

- > Industrial 4" Thermal Label Printer
- > Low Cost of Operation
- > Designed for Scalability and Flexibility
- > Low Maintenance
- > Energy Star Certified



> **B-EX4T2**



**STANDARD FEATURES**

- > Flat edge print head design
- > Thermal transfer or direct thermal
- > Models in 200 dpi, 300 dpi, 600 dpi
- > 32MB DRAM, 16MB Flash
- > Dual ribbon motor
- > Ribbon capacity – 600 meter
- > Maximum speed - 12 ips
- > ZPL II® emulation
- > ENERGY STAR certified
- > Long head life – 3 million linear inches¹
- > Snap-in user upgradeable print heads
- > XML enabled Printing
- > Rugged metal construction

KEY SELLING FEATURES**Performance Leader**

- Best in class print speed, large DRAM & flash memory
- High reliability designed for industrial printing

Low TCO (Total Cost of Operation)

- Dual Ribbon Motor System
 - Ensures better ribbon handling
 - Eliminates ribbon wrinkling or unusable, unscannable labels
- Long-lasting print head
 - Supports up to 3 million linear inches¹
 - Less user intervention and print head replacement cost
- Large 600 meter ribbon
 - Minimize user intervention
- ENERGY STAR
 - Low energy consumption in idle and print mode
 - Substantial energy and cost savings

Flexibility

- User installable snap-in print heads
 - 200 to 300 dpi interchangeable print heads without tools
 - Auto print head detection
 - Easy service and maintenance
- Emulation Technology
 - ZPL II® emulation standard
 - Seamless integration into existing environments
- Scalable with RFID upgradability²
 - Protect investment and support RFID growth initiatives

Ease of Use

- Easy ribbon and media loading
 - Designed for single step loading without threading or multiple steps
 - Ensures maximum uptime
- Network Printer Management Tool
 - Monitor and control printers from desktop

Environmental

| | |
|---------------------------------|---|
| Operating Temperature | 40°F -104°F (5°C - 40°C) |
| Operating Humidity | 25 - 85 % RH (non- condensing) |
| Power Consumption | Printing Mode: 116W, .59A Stand-By Mode: 15W or less Sleep Mode: 5.7W, .09A |
| Physical Dimensions (W x H x D) | 10.9" x 12.2" x 18.11" (278 mm x 310mm x 460mm) |
| Weight | 36.7 lbs./17 kg |
| Weight Shipping | 41.9 lbs./19Kg |

Models

B-EX4T2-GS (200 dpi), B-EX4T2-TS (300 dpi), B-EX4T2-HS (600 dpi),
B-EX4D2-GS (200 dpi Direct Thermal)

Printer Specifications

| | |
|-----------------------|---|
| Technology | Thermal transfer/ Direct thermal |
| Resolution | 200 dpi (8 dots/mm), 300 dpi (11.6 dots/mm) |
| Print Speed (Maximum) | 200 dpi: 12 ips (300 mm/sec), 300 dpi: 12 ips (305 mm/sec), 600 dpi: 6 ips (152 mm/sec) |
| Memory | DRAM - 32MB, Flash - 16MB |
| Graphic Display | 128 x 64 pixel |
| Print Length | 58.9" |
| Print Width | 4.09"(104 mm) |

Media

| | |
|-------------------------|--|
| Ribbon Length | 600M |
| Ribbon Core Diameter | 1.01" ± 0.008" (Ø25.7± 0.2mm) |
| Ribbon Outer Diameter | 3.45" (90mm) |
| Media Sensors | Adjustable reflective (Black Mark) Adjustable transmissive (Gap, Notch, Hole) Disable (Continuous media) |
| Media Length | .31"-58.9" (8.0mm – 1498mm) |
| Media Width | .98"-4.72" (25.0mm – 120mm) (including backing) |
| Media Thickness | Label: .003"- .007" (.08mm - .17mm) Tag: .003"- .010" (.08mm - .263mm) |
| Programming Languages | TPCL (TOSHIBA Print Command Language) ZPL (Zebra Programming Language) |
| Interfaces Standard | USB 2.0, Ethernet |
| Interfaces Optional | Wireless or Serial, Parallel, Expansion I/O, RTC (real time clock) and USB |
| Options and Accessories | Disc cutter Peel off with liner rewind Partial roll rewind (internally rewinds) RFID (UHF)Module 300 dpi thermal head |
| Bar Code Symbologies | |
| Linear Bar Codes: | JAN8, JAN13, EAN8, EAN8+2 digits, EAN8+5 digits, EAN13, EAN13+2 digits, EAN13+5 digits, UPC-E, UPC-E+2 digits, UPC-E+5 digits, UPC-A, UPC-A+2 digits, UPC-A+5 digits, MSI, ITF, NW-7, CODE39, CODE93, CODE128, EAN128, Industrial 2 to 5, Customer Bar Code, POSTNET, KIX CODE, RM4SCC (ROYAL MAIL 4 STATE CUSTOMER CODE), GS1 DataBar |
| 2 – Dimensional: | Data Matrix, PDF417, QR code, Maxi Code, Micro PDF417, CP Code |

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