

# 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)
- RFID auto-calibration simply reads the RFID tag location



Standard Auto cutter Peeler Rewinder + Peeler

### 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



### Enhanced Softwares

- SoftAP: Simple Wi-Fi set up to a mobile device
- Smart Connection™ mobile app: Easy switching from SoftAP to Infrastructure mode
- 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: 300dpi

XT5-46: 600dpi

##### Print Width

XT5-40: 104mm

XT5-43: 105.7mm

XT5-46: 105.6mm

##### 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 ~ 76.2mm, 25.4mm (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: 13.98Kg (30.82 lbs.)

Rewinder: 17.98Kg (39.64 lbs.)

##### Electrical

EnergyStar Certified,  
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

Standard:  
USB + Serial + Ethernet<sup>1</sup> + 2 USB Host ports

##### Optional:

① USB + Serial + Parallel + Ethernet +  
2 USB Host ports

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

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

④ USB + Bluetooth + Ethernet + 2 USB Host ports +  
WLAN<sup>2</sup>

⑤ USB + Bluetooth + Parallel + 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)

##### 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

SLCST<sup>™</sup>, BPL-Z<sup>™</sup>, BPL-E<sup>™</sup>, BPL-D<sup>™</sup>

##### 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-II<sup>™</sup>,  
SAP<sup>®</sup> Device Driver

##### SDK / Plugin

Android / iOS / Windows SDK, Linux SDK,  
Chrome SDK, Xamarin SDK

##### Application

Label Artist<sup>™</sup> Mobile (Android, iOS),  
mPrint App (Android, iOS),  
mPrint Server (Windows, Android, iOS)

##### MDM (Optional)

BIXOLON Profile Manager  
- XPM<sup>™</sup>, XCM<sup>™</sup> (Windows, Android)

#### Fonts / Graphics / Symbolologies

##### Fonts

10 SLCST<sup>™</sup> / One SLCST<sup>™</sup> / 16 BPL-Z<sup>™</sup> /  
One BPL-Z<sup>™</sup> / 9 BPL-D<sup>™</sup> / Two BPL-D<sup>™</sup> /  
5 BPL-E<sup>™</sup> / 23 Code Page / Unicode supported  
(UTF-8, UTF-16LE, UTF-16BE)

##### Graphics

Supporting user-defined fonts, graphics,  
formats and logos

##### Barcode Symbolologies

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

B-ribbon<sup>™</sup>

#### 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 16mm