SPEC SHEET

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)
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, 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