

XT6-40 Series

4-inch Thermal Transfer
Industrial Label Printer



XT6-40

XT6-40N/NR (Standard / External Rewinder)

Print Characteristics

Print Method

Thermal Transfer or Direct Thermal

Print Speed

XT6-40: Up to 14 ips (356 mm/sec)

XT6-43: Up to 12 ips (305 mm/sec)

XT6-46: Up to 5 ips (127 mm/sec)

Print Resolution

XT6-40: 203 dpi

XT6-43: 300 dpi

XT6-46: 600 dpi

Print Width

XT6-40: 104 mm

XT6-43: 105.7 mm

XT6-46: 105.6 mm

Print Length

XT6-40: Up to 4,000 mm

XT6-43: Up to 2,500 mm

XT6-46: 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 to 114 mm

Media Roll Diameter

Up to 203 mm

Media Thickness

0.06 to 0.30 mm

XT6-40NR-M: On-metal RFID Labels of up to 1.5 mm

Supply Method

Easy Paper Loading

Inner Core

38 to 76.2 mm

Ribbon Characteristics

Ribbon Type

Wax, Wax/Resin, Resin, Outside or 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 467 x 327 mm

(10.59 x 18.39 x 12.87 inch)

External Rewinder: 269 x 467 x 420 mm

(10.59 x 18.39 x 16.54 inch)

Weight

Standard: 14.7 kg (32.41 lbs.)

External Rewinder: 19.3 kg (42.55 lbs.)

Electrical

Internal Power AC/DC Adapter

100-240 VAC, 50-60 Hz

Display

XT6-40: 3.5-inch HVGA (262K Colours) TFT LCD

XT6-40N & XT6-40NR: 5-inch Colour Touch TFT LCD

Performance Characteristics

Memory

1 GB SDRAM, 1 GB Flash

Interface

Standard: USB + Serial + Ethernet + 2 USB Host ports

Optional: ① USB + Serial + Ethernet + 2 USB Host ports + WLAN and Bluetooth®

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

③ USB + Serial + Ethernet + 2 USB Host ports + Parallel + WLAN and Bluetooth

④ USB + Serial + Ethernet + 2 USB Host ports + GPIO

⑤ USB + Serial + Ethernet + 2 USB Host ports + GPIO + WLAN and Bluetooth

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

WLAN: 2.4G/5GHz, 802.11a/b/g/n/ac/ax

(Infrastructure, Wi-Fi Direct, SoftAP)

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, Serial Cable, Parallel

Cable, USB Cable, Rewinder (Internal:

Max.O.D. 130 mm, External: Max.O.D. 203

mm), Cutter-Tray, Ribbon & Media Near

End Sensor

Compatible Supplies

B-ribbon™

RFID (XT6-40NR only)

Frequency

UHF, 865 to 928 MHz

Transmit Power

1W

Modulation

ASK

Protocol

ISO 18000-63 (EPC Class1 Gen2V2)

Auto Cutter

Optional

Tag Pitch

Min 16 mm