

# B-FP3D

## Mobile Printer Series

### Datasheet

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- > New applications with the compact and robust three-inch mobile printer series for label and receipt printing.
- > Stable, durable, and easy-to-use.
- > Multitude of applications including trade, logistics, catering, police, healthcare, government, and transport up to field service.



#### Maximum security

The mobile printers from the B-FP3D series are protected on all sides with a rubber bumper, meaning they can withstand a fall from 1.6 metres. The IP54 safety class means printers can endure extreme conditions, increasing the range of usable printer applications in previously unworkable situations.

#### Charging - any time, any place

The wireless charging Qi products are a new feature in Toshiba's range of mobile printers. The inductive power transmission technology means the printer only needs to be placed on the charging device, thus avoiding any wear and tear to the charging points. Additionally, the B-FP3D series can still be charged using previous powering options available in the B-EP series, including via main adaptors, a battery charger (one or six slots), or a cigarette lighter adapter.

#### Adaptable connectivity

A wide selection of drivers, various software development kits, current printer language emulation, and AirWatch® Mobile Device Management (MDM). MDM support ensures individual integration into existing IT equipment.

# SPECIFICATIONS

## General

<b>Print Method</b>	B-FP3D-GS30 & -GS40 Standard: Direct thermal B-FP3D-GH30 & -GH40 Plus: Direct thermal
<b>Printhead</b>	Flat Head
<b>Media Sensor</b>	Transmissive, reflective
<b>Dimensions (W x D x H)</b>	116 x 150 x 80 mm
<b>Weight</b>	battery included: B-FP3D-GS30 & -GS40 Standard: 650 g B-FP3D-GH30 & -GH40 Plus: 660 g
<b>IP Rating</b>	IP54 <sup>1)</sup> (excluding paper path)
<b>User Interface</b>	128 x 128 pixel colour LCD display, 2 LEDs, 3 keys
<b>Operating Temperature/ Humidity</b>	-15°C to 40°C (0°C to 50°C loading temperature)/ 25-85 % non-condensing relative humidity (RH)
<b>Power Supply</b>	Lithium-ion battery 7.4V, 2,500 mAh
<b>Memory</b>	16/32 <sup>1)</sup> MB SRAM, FlashROM 64MB
<b>Drop Test</b>	1.6 m (multiple times to concrete)
<b>Standard Supply</b>	Battery, belt clip, print head cleaner <sup>1)</sup> , strip module <sup>1)</sup>

## Print

<b>Resolution</b>	203 dpi (8 dots/mm)
<b>Max. Print Speed</b>	152.4 mm/second (6 ips)
<b>Max. Print Width</b>	72 mm
<b>Max. Print Length</b>	999 mm
<b>Barcodes</b>	UPC/EAN/JAN, CODE 39, CODE 93, CODE 128, EAN 128, NW-7, MSI, Interleaved 1 of 5, Industrial 2 of 5, Postnet, RM4SCC, KIX-Code, GS1 Databar, Plessey
<b>2D Codes</b>	Data Matrix, PDF417, Maxicode, QR Code, Micro PDF 417, Micro QR, Security QR, GS1 Data Matrix
<b>Fonts</b>	Bitmap, Outline, Price Font, TTF (True Type Font), OTF (Open Type Font), Writable characters

## Media

<b>Alignment</b>	Centre
<b>Media Width</b>	24-80 mm
<b>Media Thickness</b>	0.058-0.165 mm
<b>Media Height</b>	Batch: 7 mm Strip <sup>1)</sup> : 10 mm
<b>Inner Media Roll Diameter</b>	12 mm (with/without core)
<b>Outer Media Roll Diameter</b>	Max. 68 mm
<b>Media Type</b>	Roll, Fanfold, Receipt, Tag, Label
<b>Issue Mode</b>	Batch, Strip <sup>1)</sup>

## Software & Connectivity

<b>Language Mode</b>	TPCL, Label, ZPL II, CPCL, ESC/POS, BCI (function)
<b>Printer Driver</b>	Windows 10/8/7 (32/64 bit), Windows Server 2012/ Server 2008 (32/64 bit), OPOS, JPOS
<b>Software Development Kit</b>	iOS, Android, Windows CE/Windows Mobile, MDM for Airwatch, Skyprint App
<b>Interface</b>	GH30/GS30: USB 2.0, Bluetooth 4.0 BLE Dual GH40/GS40: USB 2.0, WLAN 802.11 b/g/n NFC to connect to Bluetooth/WLAN
<b>Label Software</b>	BarTender Ultra Light

## Options

Charger, Shoulder strap, Spare batteries, 1 & 6 slot battery chargers, AC & DC adapter (24-48V), Wireless charger unit (Qi method)<sup>2)</sup>, Vehicle cigarette lighter 12V adapter

<sup>1)</sup> B-FP3D Plus only

<sup>2)</sup> Built to order



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