B-EX6
Industrial Printer

Datasheet

› The Toshiba B-EX6 series — redefining the Industrial printer marketplace. Combining market leading technology with usability, reliability and the lowest total cost of ownership.

› Extending the capabilities of our existing range of B-EX printers to cover the most demanding applications, for heavy duty industrial printing.

› Rugged and durable design, advanced functionality, cost saving features and a wide choice of models and options for the best "all-in-one" industrial solution.

Improve your efficiency
Supporting 6 inch media, with speeds of up to 12 inches per second, the B-EX6 range can handle the most demanding printing applications. In addition, high throughput is facilitated with advanced processing capabilities, increasing overall efficiency and productivity.

Cost of Ownership
Toshiba's unique ribbon save mode and an 800 m ribbon improve efficiencies and ultimately reduce costs over the life of the printer.

Flexible Design
The B-EX6 has been designed with the same durability and reliability as the B-EX4 range, with rugged and robust outer casing. But we have added more — a bi-cover to reduce footprint and opening space, and essential operator usability, for ease of operation, reduced maintenance costs, and minimal down-time.

e-CONCEPT®

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Specifications

General

Print Method	Direct thermal/Thermal transfer
Print Head	T1: Near edge head T3: Flat head
Dimensions (W x D x H)	331 x 460 x 310 mm
Weight	20 kg
User Interface	Graphic LCD, 2 x LED, 10 x key
Operating Temperature / Humidity	5°C to 40°C / 25-85% non-condensing relative humidity (RH)
Power supply	AC 100 to 240V, 50/60 Hz

Print

Resolution	203/305 dpi (8/12 dots/mm)
Maximum Print Speed	305 mm/second (12 ips)
Maximum Print Width	160 mm
Maximum Print Length	1,490 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, PDF 417, Maxicode, QR Code, Micro PDF 417, CP Code
Fonts	Bitmap font, Outline font, Price font, TTF, OTF

Ribbon

Ribbon Type	Roll
Ribbon Width	55-170 mm
Ribbon Core Size	25.4 mm (1 inch)
Max. Ribbon Length	800 m
Max. Ribbon Diameter	90 mm

Media

Alignment	Centre
Backing Paper Width	50-165 mm
Media Thickness	0.08-0.25 mm
Inner Media Core Diameter	40-76.2 mm
Outer Media Roll Diameter	200 mm
Media Type	Roll, Fanfold

Software & Connectivity

Printer Driver	Windows 10/8/7 (32/64 bit), Windows Server 2016/2012/2008 (32/64 bit), SAP driver, Cups driver for Linux
Interface	USB 2.0, LAN 10/100 Base, IPv6, USB Host/RTC, RS232[1], Centronics[1], Wireless LAN[1], Expansion I/O board[1]
Language Mode	TPCL, BCI (function)
Emulation	ZPL II, DPL
Label Software	BarTender UltraLite

Options

Disc cutter, Rotary cutter[2], Peel-off module, RS232, Centronics, Wireless LAN, Expansion I/O board, RFID UHF kit[2]

[1] Optional
[2] For T1 model only

BarTender®

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