

# XT5-40

4-inch Thermal Transfer  
Industrial RFID Label Printers



XT5-40

XT5-40N

XT5-40NR

## Print Characteristics

### 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

XT5-40:203dpi

XT5-43:300dpi

XT5-46:600dpi

### Print Width

XT5-40:104mm

XT5-43:105.7mm

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 1,000mm

### Sensor

Transmissive (Adjustable),

Reflective (Adjustable),

Ribbon-End, Head Open

## Media Characteristics

### Media Type

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

### Media Width

25 to 114 mm

### Media Roll Diameter

Up to 203 mm

### Media Thickness

0.06 to 0.30 mm

### Supply Method

Easy Paper Loading

### Inner Core

38.1 to 76.2 mm, 25.4 mm (Optional)

## Ribbon Characteristics

### Ribbon Type

Wax, Wax/Resin, Resin,

Outside, Inside

### Ribbon Width

50 to 110 mm

### Ribbon Length

Up to 450 m

### Core Inner Diameter

25.4 mm

## Physical Characteristics

### Dimensions (W x L x H)

STD: 269 x 490 x 324 mm

(10.59x19.29x12.76 inch)

Rewinder: 269 x 490 x 407 mm

(10.59x19.29x16.02 inch)

## Weight

STD: 13.98 kg (30.82 lbs.)

Rewinder: 17.98 kg (39.64 lbs.)

## Electrical

Internal Power Adapter 100-120 V/

200-240 VAC, 50/60 Hz

## Display

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

TFT LCD

XT5-40N: 4.3-inch CTP Touch TFT LCD

## Performance Characteristics

### Memory

512 MB SDRAM, 512 MB Flash

### Interface

Ⓞ USB + Serial + Ethernet + 2 USB Host ports

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

Ⓞ USB + WLAN + Ethernet + 2 USB Host ports

Ⓞ USB + WLAN + Parallel + Ethernet + 2 USB  
Host ports

Ⓞ USB + Bluetooth® + Ethernet + 2 USB Host  
ports

Ⓞ USB + Bluetooth + Parallel + Ethernet + 2  
USB Host ports

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

WLAN: 2.4G/5GHz, 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: 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)

### 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

Power Cord

### Options & Accessories

Peeler, Auto Cutter, Rewinder,

1-inch I.D. Core Media Supply Hanger,

Serial Cable, Parallel Cable, USB Cable

### Compatible Supplies

B-ribbon™

## RFID

### Frequency

UHF, 865 to 868 MHz (EU),

902 to 928 MHz (KR, US)

### Transmit Power

1W

### Modulation

ASK

### Protocol

ISO 18000-6C (EPC Class1 Gen2)

### Auto Cutter

Optional

### Tag Pitch

Min 16 mm