

XD5-40t

4-inch Thermal
Desktop Label Printer



Manufacturing



Logistics



Retail



Healthcare

Robust and highly featured



RFID XD5-40tR



XD5-40t



Reliable and Solid Performance

- Supporting Direct Thermal and Thermal Transfer label printing
- Fast print speeds of up to 6 ips
- Optional 300 dpi high resolution choice for fine print quality
- Dual-band Wireless Lan and Bluetooth®
- Extended memory space up to 256MB SDRAM, 512MB Flash
- A suite of SDKs for major operating systems
- Building standalone label printing solution using XI, BIXOLON's BASIC programming Interpreter

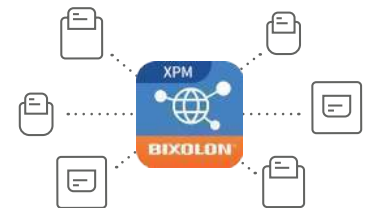


Media Guide

Media Holder

Next Level Usability

- Supports UHF RFID print and encode capability plus minimum encoding inlay pitch of 0.6 inch (16mm) inlay
- An adjustable media guide and a holder
- Compact clamshell design with intuitive menu buttons and optional LCD Display (LCD display as standard on XD5-40tR)
- Suitable for both 1/2-inch and 1-inch core ribbon (74 m and 300 m)
- Field-installable Peeler and Auto Cutter



Secure and Efficient Management

- Twin fution™ supported: Copy printer setting and data by USB
- Compatible with label design software; BIXOLON's Label Artist™ and Seagull's BarTender®
- XPM™ & XCM™
- Web-based printer management software and connection app

BIXOLON
a Better Solution for your Business™

XD5-40t

4-inch Thermal Desktop Label Printer



XD5-40t

XD5-40tR

Specifications

Printer Specifications

Print Method

Thermal Transfer or Direct Thermal

Print Speed

XD5-40t: Up to 6 ips (152 mm/sec)

XD5-43t: Up to 4 ips (102 mm/sec)

Print Resolution

XD5-40t: 203 dpi

XD5-43t: 300 dpi

Print Width

XD5-40t: Up to 108 mm

XD5-43t: Up to 105.7 mm

Print Length

Up to 1,000 mm

Sensor

Transmissive (Fixed), Reflective (Adjustable), Head Open, Ribbon-End

Media Characteristics

Media Type

Gap, Black Mark, Notch, Continuous, Fan-Fold, Cardboard, Roll-fed

Media Width

15 ~ 118 mm

Media Roll Diameter

Up to 127 mm

Media Thickness

0.06 ~ 0.20 mm

Supply Method

Easy Paper Loading

Inner Core

25.4 ~ 38.1 mm

Ribbon Characteristics

Ribbon Type

Wax, Wax/Resin, Resin, Outside

Ribbon Width

33 ~ 110 mm

Ribbon Length

Up to 300 m

Core Inner Diameter

25.4 mm, 12.7 mm

Physical Characteristics

Dimensions (WxDxH)

210 x 284 x 188 mm

(8.3 x 11.2 x 7.4 inch)

Weight

2.48 kg (5.46 lbs.)

Electrical

EnergyStar Certified,
External Power Adapter 100-240 V AC, 50/60 Hz

Automatic Detection

Supported

Display

Standard: None

Optional: FSTN LCD (200 x 100 pixels)

XD5-40tR

Standard: FSTN LCD (200 x 100 pixels)

LED indications

Supported

Performance Characteristics

Memory

STD: 64 MB SDRAM, 128 MB Flash

Optional: ① 64 MB SDRAM, 128 MB Flash

② 256 MB SDRAM, 256 MB Flash

③ 256 MB SDRAM, 512 MB Flash

XD5-40tR (RFID)

STD: 256 MB SDRAM, 256 MB Flash

Interface

Standard: USB + USB Host

Optional:

① USB + USB Host + Serial+Ethernet

② USB + USB Host + Serial + Ethernet + WLAN

③ USB + USB Host + Serial + Ethernet + Bluetooth

XD5-40tR (RFID)

Standard: USB + USB Host + Serial + Ethernet

Optional:

① USB + USB Host + Serial + Ethernet + WLAN

② USB + USB Host + Serial + Ethernet + Bluetooth

WLAN: 2.4G/5GHz, 802.11a/b/g/n

(Infrastructure, Ad-hoc, Wi-Fi Direct, SoftAP)

- WEP40/104, WPA1/2 (PSK, EAP)

Ethernet: 10/100Mbps

Serial : RS232 (DB9)

Real Time Clock

Supported (Optional)

Environment Characteristics

Temperature

Operating: 5 ~ 40°C (41 ~ 104°F)

Storage: -20 ~ 60°C (-4 ~ 140°F)

Humidity

Operating: 10 ~ 80% RH

Storage: 10 ~ 90% RH

Software

Emulation

SLCS™, BPL-Z™, BPL-E™, BPL-D™ (Optional)

Driver / Utility

Windows Drivers for 10/11 (Europlus/Seagull),

Linux/Mac CUPS Driver,

Virtual COM USB/Ethernet Driver, Utility Program,

OPOS/JPOS Driver, Bartender Ultralite for BIXOLON,

Device Driver for SAP®, Network Auto Installer

Developer Tools

Android/iOS/Windows SDK, Linux SDK,

Xamarin SDK, Web Print SDK, XI(Optional),

Cordova Plugin, MAUI SDK, Flutter Plugin,

React Native SDK

Design & Print

Label Artist-II™, Label Artist™ Web,
Label Artist™ Mobile (Android, iOS),
mPrint App (Android, iOS)

MDM (Optional)

BIXOLON Profile Manager - XPM™,

XCM™ (Windows, Android), SOTI Connect supported

Fonts / Graphics / Symbologies

Fonts

Bitmap Fonts (10 SLCS™, 16 BPL-Z™, 5 BPL-E™,
9 BPL-D™), Scalable Fonts (1 SLCS™, 1 BPL-Z™,
1 BPL-D™), 23 Code page,
Unicode supported (UTF-8, UTF-16LE, UTF-16BE)

Graphics

Supporting user-defined fonts, graphics,
formats and logos

Barcode Symbologies

1D: Codabar, Code 11, Code 39, Code 93, Code 128,
EAN-13, EAN-8, Industrial 2-of-5,
Interleaved 2-of-5, Logmars, MSI, Plessey,
Postnet, GS1 DataBar (RSS-14), Standard 2-of-5,
UPC and EAN 2 or 5, UPC-A, UPC-E, IMB,
Planet Code

2D: Aztec, Codablock, Code 49, Data Matrix,
MaxiCode, MicroPDF, PDF417, QR code, TLC 39

Accessories / Supplies

Included in the box

AC/DC Adapter, Power-Cord, USB-Cable,
Holder-Ribbon x2, Core-Paper(0.5", 1")

Options & Accessories

Peeler, Auto Cutter, External Paper Supply, Serial cable

Compatible Supplies

B-ribbon™, B-band™

RFID

Frequency

UHF, 865 ~ 868 MHz (EU), 902 ~ 928 MHz (KR, USA)

Transmit Power

1W

Modulation

ASK

Protocol

ISO 18000-6C (EPC Class1 Gen2)

Auto Cutter

Optional

Tag Pitch

Min 16mm