203 dpi<br>TS: 300 dpi   | 300 dpi   |
| Max. Print Length         | 547.8 mm                                     | 1,489 mm   | 640 mm  |
| Max. Ribbon Length        | n/a  | 450 m  | 300 m   |
| Interface                 | Parallel port, USB 2.0,<br>LAN (10/100 Base) | USB 2.0, LAN (10/100 Base),<br>Bluetooth with MFi, NFC for Bluetooth<br>pairing, Parallel port   | USB 2.0 (Full Speed),<br>LAN (10/100 Base), Parallel port     |
| Language Mode & Emulation | GDI  | TPCL, ZPL II, SBPL, BCI (function)   | TPCL, BCI (function)  |
| Weight                    | 7.5 kg                                       | BA410: 15kg<br>BA420: 12 kg  | 15.6 kg   |
| Dimensions (W x D x H)    | 240 x 226 x 237 mm                           | BA410T: 245 x 414 x 333 mm<br>BA420T: 245 x 350 x 332 mm   | 385 x 181 x 243 mm  |
| Options                   | Paper roll holder                            | Cutter module, Peel-off module, RS232,<br>Parallel Port, Wireless LAN (2.4 & 5 GHz),<br>RFID kit, Expansion I/O, RTC (real time clock) | Cutter module, Expansion I/O, RS232,<br>RTC (real time clock) |

# Industrial Printers



## When the going gets tough

Our industrial printers have a rugged and durable design and were built for high performance in industry and manufacturing. The wide choice of models and options ensure you will find the best “all-in-one” solution for your needs.

## Applications

An extensive range of industrial printers covers the most demanding applications for heavy duty industrial printing.

### • Industry & manufacturing

- Automotive
- Chemical
- Pharmaceutical
- Textile
- Electronics
- Food & Beverages

## Key Specification

|                              | B-EX4D2<br>GS  | B-EX4T1<br>GS/TS   | B-EX4T2/T3<br>GS/TS <sup>1)</sup> /HS   | B-EX6T1/T3<br>GS/TS  | B-SX8T  |
|------------------------------|--|--|---|--|---|
| Print Method                 | Direct thermal   | Direct thermal/<br>Thermal transfer  | Direct thermal/<br>Thermal transfer   | Direct thermal/Thermal<br>transfer   | Direct thermal/<br>Thermal transfer   |
| Print Head                   | 4-inch flat  | 4-inch near edge   | 4-inch flat   | T1: 6-inch near edge<br>T3: 6-inch flat  | 8-inch edge   |
| Max. Print Speed             | 305 mm/sec (12 ips)  | 355 mm/sec (14 ips)  | GS/TS: 305 mm/sec (12 ips)<br>HS: 152.4 mm/sec (6 ips)  | 305 mm/sec (12 ips)  | 203 mm/sec (8 ips)  |
| Resolution                   | 203 dpi  | GS: 203 dpi<br>TS: 305 dpi   | GS: 203 dpi<br>TS: 300 dpi<br>HS: 600 dpi   | GS: 203 dpi<br>TS: 305 dpi   | 305 dpi   |
| Max. Print Length            | 1,498 mm   | 1,498 mm   | 1,498 mm  | 1,490 mm   | SX8: 1,364 mm   |
| Max. Ribbon Length           | 800 m  | 800 m  | B-EX4T2: 600 m<br>B-EX4T3: 300 m  | 800 m  | 300 m   |
| Interface                    | USB 2.0,<br>LAN (10/100 Base)  | USB 2.0,<br>LAN (10/100 Base)  | USB 2.0,<br>LAN (10/100 Base)   | USB 2.0, LAN (10/100 Base),<br>IPv6, USB Host/RTC  | Parallel port, USB 2.0,<br>LAN (10/100 Base)  |
| Language Mode &<br>Emulation | TPCL, ZPL, BCI (function)  | TPCL, ZPL, BCI (function)  | TPCL, ZPL <sup>1)</sup> , BCI (function)  | TPCL, ZPL, BCI (function)  | TPCL, BCI (function)  |
| Weight                       | 17 kg  | 17 kg  | 17 kg   | 20 kg  | 25 kg   |
| Dimensions (W x D x H)       | 278 x 460 x 310 mm   | 278 x 460 x 310 mm   | 278 x 460 x 310 mm  | 331 x 460 x 310 mm   | 416 x 289 x 395 mm  |
| Options                      | Cutter, Peel-off module,<br>RTC USB host, RS232,<br>Parallel port,<br>Wireless LAN,<br>Expansion I/O | Cutter, Rotary cutter,<br>Peel-off module, RFID kit,<br>Ribbon save module,<br>RTC USB host, RS232,<br>Parallel port,<br>Expansion I/O | Cutter, Peel-off module,<br>High-accuracy peel-off<br>module <sup>2)</sup> , RTC USB host,<br>RS232, Parallel port,<br>Wireless LAN,<br>Expansion I/O | Disc cutter,<br>Peel-off module, RS232,<br>Parallel port, Wireless LAN,<br>Expansion I/O, RFID kit <sup>3)</sup> | Cutter module,<br>Peel-off module, RS232,<br>Expansion I/O, RTC (real<br>time clock), Ribbon save<br>module |

<sup>1)</sup> For B-EX4T2 only <sup>2)</sup> For B-EX4T3 only <sup>3)</sup> For B-EX6T1 only

## 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.

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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.

