

# SLP-D420

4 inch Direct Thermal  
Desktop Label Printer



Coffee &  
Tea Shop



Healthcare  
&  
Pharmacy



Post &  
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Warehouse &  
Storage  
Handling

## Compact and Specialized



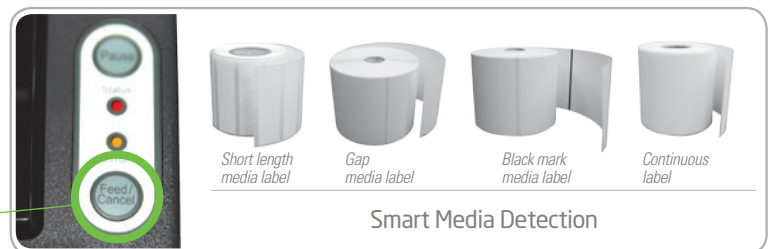
BIXOLON SLP-D420 is a direct thermal barcode label printer. The printing speed is up to 6 ips (152 mm/sec), all-in-one interface including Serial, Parallel, USB is provided as a standard, vector fonts are supported with the upgraded firmware, and automatic recognition of programming language such as SLCS, BPL-Z™, BPL-E™ is available. Users can design custom labels with BIXOLON Label Artist™ that comes with the printer without additional cost. With its power saving function, the SLP-D420 saves operating cost and can be called environment-friendly product

### Powerful Printing Performance

- Paper feeding speed up to 7 ips (178 mm/sec)
- Thermal Transfer, Direct Thermal supported
- Fast data processing speed of various types of label

### Smart Media Detection™

- Automatic paper detection such as gap media, black mark media and short length media paper



**BIXOLON**<sup>®</sup>  
a Better Solution for your Business™

# SLP-D420

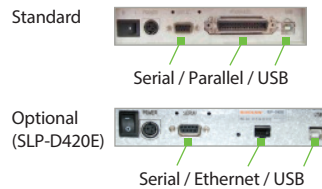
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## Features

### All-in-one Interface

- **Standard:**  
USB + Serial + Parallel
- **Optional:**  
USB + Serial + Ethernet



### User-friendly design

- Easy paper loading with adjustable paper guide
- Pause and cancel function-keys



### Multiple programming languages recognizable

The SLP-D420 is compatible with market-leading programming language; SLCS, BPL-Z™, BPL-E™.



### Label Artist™

Bixolon provides its custom label design program as bundle. It supports *database* connection as well as text, drawing lines and boxes, all kinds of graphics and 1D/2D Barcode printing.

## Specifications

### Print Characteristics

**Printing Method:** Direct Thermal

**Printing Speed:** SLP-D420: Up to 6 ips (152 mm/sec)  
SLP-D423: Up to 4 ips (100 mm/sec)

**Print Resolution:** SLP-D420: 203 dpi  
SLP-D423: 300 dpi

**Printing Width:** SLP-D420: Up to 104 mm  
SLP-D423: Up to 105.7 mm

**Printing Length:** 6 ~ 1000mm

**Media Sensor:** Transmissive, Reflective (adjustable), Head open

### Media Characteristics

**Media Type:** Gap, Black Mark, Notch, Continuous, Fan-Fold

**Media Width:** 25 ~ 116 mm

**Media Roll Diameter:** Up to 130 mm

**Media Thickness:** 0.06 ~ 0.20 mm

**Supply Method:** Easy Paper Loading

### Physical Characteristics

**Dimensions (W x L x H):** 194 x 243 x 171 mm (7.63 x 9.56 x 6.73 inch)

**Weight:** 2.15 kg (4.73 lbs.)

**Power:** EnergyStar Certified, External Power Adaptor 100-240V AC, 50/60Hz

### Performance Characteristics

**Memory:** 8MB SDRAM, 4MB FlashROM

**Interface:** Triple Interface

Standard: USB + Serial + Parallel

Optional: USB + Serial + Ethernet

### Environment Characteristics

**Temperature:** Operating: 0 ~ 40 °C (32 ~ 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, Linux CUPS Driver, Mac Driver, Virtual COM  
USB/Ethernet Driver, Utility Program, Label Artist™

**SDK:** Android SDK, Windows SDK

### Fonts / Graphics / Symbologies

- Fonts:**
- 10 SLCS Resident Bitmap Fonts
  - One SLCS Resident Scalable Font
  - 23 Code Page

**Graphics:** Supporting user-defined fonts, graphics, formats, and logos

### Barcode Symbologies

1D: Codabar, Code 39, Code 93, Code 128, EAN-8, EAN-13, IMB,  
Interleaved 2-of-5, ITF, UCC/EAN-128, UPC-A, UPC-E

2D: Data Matrix, MaxiCode, PDF417, QR code

### Options

Ethernet, Peeler, Auto Cutter, External Paper Supply

