

# XD5-40 Series

4-inch Direct Thermal and Thermal Transfer Desktop Label Printers



XD5-40d

XD5-40t

XD5-40tR

## 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: Ⓞ 256 MB SDRAM, 256 MB Flash

Ⓞ 256 MB SDRAM, 512 MB Flash

XD5-40tR (RFID)

STD: 256 MB SDRAM, 256 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®

XD5-40tR (RFID)

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, 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