

# TOSHIBA

## B-EP4D

### Product brochure

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- 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. The RS232 model can even be upgraded to WLAN and Bluetooth at a later stage with an optional kit.

### 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 as scanners. Uniquely, they also support ESC/POS language.

# Specifications

## Models

<b>B-EP4DLGH20-QM-R</b>	
Interface	RS232C
Weight	855 g (with battery)
<b>B-EP4DL-GH32-QM-R</b>	
Interface	Bluetooth v1.2 + EDR
Weight	860 g (with battery)
<b>B-EP4DL-GH42-QM-R</b>	
Interface	WLAN (dual band for 2.4 GHz/5 GHz)
Weight	865 g (with battery)

## General

<b>Print Method</b>	Direct thermal
<b>Printhead</b>	Flat head
<b>Dimensions (W x D x H)</b>	150 x 145 x 75 mm
<b>Memory</b>	8 MB (FROM), 16 MB (SRAM)
<b>User interface</b>	Backlit LCD, Keypad, Beeper, LED
<b>Operating Temperature / Humidity</b>	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)
<b>Storage Temperature / Humidity</b>	-25°C to 60°C, 10-90% non condensing relative humidity (RH)
<b>Battery</b>	Lithium ion battery 14.8V, 2600 mAh

## Print

<b>Resolution</b>	203 dpi (8 dots/mm)
<b>Sensor</b>	Reflective, transmissive
<b>Max. Speed</b>	105 mm/second (4.13 ips)
<b>Max. Print Width</b>	104 mm
<b>Max. Print Length</b>	Batch: 7-995 mm Receipts with black mark: 7-995 mm Peel-off: 8-58 mm
<b>Barcodes</b>	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
<b>2D Codes</b>	Data Matrix, PDF417, QR Code, Maxi Code, Micro PDF417
<b>Fonts</b>	Bitmap font, outline font, writable characters

## Media

<b>Alignment</b>	Centred
<b>Backing Paper Width</b>	Label: 48-113 mm Tag/Receipt: 50-115 mm
<b>Inner Media Core Diameter</b>	12 mm (Linerless: 25 mm)
<b>Outer Media Roll Diameter</b>	68 mm
<b>Media Type</b>	Label, receipt, coreless media

## Software & Connectivity

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

## Options

<b>Common</b>	Spare battery, shoulder strap, 1 & 6 battery slot chargers, AC & DC adapters
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**BarTender**  
BY SAGOL SCIENTIFIC  
Create and automate  
labels, barcodes and more



## About Toshiba Tec

Toshiba Tec UK Imaging Systems 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.

For more information please contact us:

Toshiba Tec UK Imaging Systems  
Abbey Cloisters  
Abbey Green  
Chertsey, KT16 8RB

Telephone  
0843 224 4944

Website  
[www.toshibatec.co.uk](http://www.toshibatec.co.uk)

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.

