



# SMART AND SPACE-SAVING

2 inch Thermal POS printer

## STP-103II

BIXOLON STP-103II incorporates a small footprint and drop-in and-load paper insertion. The STP-103II equipped with on-board USB 2.0, can print at a speed of 70mm per second. Its ability to produce large clear print on 58mm wide paper is found on no other compact printer and it can hold thermal rolls up to 60mm in width and offers high efficiency in a very limited space which is required in so many of today's POS environments. The unit may seem small in size, but compared to some larger models its printing quality reaches the same standards.



### HIGHLIGHTS



#### Dual-interface

- USB + Serial
- USB + Parallel



#### Printing Speed Improvement

- Printing speed up to 70 mm/sec (40% faster than the STP-103)



# 2 inch Thermal POS printer **STP-103II**



## SPECIFICATIONS

### Print Characteristics

**Print Method**

Direct Thermal

**Print Speed**

70 mm/sec

**Print Resolution**

203 dpi

**Print Width**

Up to 48 mm

**Sensor**

Paper End, Paper Near End, Cover Open

### Media Characteristics

**Media Type**

Receipt

**Media Width**

58.5 mm

**Media Roll Diameter**

Up to 60 mm

**Media Thickness**

0.062 ~ 0.075 mm

**Supply Method**

Easy Paper Loading

### Physical Characteristics

**Dimensions (WxLxD)**

116 x 180 x 90 mm  
(4.56 x 7.08 x 3.54 inch)

**Weight**

450 g (0.99 lbs.)

**Power**

External Power Adaptor 100-240V AV, 50/60Hz

**Drawer Port**

2 ports (via y-type adaptor)

### Performance Characteristics

**Memory**

64 Mbit SDRAM, 16 Mbit FlashROM

**NV Image Memory**

256 Kbytes (mono)

**Receive Buffer**

15 Kbytes

**User Define Buffer**

12 Kbytes

**Interface**

Dual Interface

USB V2.0 FS + Serial

USB V2.0 FS + Parallel

### Environment Characteristics

**Temperature**

Operating: 0 ~ 45°C (32 ~ 113°F)

Storage: -20 ~ 60°C (-4 ~ 140°F)

**Humidity**

Operating: 10 ~ 80% RH

Storage: 10 ~ 90% RH

### Reliability

**Printer Unit (MCBF)**

30 Million Lines

**TPH**

50 km

### Software

**Emulation**

BXL / POS

**Driver / Utility**

Windows Driver, OPOS Driver,  
Linux CUPS Driver, Virtual COM USB Driver,  
Utility Program

**SDK**

Android SDK

### Fonts / Graphics / Symbologies

**Character Size**

Font A: 12 x 24 Font B: 9 x 17

Font C: 9 x 24

KOR, CHN, JPN: 24 x 24

**Characters Per Line**

Font A: 32 Font B, C: 42

KOR, CHN, JPN: 16

**Character Sets**

Alphanumeric: 95

Extended Graphics: 128 x 34 page

International: 32

**Graphics**

Supporting user-defined fonts, graphics, formats,  
and logos

**Barcode Symbologies**

1D: Coda Bar, Code39, Code93, Code128, EAN-8,  
EAN-13, ITF, UPC-A, UPC-E

2D: PDF417, QR Code

### Accessories

**Optional**

B-Melodist (RMB-100),  
External Buzzer (RBC-100)

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