English

XD5-40 Series

4-inch Desktop Label Printer

Manufacturing Logistics Retail Healthcare

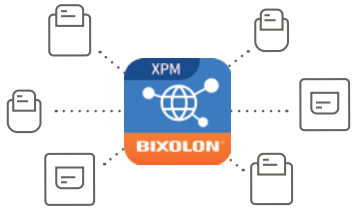
Robust and highly featured

Reliable and Solid Performance

- Supporting Direct Thermal(XD5-40d) and Thermal Transfer(XD5-40t) label printing
- Fast processing and print speeds 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) and Bluetooth V5.0 (MFi certified)
- Extended memory space up to 256MB SDRAM, 256MB Flash
- A suite of SDKs for major operating systems

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 funtion™ 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™

XD5-40 Series

4-inch Desktop Label Printer

XD5-40d XD5-40t XD5-40tR

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
XD5-40d & XD5-40t
Standard: None
Optional: FSTN LCD (200 x 100 pixels)

XD5-40tR
Standard : 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
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: 802.11a/b/g/n (Infrastructure, Ad-hoc, Wi-Fi Direct, SoftAP) - WEP40/104, WPA1/2 (PSK, EAP)
Bluetooth: V5.0 (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™, BPL-E™, BPL-D™ (Optional)

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, Web Print SDK

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

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

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/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, Serial cable

Supplies

B-ribbon™, B-band™

RFID

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

Transmit Power
1W

Modulation
ASK

Protocol
ISO 18000-6C(EPC Class1 Gen2)

Auto Cutter
Optional

Tag Pitch
Min 16mm

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