



# Xprinter®

## XP-T453B/T453E

Thermal Transfer/Direct Thermal



Thermal Transfer / Direct Thermal

## XP-T453B/T453E

- Use virtually any media for greater flexibility across a variety of use cases.
- Larger available memory to store more fonts, graphics and data.
- Standard RTC supports to print date and time on labels automatically.
- Standard SD card slot for flash memory expansion.
- 5 Inch media OD capacity design, reducing interruptions and enhancing efficiency.
- 300 meters ribbon capacity design, reducing interruptions and enhancing efficiency.
- Compatible with 0.5inch / 1 inch I.D. ribbon.
- Support TSPL-EZD emulation.
- Add optional peel-off or cutter module to enhance efficiency in field.
- Rich connectivity options. With serial port, ethernet port, and wireless interface available.



Printer Specifications	XP-T453B	XP-T453E
<b>Resolution</b>	203DPI	300 DPI
<b>Print Method</b>	Thermal Transfer/ Direct Thermal	
<b>Memory</b>	Standard: 32 MB SDRAM, 16 MB Flash(Optional: 64 MB SDRAM, 128 MB Flash)	
<b>Max. Print width</b>	4.09 in./104 mm	4.25 in./108 mm
<b>Max. Print Speed</b>	Up to 6 ips (152 mm/s)	Up to 4 ips (102 mm/s)
<b>Media Sensors</b>	Movable Black Mark Sensor / Movable Gap Sensor	
<b>Emulation</b>	TSPL, ZPL, EPL, DPL	
<b>Interface</b>	USB, USB+Serial, USB+Ethernet, USB+Serial+Ethernet, Optional Wireless Connectivity: Bluetooth / Wi-Fi	
<b>Others</b>	Standard RTC, Standard SD Card Slot	

Media and Ribbon Characteristics		
<b>Media Length</b>	0.39 in.-70 in.(10 mm-1778 mm)	0.39 in. - 35 in. (10 - 889 mm)
<b>Media Width</b>	0.78 in. - 4.6 in. (20 mm - 118 mm)	1 in. - 4.6 in. (25.4 mm - 118 mm)
<b>Media Roll Size</b>	5 in./127 mm Outer Diameter / Core Inner Diameter: 1 in. (25.4 mm) - 1.5in. (38.1mm)	
<b>Thickness</b>	0.0023 in.(0.06 mm) Min.; 0.01 in.(0.254 mm) Max.	
<b>Media Types</b>	Continuous, Gap, Black mark, Fan-fold, Perforated Media	
<b>Ribbon Outside Diameter</b>	2.63 in./67 mm	
<b>Max. Ribbon Length</b>	300 Meters ( 984 ft.) \ 110 Meters (360 ft.)	
<b>Ribbon Width</b>	1 in.-4.3 in.(25.4 mm-110 mm)	
<b>Ribbon Core I.D.</b>	0.5 in./12.7 mm, 1 in./ 25.4 mm	

Environment Condition	
<b>Operating Temp.</b>	5~40°C (41~104°F)
<b>Storage Temp.</b>	-40~60°C (-40~140°F)
<b>Operating Humidity</b>	25 ~ 85% Non-Condensing
<b>Storage Humidity</b>	10 ~ 90% Non-Condensing

Fonts/Graphics/Symbologies	
<b>1D Bar Codes</b>	Code 39, Code 93, Code 128UCC, Code 128 subsets A, B, C, Codabar, Interleaved 2 of 5, EAN-8,EAN-13,EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST, GS1 DataBar, Code 11
<b>2D Bar Codes</b>	PDF-417, Maxicode, DataMatrix, QR code, Aztec
<b>Fonts and Graphics</b>	Font 0 ~ Font 8

Software	
<b>Driver</b>	Windows / Linux / Mac / Android / Chrome OS
<b>SDK</b>	Windows / Linux / Android / iOS
<b>Software</b>	Bartender UltraLite / Mobile Label Design App

Accessories	
<b>Standard Accessories</b>	Power Adapter, Power Cord, USB Cable, User Manual, CD, Label spindle, Fixing tab*2, Ribbon for test, Label Roll For Test, Ribbon Spindle*2, Ribbon Paper Core
<b>Factory Installed Options</b>	Bluetooth Module, Wi-Fi Module, Peel-off Module, Cutter Module
<b>User Options</b>	8" External Paper Roll Holder

Product Warranty	
<b>Printhead life</b>	The earlier of 30 km usage or 1 year
<b>Platen roller life</b>	The earlier of 30 km usage or 1 year
<b>Printer Warranty</b>	1 Year

Physical Characteristics	
<b>Dimension</b>	282 × 232 × 171 mm (D × W × H)
<b>Weight</b>	2.56 kg



Scan QR code to checkout Xprinter website for more update information.  
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