TOSHIBA

B-EP4D

Product brochure

- Our best thermal printing innovations, wherever you are, right at your fingertips.
- Compact and stylish, the 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
  - Portable appliance testing (PAT), receipts for field sales & support charges

Key Highlights

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

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. The B-EP4D printers boast a print speed of up to 4 inches per second. 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-EP4D easily passed a 1.5 m drop test onto concrete. But we didn’t stop there with the rubber — we also used it on the external ports to protect them from any spills.

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 less often. Plus there are no cores required on the rolls, so you only have to deal with minimal waste.

Easy networking

The B-EP4D makes networking to all wireless or cabled systems a breeze. USB 2.0 and IrDA are standard across all EP models. Simply choose between serial, Bluetooth and WLAN for 2.4 GHz/5GHz wireless networks.

Swift integration

With Windows drivers, SAP device drivers and configuration utilities as standard, integration of the EP series is child’s play. The printer 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). The B-EP4D printers will handle inputs from other peripherals such scanners. Uniquely, they also support ESC/POS language.

Specifications

Models

B-EP4DL-GH32-QM-R

Interface	Bluetooth v1.2 + EDR
Weight	860 g (with battery)

B-EP4DL-GH42-QM-R

Interface	WLAN (dual band for 2.4 GHz/5 GHz)
Weight	865 g (with battery)

General

Print Method	Direct thermal
Printhead	Flat head
Dimensions (W x D x H)	150 x 145 x 75 mm
Memory	8 MB (FROM), 16 MB (SRAM)
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)
Battery	Lithium ion battery 14.8V, 2600 mAh

Print

Resolution	203 dpi (8 dots/mm)
Sensor	Reflective, transmissive
Max. Speed	105 mm/second (4.13 ips)
Max. Print Width	104 mm
Max. 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	Label: 48-113 mm Tag/Receipt: 50-115 mm
Inner Media Core Diameter	12 mm (Linerless: 25 mm)
Outer Media Roll Diameter	68 mm
Media Type	Label, receipt, coreless media

Software & Connectivity

Emulation	ZPL II, CPCL
Printer Driver	Windows 10/8.1/8/7 (32/64 bit), Windows Server 2016, Windows Server 2012 R2/Server 2012, Windows Server 2008 R2, SAP
SDK	Windows CE
Interface	RS232C, USB 2.0, Bluetooth V1.2 EDR, WLAN 802.11 a/b/g/n (dual band for 2.4 GHz/5 GHz)
Language Mode	TPCL, LABEL, RECEIPT, ESC/POS, BCI (function)
Label Software	BarTender UltraLite (co-packed)

Options

Common	Spare battery, shoulder strap, 1 & 6 battery slot chargers, AC & DC adapters

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



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.

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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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