# TOSHIBA



# B-FP2D
## Mobile Printer Series

## Datasheet

- Expand the potential of your mobile workforce, with Toshiba's compact and rugged range of mobile 2 inch label printers.

- Focusing on label printing including price mark-down, shelf labelling, shipping labelling and others, the powerful system achitecture enhances the printer's performance whilst future-proofing your investment.

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

### Ready when you are!
Market leading print speeds of up to 152 mm/second (6 ips), faster processing with an advanced CPU and a rapid boot time, guarantee the B-FP2D is ready to print labels and receipts quickly and efficiently at the touch of a button. A long-life, powerful battery offers extended operational time to keep your business moving — and minimise down-time.

### Simple to use
Small and light, easy to handle, the B-FP2D 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.



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# Specifications

## Models

| | | |
|---|---|---|
| **B-FP2D-GH-30** | Batch/peel-off | USB, Bluetooth |
| **B-FP2D-GH-50** | Batch/peel-off | USB, Bluetooth & WLAN (dual band 2.4 GHz & 5 GHz) |

## General

| | |
|---|---|
| **Print Method** | Direct thermal |
| **Printhead** | Flat head |
| **Dimensions (W x D x H)** | 97 x 130 x 69 mm |
| **Weight** | B-FP2D-GH-30:　462 g<br>B-FP2D-GH-50:　467 g |
| **Memory** | 128 MB Flash ROM, 32 MB SDRAM |
| **IP Rating** | IP54 (excluding paper path) |
| **User Interface** | 128 x 128 pixel colour LCD display,<br>2 x LED (colours: blue, orange, red), 3 x keys |
| **Operating Temperature/ Humidity** | -15°C - 50°C (5°F - 122°F),<br>25 - 85% non-condensing relative humidity (RH) |
| **Charging Temperature / Humidity** | 0°C - 40°C (32°F - 104°F),<br>25 - 85% non-condensing relative humidity (RH) |
| **Battery** | Lithium ion battery 7.2V, 2,500 mAh |

## Print

| | |
|---|---|
| **Resolution** | 203 dpi (8 dots/mm) |
| **Sensor** | Reflective, transmissive |
| **Max. Speed** | 152 mm/second (6 ips) |
| **Max. Print Width** | 54 mm |
| **Max. Print Length** | Batch: 7-995 mm<br>Receipts with black mark: 7-995 mm<br>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, POSTNET, RM4SCC, KIX-Code, GS1 Databar, Plessy |
| **2D Codes** | Data Matrix, PDF417, QR Code, Maxi Code, Micro PDF417, Micro QR, GS1 Data Matrix, Aztec |
| **Fonts** | Bitmap, Outline, Price Font, TTF (True Type Font), OTF (Open Type Font), Writable characters |

## Media

| | |
|---|---|
| **Alignment** | Centred |
| **Backing Paper Width** | 26-58 mm |
| **Inner Media Core Diameter** | 12 mm |
| **Outer Media Roll Diameter** | 60 mm |
| **Media Type** | Label, receipt, tag |
| **Issue Mode** | Batch, peel-off |

## Software & Connectivity

| | |
|---|---|
| **Language Mode** | TPCL, Label, ESC/POS, BCI (function) |
| **Emulation** | Z-Mode, C-Mode, S-Mode |
| **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, OPOS, JPOS, SAP |
| **SDK** | iOS, Android, Windows CE, Java, .NET |
| **Interface** | USB 2.0 HS, Mfi certfied (made for iPhone/iPad/iPod), Bluetooth V2.1 + EDR, NFC (for Bluetooth pairing) WLAN dual Band (2.4 & 5 GHz), IEEE 802.11 a/b/g/n |
| **Label Software** | BarTender UltraLite (co-packed) |
| **IoT Device Management** | SOTI Connect (only GH50 Model) |

## Options

Spare battery, shoulder strap, 1 & 6 battery slot chargers, linerless kit, 1 & 4 slot cradle chargers, carry case, AC adapter

**BarTender** BY SEAGULL SCIENTIFIC

**SOTI CONNECT**

Made for **iPhone** | **iPad** | **iPod**

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