

# XD5-40II Series

4-inch Direct Thermal and Thermal Transfer Desktop Label Printers



XD5-40IId

XD5-40IIIt

**Key Features**

- Available in direct thermal (XD5-40IId), thermal transfer (XD5-40IIIt), RFID (XD5-40IIItR) and healthcare (XD5-40IId-H, XD5-40IIIt-H) models
- XD5-40IId-H, XD5-40IIIt-H :
- IEC 60601-1 medical-grade compliant power adapter, ensuring safe and reliable use in healthcare facilities
- White plastic housing designed for easy disinfection and cleaning, with high resistance to UV discoloration

**Print Characteristics**

**Print Method**

XD5-40IId: Direct Thermal  
XD5-40IIIt: Thermal Transfer or Direct Thermal

**Print Speed**

XD5-40IId: Up to 8 ips (203 mm/sec)  
XD5-43IId: Up to 6 ips (152 mm/sec)  
XD5-40IIIt: Up to 8 ips (203 mm/sec)  
XD5-43IIIt: Up to 6 ips (152 mm/sec)

**Print Resolution**

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

**Print Width**

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

**Print Length**

Up to 1,000 mm

**Sensor**

Transmissive (Fixed),  
Reflective (Adjustable), Head Open,  
Ribbon-End (XD5-40IIIt / XD5-40IIItR only)

**Media Characteristics**

**Media Type**

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

**Media Width**

15 to 118 mm

**Media Roll Diameter**

Up to 127 mm

**Media Thickness**

0.06 to 0.20 mm

**Supply Method**

Easy Paper Loading

**Inner Core**

25.4 to 38.1 mm

**Ribbon Characteristics**

**Ribbon Type**

Wax, Wax/Resin, Resin, Outside

**Ribbon Width**

33 to 110 mm

**Ribbon Length**

Up to 300 m

**Core Inner Diameter**

25.4 mm, 12.7 mm

**Physical Characteristics**

**Dimensions (W x L x H)**

XD5-40IId: 194 x 248 x 169 mm  
(7.64 x 9.76 x 6.65 inch)  
XD5-40IIIt: 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 VAC,  
50/60 Hz

**Display**

XD5-40IId & XD5-40IIIt  
Standard: None  
Optional: FSTN LCD (200 x 100 pixels)  
XD5-40IId-H, XD5-40IIIt-H, XD5-40IIItR  
Standard: FSTN LCD (200 x 100 pixels)

**Performance**

**Memory**

512 MB SDRAM, 512 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®  
XD5-40IIItR / XD5-40IId-H, XD5-40IIIt-H  
Standard: USB + USB Host + Serial + Ethernet  
Optional: ① USB + USB Host + Serial + Ethernet + WLAN  
② USB + USB Host + Serial + Ethernet + Bluetooth

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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 (Optional)

**Environment Characteristics**

**Temperature**

Operating: 0 to 41°C (32 to 105°F)  
Storage: -40 to 60°C (-40 to 140°F)

**Humidity**

Operating: 10 to 80% RH  
Storage: 5 to 95% RH

**Software**

**Emulation**

SLCS™, BPL-Z™ (ZPL II®), BPL-E™ (EPL™),  
BPL-D™ (DPL)

**Driver/Utility**

Windows® Driver (Europlus/Seagull),  
Linux/Mac® CUPS Driver,  
Virtual COM USB/Ethernet Driver,  
Utility Program, OPOS/JPOS Driver,  
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),  
Bartender® Ultralite for BIXOLON

**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)

**Downloadable Objects**

Supporting user-defined fonts (TTF, TTE,  
FNT), 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,  
ISBT-128  
2D: Aztec, Codablock, Code 49,  
Data Matrix, MaxiCode, MicroPDF417,  
PDF417, QR code, TLC 39

**Accessories/Supplies**

**Included in the Box**

AC/DC Adapter, Power Cord, USB Cable  
XD5-40IIIt, XD5-40IIItR, XD5-40IIIt-H:  
Holder Ribbon x 2,  
Core Paper (0.5-inch, 1-inch)

**Options & Accessories**

Peeler, Auto Cutter,  
External Paper Supply, Serial Cable

**Compatible Supplies**

B-ribbon™, B-band™

**RFID**

**Frequency**

UHF, 865 to 868 MHz (EU),  
902 to 928 MHz (KR, US)

**Transmit Power**

1W

**Modulation**

ASK

**Protocol**

ISO 18000-6C (EPC Class1 Gen2)

**Auto Cutter**

Optional

**Tag Pitch**

Min 16 mm