B-EP4D

MOBILE PRINTER

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

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) [2]. The B-EP4D printers will handle inputs from other peripherals such scanners. Uniquely, they also support ESC/POS language.

Specifications

Models

B-EP4DL-GH20-QM-R / B-EP4DL-GH20-CN-R
(Interface: RS232C)

B-EP4DL-GH32-QM-R / B-EP4DL-GH32-CN-R
(Interface: Bluetooth v1.2+EDR)

B-EP4DL-GH42-QM-R / B-EP4DL-GH42-CN-R
(Interface: Wireless LAN (802.11 a/b/g/n))

* The models vary depending on sales regions or interface.

General

Print Method	Direct thermal
Printhead	Flat head
Dimensions (W x D x H)	150 x 145 x 77 mm
Weight	RS232C Model: 855 g (with Battery) Bluetooth Model: 860 g (with Battery) WLAN Model: 865 g (with Battery)
Memory	8 MB (FROM), 16 MB (SRAM)
Durability	1.5 m
User Interface	Backlit LCD, Keypad, Beeper, LED
Operating Temperature / Humidity	GH20/GH32: -15°C - 50°C (5°F - 122°F)* GH42: 0°C - 50°C (32°F - 122°F) 25 - 85% non condensing relative humidity (RH) * LCD display: 0°C - 50°C (32°F - 122°F)
Storage Temperature / Humidity	-25°C - 60°C (-13°F - 140°F), 10 - 90% non condensing relative humidity (RH)
Battery	Lithium ion 14.8V, 2600 mAh

Print

Resolution	203 dpi (8 dots/mm)
Sensor	Reflective, Transmissible
Maximum Print Speed	105 mm/second (4.13 ips)
Maximum Print Width	104 mm
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: 50 - 115 mm
Inner Media Core Diameter	12 mm (Linerless: 25 mm)
Outer Media Roll Diameter	68 mm
Media Type	Label, receipt, coreless media
Issue Mode	Batch, Peel-off

Software & Connectivity

Emulation	ZPL II [1], CPCL [1]
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)
Language Mode	TPCL, LABEL, RECEIPT, ESC/POS [1], Basic Command Interpreter (BCI) [2]
Label Software	BarTender UltraLite (co-packed)

Options

1-slot battery charger, 6-slot battery charger
AC adapter
DC adapter [1]
Spare Battery
Shoulder strap
Linerless label kit

[1] Optional

[1] B-EP4DL-GH42 is not support.
[2] Availability varies from country to country

BarTender
BY SEAGULL SCIENTIFIC®

Create and automate
labels, barcodes and more

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