

B-211  
B-415



Specifications

	B-211	B-415
Printing		
Technology	Direct thermal	
Issue mode	Batch / Peel-off	
Resolution	8 dots/mm (203 dpi)	
Print Width	Max. 48mm (1.89inches)	Max. 101.6mm (4inches)
Print Speed	50.8mm/sec (2 ips)*	
	* Printing speed is automatically adjusted to suit the environment.	
Format		
	Storage for up to 20 formats	Storage for up to 40 formats
Character Types	Alphanumeric, symbols and special characters	
Bit Map Fonts	Times Roman, Helvetica, Courier, Presentation, Letter Gothic, Gothic 725 Black, Price Font Writable Characters: Up to 50 characters can be stored (24 x 24 dots)	Times Roman, Helvetica, Courier, Presentation, Letter Gothic, Gothic 725 Black, Price Font, OCR Writable Characters: Up to 128 characters can be stored (16 x 16 dots, 24 x 24 dots)
Outline Fonts	TEC font, Dutch 801, Brush 738, Gothic 725 Black	
Barcode Types	NW7, EAN 8/13, Code 39, Code 128, ITF, EAN 128	UPC/EAN/JAN, Code 39, Code 128, NW7, MSI, ITF
2D Codes	PDF 417	Data Matrix, PDF 417, Maxi-code, QR code, Micro PDF 417, Customer code
Graphic / Logo	48 (W) x 20 (H) mm size can be stored	One graphic file (max. 16 Kb) can be stored
Print Orientation	0°, 90°, 180° and 270° for characters and barcodes	

Paper		
Paper Type	Labels, receipts	Labels, receipts and linerless paper
Paper Width	Label: 31 to 52mm Receipt: 34 to 55mm	Label: 27 to 101.6mm Receipt: 30 to 104.6mm Linerless: 30 to 94.6mm
Effective Print Width	Label: up to 48mm Receipt: up to 48mm	Label: up to 98.6 mm Receipt: up to 101.6mm Linerless: up to 91.6mm
Paper Length Label	Batch Mode: 7 to 160mm Peel-off Mode: 10 to 60mm	Batch Mode: 7 to 390mm Peel-off Mode: 10 to 63.5mm
Paper Length Continuous receipt paper	7 to 160mm	-
Interface		
	RS-232C (B-211-GH23-QM)	-
	RS-232C + IrDA (B-211-GH24-QM)	RS-232C + IrDA (B-415-GH24-QM)
	RS-232C + 418 MHz RF (B-211-GH11-GB)	RS-232C + IrDA + 418 MHz RF (B-415-GH34-GB)
	RS-232C + 433 MHz RF (B-211-GH12-QP)	RS-232C + IrDA + 433 MHz RF (B-415-GH34-QP)
Physical		
Size	128 (W) x 88 (H) x 50 (D) mm*	180 (W) x 111 (H) x 57 (D) mm
Weight	460g**	800g**
	* Not including belt-clip and cover open lever ** Including battery, excluding paper roll	
Environmental		
Operating Temperatures	from -5°C to 40°C	from -5°C to 49°C
Relative Humidity	25 to 85%	
	non-condensing relative humidity	
Power Supply	Lithium ion battery: 7.2V, 1350mAh (normal capacity)	Lithium ion battery: 7.2V, 3000mAh (normal capacity)
Options		
Battery	B-213-BT	B-415-BT
Battery Charger	B-211-CHG-QP	B-415-CHG
Battery Charger cable	CBL-B211-CHG-QP	CBL-B211-CHG-QP
Protective carry case	Yes	Yes

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

Your TOSHIBA TEC dealer:

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B-211/B-415  
Portable Printers



These thermal printers from TOSHIBA TEC are the perfect portable solution whenever labels and/or receipts must be printed on the spot.

Their flexibility and power efficiency make them an ideal compact printing tool for supermarkets, retail, warehousing and logistics, ticketing, etc.



**B-211**  
**B-415**



The B-211 and B-415 from TOSHIBA TEC are among the most compact and lightweight portable printers available on the market. These fully-featured printers offer all of the functions expected of a sophisticated portable printer, supported by the latest technological developments, including cutting-edge battery technology, as well as infrared, radio frequency and serial communication - depending on the model. Both printers use TOSHIBA CPUs coupled to TOSHIBA TEC's unique peripheral drive circuitry to provide maximum performance.



# Ultimate performance in a portable design!

## Fully featured

The B-211 and B-415 portable printers are equipped with a variety of convenient features, such as a re-issue button to immediately reprint the last label and flash memory with a storage capability of up to 20 formats and 40 formats respectively. Furthermore, to ensure perfect quality every time the power is switched on or the media is changed, the printer automatically checks the printhead.

## Interfaces

The B-211 and B-415 portable printers can be used in wireless environments at 418 MHz or 433 MHz radio frequencies.

The B-211 comes with an RS-232 interface as standard and either an infrared (IrDA) or a radio frequency (RF) capability in addition. The B-415 is equipped with an infrared (IrDA) interface and an RS-232 serial port as standard, and RF as an option. With the addition on request of Bluetooth or 802.11b connectivity, these printers offer the flexibility to meet all your future requirements.

## Efficient battery use

The latest and smartest lithium-ion battery technology is incorporated in these printers. The B-415 battery is 'Intelligent' with a data port that supplies the CPU with battery life information and allows it to be charged in as little as 2.5 hours. The B-211 battery is 75% charged in just one hour. Battery access and loading is easy and fast, typically taking only 3 to 4 seconds to change. The low power consumption of the B-211 and B-415 allows printing of 300\* to 1000+\* labels per single battery charge.

## Easy operation

Loading labels or receipts is a simple operation. Just open the cover, drop in the labels then close the cover. Once the cover is closed, the media is fed and adjusted to the correct starting position - all automatically. The peel-off feature is standard on both models.

\*subject to label size, print content and operating temperatures

## in a portable design!



**B-211**

**B-415**

## Compact, light and hands-free

Both the B-211 and the B-415 can easily fit in the palm of your hand. Their weight does not exceed 460g and 800g respectively. The B-211 has a 48mm print width, and the B-415 can print formats up to 101.6mm wide.

## Applications

The B-211 and B-415 portable printers are the best solution whenever small and/or high quality labels are required in a mobile environment. For example:

- Retail: shelf-edge labels, price and discount labels, receipts
- Warehousing, transport and logistics: shipping labels, inventory control labels, picking labels, tracking labels, routing labels

- Textile/clothing: swing tickets, sale price labels
- Ticketing: event entry tickets
- Route sales: invoicing and delivery notes

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