

XD5-40II Series

4-inch Direct Thermal and Thermal Transfer Desktop Label Printers



XD5-40IId

XD5-40IIt

Key Features

- Available in direct thermal (XD5-40IId), thermal transfer (XD5-40IIt), RFID (XD5-40IItR) and healthcare (XD5-40IId-H, XD5-40IIt-H) models
- XD5-40IId-H, XD5-40IIt-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

XD5-40IIt: 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)

XD5-40IIt: Up to 8 ips (203 mm/sec)

XD5-43IIt: 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 (XD5-40IIt / XD5-40IItR 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)

XD5-40IIt: 210 x 284 x 188 mm
(8.3 x 11.2 x 7.4 inch)

Weight

XD5-40IId: 2.01 kg (4.43 lbs.)

XD5-40IIt: 2.48 kg (5.46 lbs.)

Electrical

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

Display

XD5-40IId & XD5-40IIt

Standard: None

Optional: FSTN LCD (200 x 100 pixels)

XD5-40IId-H, XD5-40IIt-H, XD5-40IItR

Standard: FSTN LCD (200 x 100 pixels)

Performance

Memory

512 MB SDRAM, 512 MB Flash

Interface

Standard: USB + USB Host

Optional: Ⓞ USB + USB Host + Serial +
Ethernet

Ⓞ USB + USB Host + Serial +
Ethernet + WLAN

Ⓞ USB + USB Host + Serial +
Ethernet + Bluetooth®

XD5-40IItR / XD5-40IId-H, XD5-40IIt-H

Standard: USB + USB Host + Serial + Ethernet

Optional: Ⓞ USB + USB Host + Serial + Ethernet
+ WLAN

Ⓞ 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: 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®/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, 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® Ultraltr 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
XD5-40IId, XD5-40IItR, XD5-40IIt-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 928 MHz

Transmit Power

1W

Modulation

ASK

Protocol

ISO 18000-63 (EPC Class1 Gen2V2)

Auto Cutter

Optional

Tag Pitch

Min 16 mm