

XD3-40 Series

4-inch Direct Thermal and Thermal Transfer
Desktop Label Printers



Print Characteristics

Print Method

XD3-40d: Direct Thermal
XD3-40t: Thermal Transfer or
Direct Thermal

Print Speed

Up to 5 ips (127 mm/sec)

Print Resolution

203 dpi

Print Width

Up to 104 mm

Print Length

Up to 1,000 mm

Sensor

Transmissive (Fixed), Reflective (Adjustable),
Head Open, Ribbon-End (XD3-40t 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)

XD3-40d: 181 x 222 x 168 mm
(7.13 x 8.74 x 6.62 inch)

XD3-40t: 210 x 284 x 186 mm
(8.3 x 11.2 x 7.3 inch)

Weight

XD3-40d: 1.7 kg (3.75 lbs.)

XD3-40t: 2.6 kg (5.73 lbs.)

Electrical

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

Healthcare Model

XD3-40d: Supported (Optional)
- IEC 60601-1 Medical-Grade Compliant Power
Supply, ensuring safe and reliable use in
healthcare facilities
- White plastic housing designed for easy
disinfection and cleaning, with high
resistance to UV discoloration
XD3-40t: Not Supported

Performance Characteristics

Memory

64 MB SDRAM, 128 MB Flash

Interface

Standard: USB
Optional: USB + Serial + Ethernet

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, 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

Windows SDK, Linux SDK, Xamarin SDK,
Web Print SDK (Android/iOS/Windows/macOS),
Cordova Plugin, MAUI SDK, Flutter™ Plugin,
React Native SDK

Design & Print

Label Artist-II™, Label Artist™ Web,
Bartender Ultralite for BIXOLON

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, Code49,
Data Matrix, MaxiCode, MicroPDF417,
PDF417, QR Code, TLC39

Accessories/Supplies

Included in the Box

AC/DC Adapter, Power Cord, USB Cable
XD3-40t: Holder-Ribbon x 2,
Core Paper (0.5-inch, 1-inch)

Options & Accessories

Peeler, External Paper Supply,
Serial Cable

Compatible Supplies

B-ribbon™, B-band™