

B-EX4D2 B-EX4T2 INDUSTRIAL PRINTER

Product brochure

- › The B-EX4D2 and B-EX4T2 printing solutions feature high quality and economical industrial products which deliver low running costs and total cost of ownership.
- › Available in a variety of resolutions for the most diverse industrial printing applications they easily integrate into existing workflows.
- › Free your business from the constraints of legacy systems - simply plug and play.



HIGH PERFORMANCE AT LOW COSTS

Industrial printing can be very demanding and you need systems you can rely on to keep your business workflows run smoothly. With Toshiba's B-EX4D2 and B-EX4T2 series you have high-performance models available which increase your efficiency while at the same time ensuring economical benefits.

With speeds of up to 12 ips, the 4 inch B-EX4D2 and B-EX4T2 range were made for demanding industrial printing. Advanced processing power ensures not only fast output, but also efficient throughput.

Compatibility

Both series were designed to seamlessly replace existing products, using Z-Mode emulation to integrate into legacy software systems. Flat-head technology, left justified media and the use of inside and outside wound ribbons allows for replacement of ageing and costly to operate printing estates (with easy transition from old label and ribbon stock).

Key Highlights

- > Low cost industrial printing
- > Cost-effective, for legacy system replacement
- > High-performance and extremely durable
- > Extra-long ribbon (600m) for increased productivity
- > Emulation for easy replacement of competitor's products
- > Optional WLAN (2.4 GHz/5 GHz) for improved connectivity

Ribbon & Media

Left-hand aligned media, with the option for inside or outside wound ribbon, ensures compatibility and competitiveness within the media marketplace. An 600 m ribbon is also available, for fewer media changes and further lowering the total cost of ownership.

Easy Maintenance

With innovative technology like double-ribbon motor control, snap-in printheads and field upgradeable options, the B-EX4D2 and B-EX4T2 series continue to lower maintenance costs.

Specialist printing

All models are available in either 203, 300 or 600^l) dpi variants, allowing for specialist high-resolution printing with superior print quality.

Applications

- > Logistics and Postal services
 - Shipping/receiving labels, address labels, pallet labels
- > Manufacturing
 - Carton labels, rating labels, picking labels, parts labels
- > Retail
 - Price label, shelf tags, receipts
- > Other applications
 - Office administration, Hospitality & Leisure ticketing, Healthcare, Utilities & Government



Intuitive usage for utmost efficiency.

SPECIFICATIONS

Models

Direct Thermal	<u>B-EX4D2-GS12</u>		
Resolution	203 dpi (8 dots/mm)		
Thermal Transfer	<u>B-EX4T2-GS12</u>	<u>B-EX4T2-TS12</u>	<u>B-EX4T2-HS12</u>
Resolution	203 dpi (8 dots/mm)	300 dpi (11.8 dots/mm)	600 dpi (23.6 dots/mm)

General

Printhead	Flat head
Dimensions (W x D x H)	278 x 460 x 310 mm
Weight	17 kg
Memory	16 MB (FROM), 32 MB (SRAM)
User interface	Graphic LCD, 2 x LED, 10 x key
Operating Temperature / Humidity	5 - 40°C (41 - 104°F) / 25 - 85% non-condensing relative humidity (RH)
Storage Temperature / Humidity	-40 - 60°C (-40 - 140°F) / 10 - 90% non-condensing relative humidity (RH)
Power supply	AC 100 - 240V, 50/60 Hz

Print

Sensor	Reflective, Transmissible								
Maximum Print Speed	GS & TS: 305 mm/second (12 ips) HS: 152 mm/second (6 ips)								
Maximum Print Width	104 mm								
Print Length	<table><tr><td><u>Direct Thermal</u></td><td><u>Thermal Transfer</u></td></tr><tr><td>Batch: 8-1,498 mm</td><td>Batch: 8-1,498 mm</td></tr><tr><td>Cut: 19-1,494 mm</td><td>Cut: 23.4-1,494 mm</td></tr><tr><td>Peel-off: 13-254 mm</td><td>Peel-off: 23.4-254 mm</td></tr></table>	<u>Direct Thermal</u>	<u>Thermal Transfer</u>	Batch: 8-1,498 mm	Batch: 8-1,498 mm	Cut: 19-1,494 mm	Cut: 23.4-1,494 mm	Peel-off: 13-254 mm	Peel-off: 23.4-254 mm
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Batch: 8-1,498 mm	Batch: 8-1,498 mm								
Cut: 19-1,494 mm	Cut: 23.4-1,494 mm								
Peel-off: 13-254 mm	Peel-off: 23.4-254 mm								
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								
2D Codes	Data Matrix, PDF 417, MaxiCode, QR Code, Micro PDF 417, CP Code, AZTEC Code, GS1 QR Code								
Fonts	Bitmap font, Outline font, Price font, Writeable character, Optional True Type								

Ribbon¹⁾

Ribbon Width	41-112 mm
Ribbon Core Size	25.4 mm (1 inch)
Max. Ribbon Length	600 m
Max. Ribbon Diameter	90 mm

Media

Alignment	Left
Backing Paper Width	25-114 mm
Media Thickness	Label: 0.13-0.17 mm Tag: 0.08-0.17 mm
Inner Media Core Diameter	76.2 mm
Outer media Roll Diameter	200 mm
Media Type	Vellum paper and labels, Matt coated paper, Glossy coated paper, Synthetic film, PET film, Polyimide
Media Format	Roll, Fanfold

Software & Connectivity

Emulation	ZPL II, DPL
Printer Driver	Windows 10/8.1 (32/64 bit), Windows Server 2016, Windows Server 2012 R2/Windows Server 2012, SAP
Interface	USB 2.0, Ethernet 10/100 Base, RS232 ²⁾ , Centronics ²⁾ , Wireless LAN 802.11a/b/g/n/ac (Dual band for 2.4 GHz / 5 GHz) ²⁾³⁾
Language Mode	TPCL, Basic Command Interpreter (BCI)
Label Software	BarTender UltraLite (co-packed)



Options

For B-EX4D2/T2	Cutter, Peel-off & internal rewinder, RTC USB host, RS232, Centronics, Wireless LAN ³⁾
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¹⁾ B-EX4T2 only

²⁾ Optional

³⁾ Availability varies from country to country



About Toshiba Tec

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 70 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.