TOSHIBA

B-EP2
B-EP4
MOBILE PRINTER

Product brochure

- Our best thermal printing innovations, wherever you are, right at your fingertips.
- Compact and stylish, the cool black EP range of 2 inch and 4 inch portable thermal printers are the ultimate in wireless functionality and reliability on the move.



TOGETHER INFORMATION

APPLICATIONS

We have put our big printer technology into the smallest possible package. Perfect for labelling on the shop floor, printing prescriptions on hospital wards, issuing tickets in the street or barcoding in the warehouse.

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

Key Highlights

- Ultra-compact and contemporary rugged design
- Operator keypad with backlit LCD panel
- Superior print speed with “print & peel” labelling
- Large media capacity with quick and easy media loading
- Flexible connectivity incl. USB, Bluetooth and WLAN
- Easy integration into existing systems

RUGGED ENDURANCE ON THE MOVE

Lighter, Faster, Better

We’ve always created the most compact machines on the market. Each one is so small and light that you can wear or carry it and forget that it’s there.

Get top quality printed images at top speeds. The EP range boasts a print speed of up to 4 inches per second. A high-performance 32 bit RISC CPU ensures lightning-fast processing. With ‘peel & present’ on demand, simply take a label and the next one is issued in a flash.

Durable and Robust

In the real world, accidents can happen, so we developed rugged rubber corners and the B-EP2 easily passed a 1.8 m drop test on to concrete. But we didn’t stop there with the rubber — we also used it on the external ports to protect them from any spills. Even strict IP54 enclosure standards against dust and water ingress are surpassed when using the optional carry case.

So simple to use

For user-friendliness and very fast operator training times, there’s nothing like the clear backlit LCD read-out on the larger Toshiba thermal printers. So we put it into the mobile range as well, displaying a label counter, battery level, wireless signal strength and error messages. There’s audible alerts too, just in case.

Less media changes

Papers or labels drop-in with one hand? No problem. The large capacity we’ve designed means changing media much less often. Plus there are no cores required on the rolls, so you only have to deal with minimal waste.

Easy networking

The EP range is Wi-Fi certified, making networking to all wireless or cabled systems a breeze. USB 2.0 and IrDA are standard across all EP models. Simply choose between Bluetooth, WLAN and serial. Some models can even be upgraded to wireless and Bluetooth at a later stage with an optional kit.

Swift integration

With Windows drivers and configuration utilities as standard, integration of the EP series is child’s play. The models speaks many programming languages and is designed to simply plug and play without any software changes, whether it’s a Toshiba printer using TPCL or any make using BCI (Basic Command Interpreter). Both units will handle inputs from other peripherals such as scales and scanners. Uniquely, they also support ESC/POS language.

SPECIFICATIONS

General

Print Method	Direct thermal
Printhead	Flat head
Dimensions (W x D x H)	B-EP2DL: 88 x 65 x 119 mm B-EP4DL: 150 x 145 x 75 mm
Weight	B-EP2DL: ~ 480 g (with battery) B-EP4DL: ~ 860 g (with battery)
Memory	8 MB (FROM), 16 MB (SRAM)
IP Rating	IP54 with optional case
User interface	Backlit LCD, Keypad, Beeper, LED
Operating Temperature / Humidity	RS232C model: -15°C to 50°C Bluetooth model: -5°C to 50°C Wireless LAN model: 0°C to 50°C (LCD operates at 0°C to 50°C) 25-85% non condensing relative humidity (RH)
Storage Temperature / Humidity	-25°C to 60°C, 10-90% non condensing relative humidity (RH)
Power supply	B-EP2DL: Lithium ion battery 7.4V, 2600 mAh B-EP4DL: Lithium ion battery 14.8V, 2600 mAh

Print

Resolution	203 dpi (8 dots/mm)
Sensor	Reflective, Transmissible
Maximum Print Speed	105 mm/second (4.13 ips)
Maximum Print Width	B-EP2DL: 48 mm B-EP4DL: 104 mm
Maximum Print Length	Batch: 7-995 mm Receipts with black mark: 7-995 mm Peel-off: 8-58 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, PDF417, QR Code, Maxi Code, Micro PDF417
Fonts	Bitmap font, Outline font, Writable characters

Media

Alignment	Centred
Backing Paper Width	B-EP2DL: Label: 24-58 mm Tag/Receipt: 24-58 mm B-EP4DL: Label: 48-113 mm Tag/Receipt: 50-115 mm
Inner Media Core Diameter	12 mm (Linerless: 25 mm)
Outer media Roll Diameter	B-EP2DL: 60 mm B-EP4DL: 68 mm
Media Type	Label, Receipt, Coreless media

Software & Connectivity

Emulation	ZPL II
Printer Driver	Windows 10/8/7/Vista (32/64 bit), Windows Server 2012/Server 2008 (32/64 bit)
Interface	RS232C, USB 2.0, Bluetooth, Wireless LAN
Language Mode	TPCL, LABEL, RECEIPT, ESC/POS, BCI (function)
Label Software	BarTender UltraLite

Options

Common	Spare battery, Shoulder strap, 1 & 6 slot chargers, IP54 rated carry case, Linerless label kit, AC & DC adapters, Vehicle cigarette lighter 12V adapter[1)]
RS232 model only	Upgrade interface kit (Bluetooth, Wireless LAN)

[1)] B-EP2 only

BarTender BY SEAGULL SCIENTIFIC
Create and automate labels, barcodes and more



The EP series - delivering innovation, technology and reliability.

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 80 subsidiaries worldwide, Toshiba TEC Corporation helps organisations transform the way they create, record, share, manage and display information.

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