

# XT5-40 Series

## 4 inch Thermal Transfer Industrial Label Printer



Retail



Warehouse



Logistics



Manufacturing

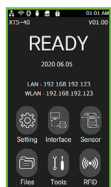
# Premium Performance



RFID



GOD DESIGN



Standard    Auto cutter    Peeler    Rewinder + Peeler



### 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, 300 or 600 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
- XPM™: BIXOLON's web-based profile manager (Optional)



**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)

XT5-46: Up to 5 ips (127 mm/sec)

##### Print Resolution

XT5-40: 203 dpi

XT5-43: 300 dpi

XT5-46: 600 dpi

##### Print Width

XT5-40: 104 mm

XT5-43: 105.7 mm

XT5-46: 105.6 mm

##### Print Length

XT5-40: Up to 4,000 mm

XT5-43: Up to 2,500 mm

XT5-46: Up to 1,000 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 100-120V/200-240V AC,  
50/60Hz

##### Display

XT5-40 : 3.5 inch full color LCD

XT5-40N : 4.3 inch full color touch 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  
+ WLAN<sup>2</sup>

⑥ USB + Bluetooth + Parallel or GPIO + Ethernet +  
2 USB Host ports + WLAN<sup>2</sup>

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

WLAN<sup>1</sup>: 802.11a/b/g/n (Infrastructure, Ad-hoc,  
Wi-Fi Direct, SoftAP) - WEP40/104,  
WPA1/2 (PSK, EAP)

WLAN<sup>2</sup>: 802.11a/b/g/n Dongle type  
- requires a USB Host port (Optional)

Bluetooth: V4.2 (MFi certified)

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

##### Real Time Clock

Supported (Standard)

#### 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

SLC5™, 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)

##### XI (Optional)

Supported

#### Fonts / Graphics / Symbologies

##### Fonts

Bitmap Fonts (10 SLC5™, 16 BPL-Z™, 5 BPL-E™,

9 BPL-D™), Scalable Fonts (1 SLC5™, 1 BPL-Z™,

1 BPL-E™), 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,  
TLC 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 ~ 868MHz (EU), 902 ~ 928MHz (KR, USA)

##### Transmit Power

1W

##### Modulation

ASK

##### Protocol

ISO 18000-6C (EPC Class1 Gen2)

##### Auto Cutter

Optional

##### Tag Pitch

Min 16 mm

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