

# B-211 B-415



## Specifications

	B-211	B-415
<b>Printing</b>		
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.	
<b>Format</b>		
	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	

## TOSHIBA TEC Europe Retail Information Systems European Operations

### Austria

Triester Straße 14  
2351 Wiener Neudorf  
Tel.: +43 (0) 2236 49 766  
Fax: +43 (0) 2236 49 794

### Belgium

Celideestraat 33 rue de la Célidée  
1080 Brussel-Bruxelles  
Tel.: +32 (0) 2 410 21 00  
Fax: +32 (0) 2 410 68 69

### France

23/25 Avenue Jeanne d'Arc  
94117 Arcueil Cedex  
Tel.: +33 (0) 1 58 07 20 00  
Fax: +33 (0) 1 58 07 20 07

### Germany

Europark Fichtenhain B15  
47807 Krefeld  
Tel.: +49 (0) 2151/838-01  
Fax: +49 (0) 2151/838-480

### Ireland

Unit 11, Naas Road Business Park  
Naas Road, Dublin 12  
Tel.: +353 (0) 1-450-1511  
Fax: +353 (0) 1-450-0683

### Portugal

Dr. José Joaquim de Almeida, 2-4°-i  
Sto Amaro de Oeiras  
2780-337 Oeiras  
Tel.: +351 21-446-7966  
Fax: +351 21-441-5836

<b>Paper</b>		
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	-
<b>Interface</b>		
	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)
<b>Physical</b>		
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	
<b>Environmental</b>		
Operating Temperatures	from -5°C to 40°C	from -5°C to 49°C
Relative Humidity	25 to 85% non-condensing relative humidity	
<b>Power Supply</b>		
	Lithium ion battery: 7.2V, 1350mAh (normal capacity)	Lithium ion battery: 7.2V, 3000mAh (normal capacity)
<b>Options</b>		
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:

### Spain

C/ Doctor Esquerdo, 207  
28007 Madrid  
Tel.: +34 91 502-1590  
Fax: +34 91 501-8100

### The Netherlands

Maanlander 14E  
3824 MP Amersfoort  
Tel.: +31 (0) 33 4759456  
Fax: +31 (0) 33 4759460

### UK

Siskin House, Marlins Meadow  
Croxley Business Park  
Watford, Herts WD18 8TY  
Tel.: +44 (0) 1923 233688  
Fax: +44 (0) 1923 233698

**TEC**  
TOSHIBA TEC EUROPE  
Retail Information Systems

### TEC Italia S.R.L.

Via L. da Vinci, 39/D  
20094 Corsico (MI)  
Tel.: +39 02 48 60 24 61  
Fax: +39 02 45 83 930

### TEC Polska Sp. z o.o.

Ul. Marynarska, 21  
02-674 Warszawa  
Tel.: +48 22 640 48 58  
Fax: +48 22 640 48 53

2171/E-04-03 - www.tec.eu

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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.

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**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.



**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

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

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