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.

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: -15ºC to 50ºC Bluetooth model: -5ºC to 50ºC Wireless LAN model: 0ºC to 50ºC (LCD operates at 0°C to 50°C) 25-85% non condensing relative humidity (RH)
Storage Temperature / Humidity	-25ºC to 60ºC, 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

Toshiba (Australia) Pty Limited is part of the globally operating Toshiba Tec Corporation, active in various high-tech industrial sectors.

Toshiba 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 (Australia) Pty Limited
Building C, 12-24 Talavera Road,
North Ryde. 2113. Australia
Tel: 1300 794 202

New Zealand
32 Lunn Avenue, Mt Wellington
Tel: 09 570 8530

www.toshiba-business.com.au
www.toshiba-business.co.nz

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.

For more information please visit www.toshiba-business.com.au

TOSHIBA

B-FP2D

MOBILE PRINTER

Product brochure

> Expand the potential of your mobile workforce with Toshiba's compact and rugged range of mobile label, receipt and tag printers.

> New powerful system achitecture enhances the printer's performance whilst future-proofing your investment.

> Designed for the ultimate user experience with easy operation and flexibility to operate in the most diverse working environments.

The Expanding Mobile Workplace

Delivering reliability to meet future challenges

Every business is unique. That's why Toshiba offers the most reliable print solutions that meet all your labelling requirements, day after day. Toshiba barcode printers provide connectivity and solutions to adapt to the needs of an ever-changing workplace.

Toshiba's barcode printers continue to deliver on our promise of Together Information – our commitment to collaborate with clients to provide tailored, cost-effective solutions that meet your evolving workplace needs.

Printing on the move – Fast, lightweight and built to last

Print labels, receipts and tags wherever and whenever you need. Our mobile printers enable you to continue functioning while on the move. In today's fast moving world, it is important to be able to react fast. All our printers are designed to operate in the most diverse working environments. They are robust and durable yet lightweight and easy to use.

Key to Success in Mobility

So simple to use

Small and light, easy to handle, the portable series has been designed with the user in mind. Simple to operate with a full colour graphical LCD display, providing easily visible status updates. Drop-in, large capacity media loading, for quick and efficient media changes and a double tear-off bar for operator flexibility.

Durability built in

For ultimate durability, the B-FP2D is protected on all sides by robust rubber bumpers and withstands a drop test of up to 2.0 m. Tested to meet IP54 requirements for dust and water ingress, this rugged portable device can endure the harshest of working environments[1] .

Speed & efficiency

A series of features makes sure your mobile printer is ready to print labels and receipts quickly and efficiently at the touch of a button, while the powerful long-life battery keeps your business up and running.

- Market leading print speeds of up to 152mm (6 inches) per second

- Advanced CPU processes your data quickly

- No waiting with a rapid boot-time

Adaptable integration

The B-FP series cannot only expand existing mobile systems but has everything on-board to be compatible with the latest systems including JPOS/OPOS drivers for retail operations, SDK and DLL for iOS and Android, Windows CE and Windows Mobile.

- Language capabilities - TPCL, ZPL II, CPCL, SBPL, ESC/POS, Basic Command Interpreter (BCI)

- Open type fonts as standard

- NFC for Bluetooth pairing

- MFi support for iOS device Bluetooth connection

- Supports USB Type C charging

- 2.4 GHz / 5 GHz Wireless LAN support

Fit for Future Trends

Future-Ready Operating System
The redesigned OS platform supports multi print language emulation, which enables simple integration into complex IT environments. This OS architecture ensures it will keep pace even with the latest technology standards and requirements.

Maintenance Alert
The B-FP2D displays an alert when either the print head or platen roller are approaching their optimum life time. With this alert function, maintenance parts can be replaced at the right time so that printers continue to deliver outstanding performance in business critical processes.

Intelligent Charging
Alongside the ability to use Toshiba legacy charging systems, the B-FP2D adds intelligent battery life monitoring. When the battery is charged inside the printer, the printer monitors the charge cycle and is able to detect battery deterioration before it happens. The operator is notified of the battery condition.

Mobility & Connectivity
The new OS platform meets the increasing requirements of mobile operators. NFC pairing allows easy on-demand Bluetooth connection so that operators can easily use their handheld devices to print to, configure, and control these devices.

Applications

Delivering reliability to meet future challenges
Toshiba's range of mobile printers are perfect for the widest range of 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
  - Mobile pharmacy, patient IDs, document & lab sample tracking
- Public Services
  - Traffic wardens, police, facilities operatives & public transport (tickets, fines, utility billing, meter reading, etc.)
- Field Support
  - Portable appliance testing (PAT), receipts for field sales & support charges

Specification Overview

B-FP2D-GH

Models	B-FP2D-GH30 (Bluetooth)
	B-FP2D-GH50 (Bluetooth + WLAN)
Print Mode	Batch, peel-off
Weight	470 g
Max. Print Width	54 mm
Max. Print Length	995 mm
Durability	2.0 m
IP54 compliant[1]	yes
Battery	2,500 mAh
Display	128 x 128 pixel colour LCD
	2 x LED (colors: blue, orange, red), 3 x keys
Max. Media Roll	φ60 mm (2.36")
Max. Print Speed	152 mm/second (6 ips)

OPTIONS

1-slot cradle

4-slot cradle

Carry case

Shoulder strap

[1] The printers are tested according to IP54 standards. The paper path is excluded as moisture or dust can enter this area. If dust or water enters the paper path clean the media reservoir and replace the media.

About Toshiba

Toshiba (Australia) Pty Limited is part of the globally operating Toshiba Tec Corporation, active in various high-tech industrial sectors.

Toshiba 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 (Australia) Pty Limited
Building C, 12-24 Talavera Road,
North Ryde. 2113. Australia
Tel: 1300 794 202

New Zealand
32 Lunn Avenue, Mt Wellington
Tel: 09 570 8530

www.toshiba-business.com.au
www.toshiba-business.co.nz

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.

For more information please visit www.toshiba-business.com.au or www.toshiba-business.co.nz