

# TEC PORTABLE PRINTER **B-415**



## TEC 4" PORTABLE PRINTER **B-415**

### Features

- The most compact and lightest 4" portable printer (104 mm) available today.
- Easy label replacement with drop & go operation.
- Easy battery loading.
- RF, IrDA and RS-232C interfaces available.
- Tough durable design.
- A compact high capacity Li-ion battery is used. Smart battery technology indicates when a recharge is necessary.
- Various 2-dimensional codes are available.
- Linerless labels can be used. The linerless label adapter is included with the printer.
- High speed printing at up to 50 mm/sec.

### Applications

- Warehousing - shipping labels, inventory control labels, picking labels
- Door-to-door sales - Invoicing, delivery notes
- Retail - shelf edge labels, price and discount labels, receipts
- Textiles/clothing - swing tickets, sale price labels
- Ticketing - event entry tickets
- Logistics - shipping labels, tracking labels, routing labels

Any application requiring small and/or high quality labels in a mobile environment



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## Printing

- Direct thermal printing
- Issue mode: Batch / Strip
- Resolution: 8 dots/mm (203 dpi)
- Maximum effective print width: 101.6 mm
- Print Speed: Max 50.8mm/sec (2"/sec)

(Printing speed is automatically adjusted to suit the environment.)

## Format

- Character Types:  
Alphanumeric, symbols and special characters
- Bit map fonts:  
Times Roman, Helvetica, Courier, Presentation, Letter Gothic, Prestige Elite, Standard / Characters under bars, Bold, Price Font, OCR
- Outline fonts:  
Dutch801, Brush738, GOTHIC725
- Writable Characters:  
A maximum of 128 can be stored (16 x 16 dots, 24 x 24 dots)
- A maximum of 40 label formats can be stored.
- Barcodes: UPC/EAN/JAN, Code39, Code128, CODABAR (NW7), Code128, EAN128, Interleaved 2 of 5, MSI
- 2-D code symbologies:  
Datamatrix, PDF417, Maxicode, QR code, MicroPDF417, Customer barcode
- Graphic: One graphic file (Max. 16 Kbyte) can be stored

## Paper

- Paper type: Labels, Receipts and Linerless paper are available
- Label width: 30 to 104.6 mm (including liner)
- Media width  
Label: 27 to 101.6 mm  
Receipt: 30 to 104.6 mm  
Linerless: 30 to 94.6 mm
- Effective print width  
Label: up to 98.6 mm  
Receipt: up to 101.6 mm  
Linerless: up to 91.6 mm
- Paper length:  
7 to 390 mm (Strip mode:  
9 to 63.5 mm)

## Interfaces

- RS-232C: 9600bps, Xon/Xoff protocol, (cable connector :DDK: DHF - PDA10- 3-A01)
- IrDA Specifications  
Communication mode:  
Physical layer conforms to IrDA SIR  
Transfer speed: 19,200 bps  
Communication angle: within 15°  
Communication distance: within 0.3m  
Communication protocol: TEC original
- RF Specifications  
Communication mode:  
Start-stop synchronization  
Communication direction:  
Reception only  
Transmission rate: 4800 bps
- Applicable Model  
B-415-GH24-QM RS-232C IrDA  
B-415-GH34-QP RS-232C IrDA RF (433MHz)  
B-415-GH34-GB RS-232C IrDA RF (418MHz)

## Physical

- Size: 180(W) x 111(H) x 57(D)mm
- Weight: 800g (Including battery)

## Environmental

- -5 to 49°C
- 25 ~ 85%  
Non-condensing relative humidity

## Power supply

- Lithium ion battery:  
7.2V, 3000 mAh (Nominal capacity)

## Options

- Battery: B-415-BT
- Battery Charger: B-415-CHG

For your safety, please use the battery and battery charger supplied by TOSHIBA TEC CORPORATION. In the event that paper, batteries, or battery chargers other than those specified are used, printer performance is not guaranteed.



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- This paper is made of recycled paper.

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