

B-FP3D

Mobile Printer Series

Datasheet



- > 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

Print Method	B-FP3D-GS30 & -GS40 Standard: Direct thermal B-FP3D-GH30, -GH40 Plus & -GH52: Direct thermal
Printhead	Flat Head
Media Sensor	Transmissive, reflective
Dimensions (W x D x H)	116 x 150 x 80 mm
Weight	battery included: B-FP3D-GS30 & -GS40 Standard: 650 g B-FP3D-GH30 & -GH40 Plus: 660 g
IP Rating	IP54 ¹⁾ (excluding paper path)
User Interface	128 x 128 pixel colour LCD display, 2 LEDs, 3 keys
Operating Temperature/ Humidity	-15°C to 40°C (0°C to 50°C loading temperature)/ 25-85% non-condensing relative humidity (RH)
Power Supply	Lithium-ion battery 7.4V, 2,500 mAh
Memory	16/32 ²⁾ MB SRAM, FlashROM 64MB
Drop Test	1.6 m (multiple times to concrete)
Standard Supply	Battery, belt clip, print head cleaner ¹⁾ , strip module ¹⁾

Print

Resolution	203 dpi (8 dots/mm)
Max. Print Speed	152.4 mm/second (6 ips)
Max. Print Width	72 mm
Max. Print Length	999 mm
Barcodes	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
2D Codes	Data Matrix, PDF417, Maxicode, QR Code, Micro PDF 417, Micro QR, Security QR, GS1 Data Matrix
Fonts	Bitmap, Outline, Price Font, TTF (True Type Font), OTF (Open Type Font), Writable characters

Media

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

Software & Connectivity

Language Mode	TPCL, Label, ZPL II, CPCL, ESC/POS, BCI (function)
Printer Driver	Windows 10/8/7 (32/64 bit), Windows Server 2012/ Server 2008 (32/64 bit), OPOS, JPOS
Software Development Kit	iOS, Android, Windows CE/Windows Mobile, MDM for Airwatch, Skyprint App
Interface	GH30/GS30: USB 2.0, Bluetooth 4.0 BLE Dual GH40/GS40: USB 2.0, WLAN 802.11 b/g/n GH52: USB 2.0, Bluetooth 4.0 BLE Dual, WLAN 802.11 a/b/g/n NFC to connect to Bluetooth/WLAN
Label Software	BarTender Ultra Light

Options

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

¹⁾ B-FP3D Plus only

²⁾ Built to order



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