

XD5-40 Series

4-inch Direct Thermal and Thermal Transfer Desktop Label Printers



Print Characteristics

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

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

Print Width

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

Print Length

Up to 1,000 mm

Sensor

Transmissive (Fixed), Reflective (Adjustable),
Head Open,
Ribbon-End (XD5-40t/XD5-40tR 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)

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

Electrical

EnergyStar® Certified,
External Power Adapter 100-240 VAC,
50/60 Hz

Display

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

Performance

Memory

STD: 64 MB SDRAM, 128 MB Flash
Optional: ① 256 MB SDRAM, 256 MB Flash
② 256 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

Real Time Clock

Supported (Optional)

Environment Characteristics

Temperature

Operating:
XD5-40d: 0 to 40°C (32 to 104°F)
XD5-40t: 5 to 40°C (41 to 104°F)
Storage: -20 to 60°C (-4 to 140°F)

Humidity

Operating: 10 to 80% RH
Storage: 10 to 90% RH

Software

Emulation

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

Driver/Utility

Windows® Driver (Europlus/Seagull),
Linux®/macOS® 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
(Android/iOS/Windows/macOS), 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),
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)

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
XD5-40t: 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, USA)

Transmit Power

1W

Modulation

ASK

Protocol

ISO 18000-6C (EPC Class1 Gen2)

Auto Cutter

Optional

Tag Pitch

Min 16 mm