

XT5-40 Series

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)

Standard: 269 x 490 x 324 mm

(10.59 x 19.29 x 12.76 inch)

External Rewinder: 269 x 490 x 407 mm

(10.59 x 19.29 x 16.02 inch)

Weight

Standard: 13.98 kg (30.82 lbs.)

External 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 Colours)

TFT LCD

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

Performance Characteristics

Memory

512 MB SDRAM, 512 MB Flash

Interface

Standard: USB + Serial + Ethernet +

2 USB Host ports

Optional:

① USB + Serial + Parallel or GPIO + Ethernet +

2 USB Host ports

② USB + WLAN + Ethernet + 2 USB Host ports

③ USB + WLAN + Parallel + Ethernet +

2 USB Host ports

④ USB + Bluetooth® + Ethernet +

2 USB Host ports

⑤ USB + Bluetooth + Parallel + Ethernet +

2 USB Host ports

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), XML

Driver/Utility

Windows® Driver (Europlus/Seagull),

Linux®/macOS® CUPS Driver,

Virtual COM USB/Ethernet Driver,

BIXOLON Utility, 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/Symbolologies

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 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, 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, External Rewinder

(Max.O.D. 203 mm), 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