

# XT5-40 Series

## 4 inch Thermal Transfer Industrial Label Printer



Retail



Warehouse



Logistics



Manufacturing

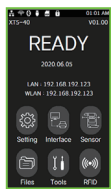
# Premium Performance



RFID



GOD DESIGN



### Accurate RFID Performance

- The XT5-40NR supports UHF RFID print and encode capability
- Extremely close-spaced RFID inlay encoding supported (minimum pitch of 0.6 inch / 16 mm)



### Durability and User Convenience

- Aluminum body and special adhesiveless metal case
- Space-saving design with double folding door
- 3.5 inch full colour or 4.3 inch full colour touch LCD display
- Printing speed up to 14 ips (356 mm/sec)
- 203 or 300 dpi resolution
- The industry's fastest Ethernet (1Gbit/sec) embedded
- Toolless maintenance of roller and print head
- General-purpose I/O (GPIO) interface for factory automation



### Enhanced Softwares

- SoftAP: Simple Wi-Fi set up to a mobile device
- Twin function™: Copy printer settings and data via USB storage
- Direct printing from the SAP® Smart Forms
- Compatible with diverse MDM solutions (SOTI Connect and BIXOLON Profile Manager XPM™, XCM™)



# BIXOLON

a Better Solution for your Business™

# XT5-40 Series

## 4 inch Thermal Transfer Industrial Label Printer

### Specifications

#### Printer Specifications

##### Print Method

Thermal Transfer, Direct Thermal

##### Print Speed

XT5-40: Up to 14 ips (356 mm/sec)

XT5-43: Up to 10 ips (254 mm/sec)

##### Print Resolution

XT5-40: 203 dpi

XT5-43: 300 dpi

##### Print Width

XT5-40: 104 mm

XT5-43: 105.7mm

##### Print Length

XT5-40: Up to 4,000 mm

XT5-43: Up to 2,500 mm

##### Sensor

Transmissive (Adjustable), Reflective (Adjustable),  
Ribbon-End, Head Open

#### Media Characteristics

##### Media Type

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

##### Media Width

25 ~ 114 mm

##### Media Roll Diameter

Up to 203 mm

##### Media Thickness

0.06 ~ 0.30 mm

##### Supply Method

Easy Paper Loading

##### Inner Core

38.1 ~ 76.2 mm, 25.4 mm (option)

#### Ribbon Characteristics

##### Ribbon Type

Wax, Wax/Resin, Resin, Outside, inside

##### Ribbon Width

50 ~ 110 mm

##### Ribbon Length

Up to 450 m

##### Core Inner Diameter

25.4 mm

#### Physical Characteristics

##### Dimensions (W x D x H)

STD: 269 x 490 x 324 mm  
(10.59 x 19.29 x 12.76 inch)

Rewinder: 269 x 490 x 407 mm  
(10.59 x 19.29 x 16.02 inch)

##### Weight

STD: 13.98 kg (30.82 lbs.)

Rewinder: 17.98 kg (39.64 lbs.)

##### Electrical

Internal Power Adaptor 100-120 V/200-240 V AC,  
50/60 Hz

##### Display

XT5-40: 3.5-inch HVGA (262K Colors) TFT LCD

XT5-40N: 4.3-inch CTP TFT LCD

#### Performance Characteristics

##### Memory

512 MB SDRAM, 512 MB Flash

##### Interface

① USB + Serial + Ethernet + 2 USB Host ports

② USB + Serial + Parallel or GPIO + Ethernet +  
2 USB Host ports

③ USB + WLAN<sup>1</sup> + Ethernet + 2 USB Host ports

④ USB + WLAN<sup>1</sup> + Parallel or GPIO + Ethernet +  
2 USB Host ports

⑤ USB + Bluetooth + Ethernet + 2 USB Host ports

⑥ USB + Bluetooth + Parallel or GPIO + Ethernet +  
2 USB Host ports

Ethernet: 10/100/1000 Mbps (1Gbps)

WLAN<sup>1</sup>: 802.11a/b/g/n (Infrastructure, Ad-hoc,  
Wi-Fi Direct, SoftAP)

- WEP40/104, WPA1/2 (PSK, EAP)

GPIO: DB15 (Female), 5/24 V, 4 GPI, 8 GPO

##### Real Time Clock

Supported

#### Environment Characteristics

##### Temperature

Operating: 5 ~ 40°C (41 ~ 104°F)

Storage: -20 ~ 60°C (-4 ~ 140°F)

##### Humidity

Operating: 10 ~ 80% RH

Storage: 10 ~ 90% RH

#### Software

##### Emulation

SLCS™, BPL-Z™, BPL-E™, BPL-D™

##### Driver / Utility

Windows Driver (Europlus/Seagull),

Linux/Mac CUPS Driver,

Virtual COM USB/Ethernet Driver, Utility Program,

OPOS/JPOS Driver, Bartender Ultralite for BIXOLON,

Label Artist-III™, SAP® Device Driver,

Network Auto Installer

##### SDK / Plugin

Android/iOS/Windows SDK, Linux SDK,

Chrome SDK, Xamarin SDK, Web Print SDK

##### Application

Label Artist™ Mobile (Android, iOS),

mPrint App (Android, iOS)

##### MDM (Optional)

BIXOLON Profile Manager - XPM™, XCM™ (Windows,

Android), SOTI Connect supported

##### XI (Optional)

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)

##### Graphics

Supporting user-defined fonts, 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

2D: Aztec, Codablock, Code 49, Data Matrix,  
MaxiCode, MicroPDF417, PDF417, QR code,  
TL3 39

#### Accessories

##### Optional

Peeler, Auto Cutter, Rewinder,

1" I.D. Core media supply hanger, Serial cable,  
Parallel cable, USB cable

##### Supplies

Compatible with B-ribbon™

##### RFID

##### Frequency

UHF, 865 ~ 868 MHz (EU), 902 ~ 928 MHz (KR, USA)

##### Transmit Power

1W

##### Modulation

ASK

##### Protocol

ISO 18000-6C (EPC Class1 Gen2)

##### Auto Cutter

Optional

##### Tag Pitch

Min 16 mm