

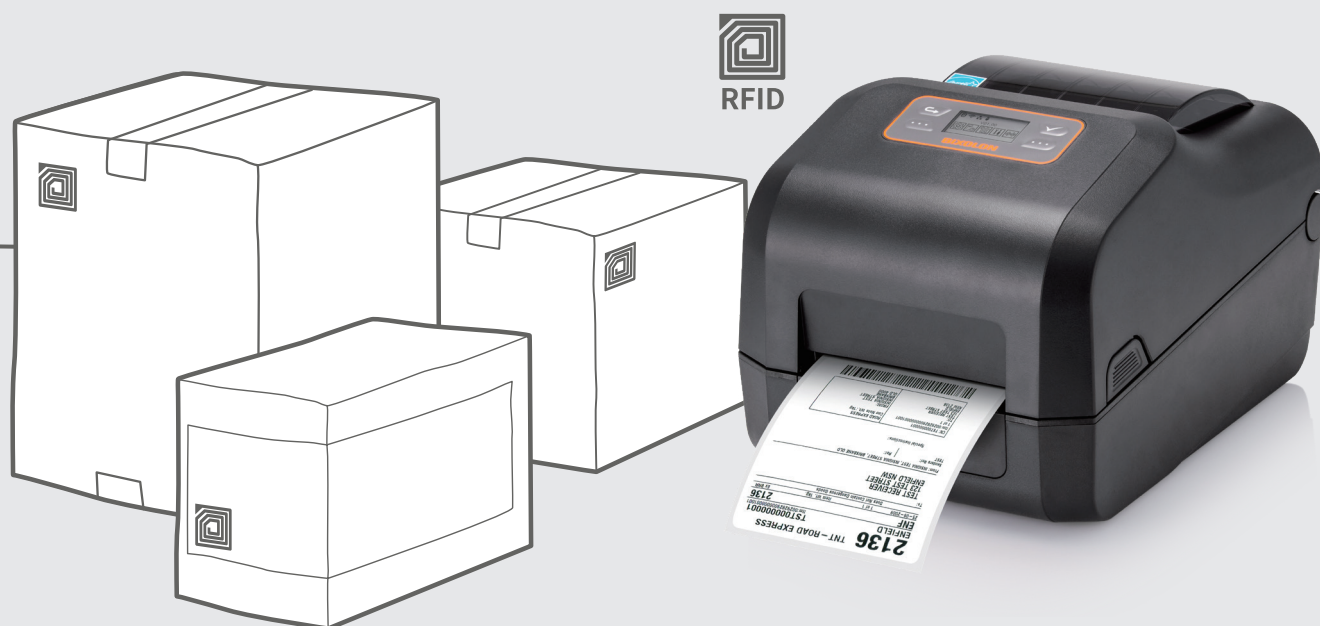
XD5-40tR

4-inch Thermal Transfer
Desktop RFID Label Printer



Manufacturing Logistics Retail Healthcare

Robust and Highly-featured



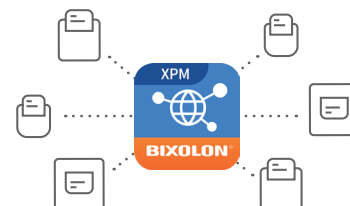
Reliable and Solid Performance

- Optional 300 dpi high resolution choice for fine print quality
- Dual-band Wireless Lan (5 GHz and 2.4 GHz) supporting SNMP and Bluetooth®
- Extended memory space up to 256 MB SDRAM, 256 MB Flash
- A suite of SDKs for major operating systems
- Building standalone label printing solution using XI, BIXOLON's BASIC programming Interpreter



Next Level Usability

- Supports UHF RFID print and encode capability plus minimum encoding inlay pitch of 0.6 inch (16 mm) inlay
- An adjustable media guide and a holder
- Intuitive menu buttons and standard LCD Display
- 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 function™ supported: Copy printer setting and data by USB
- Direct printing from the SAP® Smart Forms
- Compatible with label design software; BIXOLON's Label Artist™ and Seagull's BarTender®
- Compatible with diverse MDM solutions (SOTI - Connect and BIXOLON Profile Manager XPM™, XCM™)

XD5-40tR

4-inch Thermal Transfer Desktop RFID Label Printer

Specifications

Printer Specifications

Print Method

Thermal Transfer or Direct Thermal

Print Speed

XD5-40tR: Up to 6 ips (152 mm/sec)
XD5-43tR: Up to 4 ips (102 mm/sec)

Print Resolution

XD5-40tR: 203 dpi
XD5-43tR: 300 dpi

Print Width

XD5-40tR: Up to 108 mm
XD5-43tR: Up to 105.7 mm

Print Length

Up to 1,000 mm

Sensor

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

Media Characteristics

Media Type

Gap, Black Mark, Notch, Continuous, Fan-Fold

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 Adaptor 100-240 V AC, 50/60 Hz

Display

Standard: FSTN LCD (200 x 100 pixels)

Performance Characteristics

Memory

STD: 256 MB SDRAM, 256 MB Flash

Interface

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

Real Time Clock

Supported (Standard)

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

SLCST™, BPL-Z™, BPL-E™, BPL-D™

Driver / Utility

Windows Driver (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 SLCST™, 16 BPL-Z™, 5 BPL-E™,
9 BPL-D™), Scalable Fonts (1 SLCST™, 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/EAN extensions,
UPC-A, UPC-E, IMB
2D: Aztec, Codablock, Code 49, Data Matrix,
MaxiCode, MicroPDF417, PDF417, QR code,
TLC 39

Accessories

Standard

USB cable

Optional

Peeler, Auto Cutter, External Paper Supply,
Serial cable

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 16 mm