

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 + Ethernet¹ + 2 USB Host ports

Optional:

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

② USB + WLAN¹ + Ethernet + 2 USB Host ports

③ USB + WLAN¹ + Parallel + Ethernet +
2 USB Host ports

④ USB + Bluetooth + Ethernet + 2 USB Host ports +
WLAN²

⑤ USB + Bluetooth + Parallel + Ethernet +
2 USB Host ports + WLAN²

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

WLAN¹: 802.11a/b/g/n (Infrastructure, Ad-hoc,
Wi-Fi Direct, SoftAP)
- WEP40/104, WPA1/2 (PSK, EAP)

WLAN²: 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[™], 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-II[™],
SAP[®] Device Driver

SDK / Plugin

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

Application

Label Artist[™] Mobile (Android, iOS),
mPrint App (Android, iOS),
mPrint Server (Windows, Android, iOS)

MDM (Optional)

BIXOLON Profile Manager
- XPM[™], XCM[™] (Windows, Android)

Fonts / Graphics / Symbolologies

Fonts

10 SLCST[™] / One SLCST[™] / 16 BPL-Z[™] /
One BPL-Z[™] / 9 BPL-D[™] / Two BPL-D[™] /
5 BPL-E[™] / 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[™]

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