TOSHIBA

Auto-ID Range Brochure

- Barcode Label Printers



e-CONCEPT®

TOGETHER INFORMATION



Connect Integrate Simplify

Technology for every workplace, delivering advanced functionality, ease of use, and peace of mind.

Connect
Connects people and information for optimised communication.

Integrate
Integrates workplaces for a higher productivity and efficiency.

Simplify
Simplifies processes for an optimised flow of information.

TOGETHER INFORMATION

The answer to your Labelling needs

Toshiba's thermal barcode systems are 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 been creating 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.

The 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 you can count on, 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 at the same time reducing packaging waste, and minimising delivery and transportation costs.

This not only saves money, but also helps create a greener tomorrow.



Mobile Printers

On the move with you

Our mobile printers come in handy when your jobs require you to move around. In today's fast moving world it is important to be able to react fast when and where needed.

Our rugged and durable mobile printer series are easy to handle and ready operate in the most diverse working environments.





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
- Warehousing & Logistics
  Shipping labels, invoices, parcel tracking, delivery notes, Route Sales and accounting
- Hospitality
  Event & meal tickets, mobile POS
- Healthcare
  Document & lab sample tracking
- Public Services
  Traffic wardens, police, facilities operatives & public transport (tickets, fines, utility billing, meter reading, etc.)
- Field Support
  PAT testing, receipts for field sales & support charges

Made for iPhone | iPad | iPod

B-FP2D only

Key Specifications

	B-FP2D	B-FP3D	B-EP4DL
Print Method	Direct thermal	Direct thermal	Direct thermal
Printhead	Flat Head	Flat Head	Flat Head
Max. Print Speed	152.4 mm/seconds (6 ips)	152.4 mm/seconds (6 ips)	105 mm/seconds (4.13 ips)
Max. Print Width	54 mm	72 mm	104 mm
Resolution	203 dpi	203 dpi	203 dpi
Max. Print Length	995 mm	995 mm	995 mm
Max. Ribbon Length	n/a	n/a	n/a
Standard Connectivity	USB 2.0, Bluetooth with Mfi support, NFC for Bloototh paring, Dual WLAN	USB 2.0, Bluetooth or Dual WLAN	USB 2.0, Bluetooth or WLAN
Programming Languages/ Modes	TPCL, Label, Receipt, ESC/POS, BCI (function), Z-Mode, C-Mode, S-Mode	TPCL, Label, Receipt, ESC/POS, BCI (function), Z-Mode, C-Mode	TPCL, Label, Receipt, ESC/POS, BCI (function), Z-Mode, C-Mode
Weight	~ 0.47 kg (incl. battery)	~ 0.66 kg (incl. battery)	~ 0.9 kg (incl. battery)
Dimensions (W x D x H)	97 x 130 x 69 mm	116 x 150 x 80 mm	150 x 145 x 77 mm
Options	Spare battery, Shoulder strap, 1 & 6 battery slot chargers, Linerless label kit, 1 & 4 slot cradle chargers, AC adapter	Spare battery, Shoulder strap, 1 & 6 slot chargers, AC & DC adapter	Spare battery, Shoulder strap, 1 & 6 slot chargers, AC & DC adapters

Desktop Printers

Flexiblity and excellent design

Toshiba's most advanced desktop printer series BV400D consists of five different models. The intelligent design with a small footprint features a scalable system architecture and enables an intuitive handling.

The robust and durable BV400 series handles even demanding print jobs with ease. 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:

Applications

Compact and subtle, but powerful and flexible enough for any environment and application - a printer series that truly is universally usable!

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





Key Specifications

	B-EV4D/4T GS/TS	B-FV4D/4T GS/GH[2]/GL[2]/TS	BV410D/420D GS/GL (linerless model)/TS
Print Method	B-EV4D: Direct thermal B-EV4T: Direct thermal/Thermal transfer	B-FV4D: Direct thermal B-FV4T: Direct thermal/Thermal transfer	Direct thermal
Printhead	Flat Head	Flat Head	Flat Head
Max. Print Speed	GS: 127 mm/seconds (5 ips) TS: 101.6 mm/seconds (4 ips)	GS/GH/GL: 152.4 mm/seconds (6 ips) TS: 101.6 mm/seconds (4 ips)	GS/GL: 177.8 mm/seconds (7 ips) TS: 127 mm/seconds (5 ips)
Max. Print Width	GS: 108 mm / TS: 105.7 mm	GS: 108 mm / TS: 105.7 mm	GS: 108 mm / GL: 99 mm / TS: 105.7 mm
Resolution	GS: 203 dpi / TS: 300 dpi	GS/GH/GL: 203 dpi TS: 300 dpi	GS /GL: 203 dpi TS: 300 dpi
Max. Print Length	GS: 995 mm / TS: 453 mm	997 mm	997 mm
Max. Ribbon Length	110 m[1]	300 m[3]	no ribbon
Standard Connectivity	RS-232C (max. 115,200 bps), Parallel port, USB 2.0 (Full Speed), LAN 10/100 Base	USB 2.0, LAN 10/100 Base, RS-232C (max. 115,200 bps)	USB 2.0, USB-Host Memory, LAN 10/100 Base (IP V6)
Programming Languages/ Modes	TPCL, EPL	TPCL, BCI (function), optional: ZPL, DPL, EPL, IPL	TPCL, BCI (function), ZPL II, DPL, SPL
Weight	B-EV4D: 2.3 kg / B-EV4T: 2.4 kg	B-FV4D: 1.8 kg / B-FV4T: 2.4 kg	GS/TS: 2.0 kg / GL: 2.6 kg
Dimensions (W x D x H)	B-EV4D: 198 x 258 x 173 mm B-EV4T: 198 x 258 x 173 mm	B-FV4D-GS/TS: 184 x 226 x 166 mm B-FV4D-GH: 184 x 226 x 199 mm B-FV4D-GL: 184 x 271 x 199 mm B-FV4T: 220 x 279 x 182 mm	GS/TS: 174 x 173 x 218 mm GL: 174 x 173 x 288 mm
Options	Full cutter module, Partial cutter module, Peel-off module, External 214 mm OD media stand, Power cable tray	Peel-off module (standard on GH model), Full cutter module[4], Partial cutter module[5], External 203 mm OD media stand, WLAN I/F (802.11b/g)[5] or Bluetooth I/F[5]	Peel-off module, Full cutter module, Partial cutter module, R-S232, Dual Band WLAN (2,4 & 5 GHz), Bluetooth module, AC adapter cover, external media stand

[1] For B-EV4T only

[2] For B-FV4D only
[3] For B-FV4T only
[4] Not available for GH/GL version
[5] Not available for GH version

Mid-Range Printers

The best of both worlds

With its compact design, small space requirements, and practical "top loader" as well as "front handling" concept, the Toshiba mid-range printers can easily be integrated into any space-critical environment and application.

The compact, durable and robust label printer DB-EA4D is a cost-effective and environmentally friendly solution for any applications that require double-sided output.

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.

- Food industry
- Retail
- Administration
- Ticketing
- Production
- Packing







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BA410 & BA420 only

Key Specifications

	DB-EA4D 2ST-dual side printer	BA410 Metal Version GS/TS	BA420 Plastic Version GS/TS	B-852
Print Method	Direct thermal	Direct thermal/Thermal transfer	Direct thermal/Thermal transfer	Direct thermal/Thermal transfer
Printhead	2 x Flat Head	Flat	Flat	Flat Head
Max. Print Speed	152.4 mm/seconds (6 ips)	203 mm/seconds (8 ips)	203 mm/seconds (8 ips)	101.6 mm/seconds (4 ips)
Max. Print Width	104 mm	GS: 104 mm / TS: 105.7 mm	GS: 104 mm / TS: 105.7 mm	216.8 mm
Resolution	203 dpi	GS: 203 dpi TS: 300 dpi	GS: 203 dpi TS: 300 dpi	300 dpi
Max. Print Length	554 mm	1,498 mm	1,498 mm	640 mm
Max. Ribbon Length	(without ribbon)	450 m	450 m	300 m
Standard Connectivity	Parallel port, USB 2.0, LAN 10/100 Base	USB 2.0, USB-Host Memory, LAN (IP V6), Bluetooth with MfI support, NFC for Bloototh paring	USB 2.0, USB-Host Memory, LAN (IP V6), Bluetooth with MfI support, NFC for Bloototh paring	USB 2.0 (Full Speed), LAN 10/100 Base
Programming Languages/Modes	GDI	TPCL, BCI (function), ZPL, SPL	TPCL, BCI (function), ZPL, SPL	TPCL, BCI (function)
Weight	7.5 kg	15 kg	15 kg	15.6 kg
Dimensions (W x D x H)	240 x 226 x 237 mm	245 x 414 x 333 mm	245 x 350 x 333 mm	without roll holder: 385 x 181 x 265 mm with roll holder: 385 x 427 x 265 mm
Options	Paper roll holder	Disc cutter, Rotary cutter, Expansion I/O board, 300 dpi print head, RS232, Parallel port, Dual band WLAN (2.4 & 5 GHz), UHF-RFID Kit, RTC (real time clock)	Disc cutter, Rotary cutter, Expansion I/O board, 300 dpi print head, RS232, Parallel port, Dual band WLAN (2.4 & 5 GHz), UHF-RFID Kit, RTC (real time clock)	Cutter module, Expansion I/O board, RS-232, Parallel port, RTC (real time clock)

Industrial Printers



When the going gets rough

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 ensures 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
- Transport & Logistics

Key Specifications

	B-EX4T1 GS/TS	B-EX4D2/T2/T3 GS[1]/TS[2]/HS[3]	B-EX6T1/T3 GS/TS	B-SX8T
Print Method	Direct thermal/ Thermal transfer	B-EX4D2: Direct thermal B-EX4T2/T3: Direct thermal/ Thermal transfer	Direct thermal/ Thermal transfer	Direct thermal/ Thermal transfer
Printhead	Near Edge	Flat Head	T1: Near Edge / T3: Flat Head	Corner Edge
Max. Print Speed	355.6 mm/seconds (14 ips)	GS/TS: 305 mm/seconds (12 ips) HS: 152.4 mm/seconds (6 ips)	305 mm/seconds (12 ips)	203 mm/seconds (8 ips)
Max. Print Width	104 mm	104 mm	160 mm	213.3 mm
Resolution	GS: 203 dpi TS: 305 dpi	GS: 203 dpi / TS: 300 dpi HS: 600 dpi	GS: 203 dpi TS: 305 dpi	305 dpi
Max. Print Length	1,498 mm	1,498 mm / T3: 498 mm	1,490 mm	1,364 mm
Max. Ribbon Length	800 m	D2: without ribbon, T2: 800 m, T3: 300m	800 m[6] [7]	300 m[6]
Standard Connectivity	USB 2.0, LAN 10/100 Base	USB 2.0, LAN 10/100 Base	USB 2.0, LAN 10/100 Base, IPv6, USB Host/RTC	Parallel port, USB 2.0, LAN (10/100 Base)
Programming Languages/ Modes	TPCL, ZPL, DPL BCI (function)	TPCL, ZPL, DPL[1] BCI (function)[1]	TPCL, ZPL, DPL BCI (function)	TPCL, BCI (function)
Weight	17 kg	B-EX4D2: 15 kg B-EX4T2/T3: 17 kg	20 kg	25 kg
Dimensions (W x D x H)	278 x 460 x 310 mm	278 x 460 x 310 mm	331 x 460 x 310 mm	without roll holder: 417 x 282 x 396 mm
Options	Disc cutter, Rotary cutter, Expansion I/O board, Peel-off & internal rewinder, RFID UHF kit, Ribbon save module, USB host memory interface, RS-232, Parallel port, Wireless LAN RFID	Disc cutter, Peel-off & internal rewinder, Expansion I/O board, RTC (real time clock), USB host memory interface, RS-232[4], Parallel port, Wireless LAN[1], High accuracy peel-off module[5]	Disc cutter, Expansion I/O board, Rotary Cutter[7], Peel-off module, RS-232, Parallel port, Wireless LAN, RFID UHF kit[7] RFID	Swing cutter, Peel-off module, Expansion I/O board, RTC (real time clock), RS-232

[1] For B-EX4D2 and B-EX4T2
[2] For B-EX4T2 only
[3] For B-EX4T2 & B-EX4T3
[4] Standard for B-EX4T3
[5] For B-EX4T3 only
[6] Ribbon save module standard
[7] For B-EX6T1 only

Consumables

The consumables used in the printer are a topic of vital importance in any barcode printing solution. The print quality of the printer is dependent on the quality of the consumables. Only the use of the ribbons certified by Toshiba can ensure the high print quality while extending the life of the head. All ribbons certified by Toshiba are designed and tested in combination with the printers to ensure the highest print quality, least wear to the head and optimum performance.

Application information and recommended print media have value only as a general guideline. Ribbons can be used in many varying applications. However, to get the best results some testing must be done to find the ideal combination of labels and ribbons for your application. The use of consumables not approved by Toshiba may invalidate the warranty of the printhead.



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.

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