

SLP-TX420

4-inch Thermal Transfer
Desktop Label Printer



Print Characteristics

Print Method

Thermal Transfer or Direct Thermal

Print Speed

SLP-TX420: Up to 7 ips (178 mm/sec)
SLP-TX423: Up to 5 ips (127 mm/sec)

Print Resolution

SLP-TX420: 203 dpi
SLP-TX423: 300 dpi

Print Width

SLP-TX420: Up to 108 mm
SLP-TX423: Up to 105.7 mm

Print Length

Up to 2,000 mm

Sensor

Transmissive, Reflective (Adjustable),
Ribbon-End, Head Open

Media Characteristics

Media Type

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

Media Width

20 to 110 mm

Media Roll Diameter

Up to 130 mm

Media Thickness

0.06 to 0.20 mm

Supply Method

Easy Paper Loading

Inner Core

25.4 to 38.1 mm

Ribbon Characteristics

Ribbon Type

Wax, Wax/Resin, Resin, Outside

Ribbon Width

110 mm

Ribbon Length

Up to 74 m

Core Inner Diameter

12.7 mm

Physical Characteristics

Dimensions (W x L x H)

200 x 252 x 173 mm (7.87 x 9.92 x 6.81 inch)

Weight

2.35 kg (5.18 lbs.)

Electrical

EnergyStar® Certified,
External Power Adapter 100-240 VAC,
50/60 Hz

Performance Characteristics

Memory

64 MB SDRAM, 128 MB Flash

Interface

- Ⓢ USB + Serial + Parallel
- Ⓢ USB + Serial + Ethernet + USB Host
- Ⓢ USB + USB Host + Bluetooth®

* Compatible with WLAN Dongle
(802.11a/b/g/n/ac) via a USB Host Port

Real Time Clock

Supported (Optional)

Environment Characteristics

Temperature

Operating: 5 to 40°C (41 to 104°F)
Storage: -20 to 60°C (-4 to 140°F)

Humidity

Operating: 10 to 80% RH
Storage: 10 to 90% RH

Software

Emulation

SLCS™, BPL-Z™ (ZPL II®), BPL-E™ (EPL™),
BPL-D™ (DPL, Optional)

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),
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)

SOTI® Connect supported

Fonts/Graphics/Symbologies

Fonts

Bitmap Fonts (10 SLCS, 16 BPL-Z,
5 BPL-E), Scalable Fonts (1 SLCS,
1 BPL-Z), 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

AC/DC Adapter, Power Cord, USB Cable,
Core Paper (0.5-inch)

Options & Accessories

Peeler, Auto Cutter,
External Paper Supply,
WLAN Dongle (Consensus required),
Serial Cable, Parallel Cable

Compatible Supplies

B-ribbon™, B-band™