XD5-40 Series
4-inch Desktop Label Printers

Manufacturing   Logistics   Retail   Healthcare

Robust and highly featured
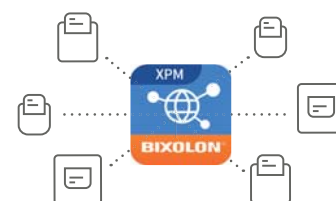
XD5-40t

XD5-40d

Media Holder

Media Guide

Reliable and Solid Performance

- Supporting Direct Thermal(XD5-40d) and Thermal Transfer(XD5-40t) label printing
- Fast processing and print speed of up to 7 ips (XD5-40d), 6 ips (XD5-40t)
- Optional 300 dpi high resolution choice for fine print quality
- Dual-band WLAN (5 GHz and 2.4 GHz)
- Dual-mode Bluetooth V4.1 Classic and LE
- Extended memory space up to 256MB SDRAM, 256MB Flash

Next Level Usability

- An adjustable media guide and a holder
- Compact clamshell design with intuitive menu buttons and optional LCD Display
- Suitable for both 1/2-inch and 1-inch core ribbon (74 m and 300 m)
- Field-installable Peeler and Auto Cutter
- Compatible with label design software; BIXOLON's Label Artist™ and Seagull's BarTender®

Secure and Efficient Management

- Twin Function™ supported: Copy printer setting and data by USB
- SNMP enabled WLAN functionality
- XPM™ & XCM™ - Web-based printer management software and connection app

BIXOLON
a Better Solution for your Business™

XD5-40 Series
4-inch Desktop Label Printers

XD5-40d

XD5-40t

Specifications

Printer Specifications

Print Method
XD5-40d : Direct Thermal
XD5-40t : Thermal Transfer or Direct Thermal

Print Speed
XD5-40d: Up to 7 ips (178 mm/sec)
XD5-43d: Up to 5 ips (127 mm/sec)
XD5-40t: Up to 6 ips (152 mm/sec)
XD5-43t: Up to 4 ips (102 mm/sec)

Print Resolution
XD5-40d, 40t : 203 dpi
XD5-43d, 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

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 ~ 38.1mm

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)
XD5-40d: 194 x 248 x 169 mm
　　　　　(7.64 x 9.76 x 6.65 inch)
XD5-40t: 210 x 284 x 188 mm
　　　　　(8.3 x 11.2 x 7.4 inch)

Weight
XD5-40d: 1.89kg (4.17 lbs.)
XD5-40t: 2.48kg (5.46 lbs.)

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

Display
Standard: None
Optional: FSTN LCD (200 x 100 pixels)

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

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

WLAN: Built-in type, 802.11a/b/g/n (2.4G and 5G)
Bluetooth: Built-in type, V4.2 Classic / LE, Class 1,
　　　　　MFi certified
Ethernet: 10/100Mbps

Real Time Clock
Supported (Option)

Environment Characteristics

Temperature
Operating: XD5-40d: 0 ~ 40°C (32 ~ 104°F)
　　　　　　XD5-40t: 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™ (ZPLII), BPL-E™ (EPL)

Driver / Utility
Windows Driver (Europlus / Seagull)
Linux / Mac CUPS Driver
Virtual COM USB / Ethernet Driver
Utility Program
OPOS/JPOS Driver
Bartender Ultralite for BIXOLON
Label Artist™-II
SAP® Device Driver

SDK / Plugin
Android / iOS / Windows SDK, Linux SDK,
Chrome SDK, Xamarin SDK

Application
Label Artist™ Mobile (Android, iOS),
mPrint App (Android, iOS),
mPrint Server (Windows, iOS, aOS)

MDM (Optional)
BIXOLON Profile Manager
- XPM™, XCM™ (Windows, Android)

Fonts / Graphics / Symbologies

Fonts
10 SLCS™ / One SLCS™ / 16 BPL-Z™ / One BPL-Z™
/ 5 BPL-E™ / 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
Cable-USB

Optional
Peeler, Auto Cutter, External Paper Supply

Supplies

B-ribbon™, B-band™