

# SLP-TX420

4 inch Thermal Transfer  
Desktop Label Printer



Retail



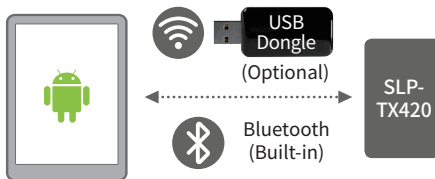
Warehouse



Healthcare

Post &  
Parcel

# Compact, Durable and Premium



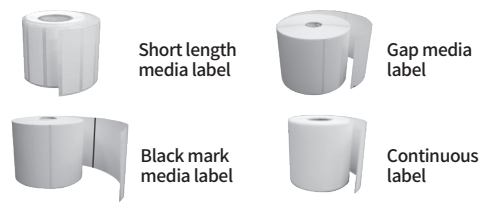
## Mobile Device Compatible

- 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**

SLCS™, BPL-Z™, BPL-E™

**Driver / Utility**

- Windows Driver (Europlus / Seagull)
- Linux / Mac CUPS Driver
- Virtual COM USB / Ethernet Driver
- Utility Program
- OPOS Driver
- Bartender Ultralite for BIXOLON
- Label Artist™-II

**SDK / Plugin**

- Android / iOS / Windows SDK
- Linux SDK
- Chrome SDK
- Xamarin SDK (Windows, Android only)

**Browser / App**

- Windows mPrint Browser (All)
- Label Artist™ Mobile (Android, iOS)
- mPrint App (Android, iOS)

#### Fonts / Graphics / Symbologies

**Fonts**

- 10 SLCS Resident Bitmap Fonts
- One SLCS Resident Scalable Font
- 16 BPL-Z™ Resident Bitmap Fonts
- One BPL-Z™ Resident Scalable Font
- 5 BPL-E™ Resident Bitmap Fonts
- 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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