

# SLP-TX420

4 inch Thermal Transfer  
Desktop Label Printer



Retail



Warehouse

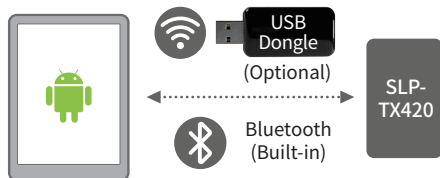


Healthcare



Post &  
Parcel

# Compact, Durable and Premium



### Mobile Device Compatible

- Built-In Bluetooth with MFi iAP2 Certified
- Smart Bluetooth Auto Switch :Switching from iOS settings to standard Bluetooth mode
- Optional Ethernet and WLAN supported (USB dongle type)
- Compatible with Smart Mobile Devices



### Outstanding Form Factor

- Fast printing speed up to 7 ips (178 mm/sec)
- Quick data processing through powerful memory
- Compact design for 74 m ribbon
- Energy-efficient product



### Intelligent Function

- Smart Media Detection™: Automatic paper detection
- Intelligent Leap-over™ detects empty label and automatically leaps to the next label
- Fully compatible with market-leading programming languages

# SLP-TX420

## 4 inch Thermal Transfer Desktop Label Printer

### Specifications

#### Printer Specifications

**Print Method**

Thermal Transfer, 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 ~ 110 mm

**Media Roll Diameter**

Up to 130 mm

**Media Thickness**

0.06 ~ 0.20 mm

**Supply Method**

Easy Paper Loading

**Inner Core**

25.4 ~ 38.1mm

#### Ribbon Characteristics

**Ribbon Type**

Wax, Wax / Resin, Resin, Outside

**Ribbon Width**

110 mm

**Ribbon Length**

Up to 74 m

**Core Inner Diameter**

12.5 mm

#### Physical Characteristics

**Dimensions (WxDxH)**

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 Adaptor 100-240V AC, 50/60Hz

#### Performance Characteristics

**Memory**

64 MB SDRAM, 128 MB Flash

**Interface**

Standard: USB + Serial + Parallel

Optional: ① USB + Serial + Ethernet + WLAN<sup>1</sup>

② USB + WLAN\* + Bluetooth<sup>2</sup>

WLAN<sup>1</sup>: 802.11a/b/g/n/ac USB dongle type  
(Optional)

Bluetooth<sup>2</sup>: Built-in type, MFi iAP2 certified

**Real Time Clock**

Supported

#### Environment Characteristics

**Temperature**

Operating: 5 ~ 40°C (41 ~ 104°F)

Storage: -20 ~ 60°C (-4 ~ 140°F)

**Humidity**

Operating: 10 ~ 80% RH

Storage: 10 ~ 90% RH

#### Software

**Emulation**

SLCST<sup>™</sup>, BPL-Z<sup>™</sup> (ZPLII), BPL-E<sup>™</sup> (EPL)

**Driver / Utility**

Windows Driver (Europlus / Seagull),  
Linux / Mac CUPS Driver,

Virtual COM USB / Ethernet Driver,

Utility Program, OPOS / JPOS Driver,

Bartender Ultralite for BIXOLON,

Label Artist-II<sup>™</sup>

**SDK / Plugin**

Android / iOS / Windows SDK, Linux SDK,

Chrome SDK, Xamarin SDK

**Application**

Label Artist<sup>™</sup> Mobile (Android, iOS),

mPrint App (iOS),

mPrint Server (Windows, iOS)

**MDM**

BIXOLON Profile Manager

- XPM<sup>™</sup>, XCM<sup>™</sup> (Windows, Android)

#### Fonts / Graphics / Symbologies

**Fonts**

10 SLCST<sup>™</sup> / One SLCST<sup>™</sup> / 16 BPL-Z<sup>™</sup> /

One BPL-Z<sup>™</sup> / 5 BPL-E<sup>™</sup> / 23 Code Page /

Unicode supported (UTF-8, UTF-16LE,

UTF-16BE)

**Graphics**

Supporting user-defined fonts, 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

2D: Aztec, Codablock, Code 49, Data Matrix,

MaxiCode, MicroPDF417, PDF417, QR code,

TLC 39

#### Options

Peeler, Auto Cutter, External Paper Supply,

WLAN Dongle (Consensus required)



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