



**Dual-Interface and  
Proven-reliability**

# STP-103II

*This user-friendly design STP-103II, an upgraded version of the STP-103, 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. The BIXOLON STP-103II printer's 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. The STP-103II prints crystal clear vouchers and receipts at 203 dpi resolution. It supports a simple software application that downloads your logos directly to the printer.*

## OPTION

- BIXOLON Melodist(RMB-100)
- External Buzzer(RBC-100)

## HIGHLIGHTS

- High-speed on board USB 2.0
  - On board USB 2.0 standard
  - Faster communication speed by STP-103II though USB port
  - Free selectable cable(Serial,Parallel,USB)
- DK port standard
  - 2 cash drawers (2 pins) available with DK port at the same time
- Printing speed improvement
  - 40% faster than the proven 2" receipt printer STP-103 (70mm/sec)
- Diversified font sizes and CPL
  - 3 different font sizes with dip switch setting
    - Font A: 12 x 24
    - Font B: 9 x 17
    - Font C: 9 x 24 (selectable with dip switch)
  - 2 different CPL (Characters Per Line) mode with dip switch
    - Font A: 32CPL, 24CPL
- 2D Bar code supported
  - PDF417
  - QR code
- User-friendly utilities
  - NV download utility
  - Virtual COM for USB
  - Virtual Memory Switch Manager (VMSM)



## PRODUCT FEATURES

### Improved Printing speed up to 70mm/sec

STP-103II has a much faster printing speed than the previous model STP-103. Get quicker print speed with BIXOLON STP-103II. It is 40% faster than STP-103. (50mm/sec->70mm/sec)

### Experience the upgraded Interface with STP-103II

High-speed USB 2.0 and Drawer port are on board as standard. More stable and time effective communication speed by STP-103II though USB port. Selectable interfaces are serial and parallel. Data cables included (refer to product description for which type of cable)



### BIXOLON Small Footprint STP-103II

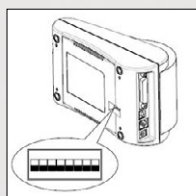
STP-103II occupies a small space effectively. It is perfectly suited for EFT POS applications and Hospitals and Medical Centers as well. STP-103II is used for various applications and one of the most flexible thermal printer ever.

Small Footprint STP-103II  
116X180X90(W X L X H mm)



### Expanded Font size available

For customer convenience BIXOLON STP-103II supports Font A 12 x 24, Font B 9 x 17 and Font C : 9 x 24. Fonts are easily selectable using the dip switch.



Change Font size with dip switch



### Stepping up to satisfy you with 2D Barcode support

BIXOLON 2 inch thermal printer STP-103II is differentiated from others with 2D Barcode support function. It makes STP-103II even more valuable and flexible for various applications.

## SPECIFICATIONS

### PRINT

- PRINTING METHOD : Direct thermal
- PRINTING SPEED : 70 mm/sec
- RESOLUTION : Standard 203dpi(8dots/mm)
- CHARACTER SIZE : Font A : 12 X 24  
Font B : 9 X 17  
Font C : 9 X 24  
(selectable with dip switch)  
Korean/Chinese : 24 X 24
- CHARACTERS PER LINE :  
Font A : 32  
Font B : 42  
Font C : 42
- CHARACTER SET : Alphanumeric Character : 95  
Extended Character : 128 X 7 pages  
International Character : 32
- BARCODES :  
1D : EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E  
2D : PDF417, QR Code

### PAPER

- WIDTH : 58.0 ± 0.5 mm
- PAPER ROLL DIAMETER : Max Ø 60mm
- PAPER LOADING : Easy Paper Loading

### RELIABILITY

- PRINTER UNIT : 30 million lines
- TPH : 50 Km

INTERFACE : USB 2.0, Serial(RS-232C)/ Parallel (IEEE 1284)

RECEIVE BUFFER : 15 Kbytes

NV IMAGE MEMORY : 256 Kbytes

USER DEFINE BUFFER : 12 Kbytes

EMULATION : ESC/POS™

DRIVER : Windows, OPOS

SENSOR : Paper Near End Sensor, Paper End Sensor, Cover Open Sensor

DRAWER PORT : 2 ports

POWER SUPPLY (SMPS) : AC 100-240V / DC 24V, 1.5A

DIMENSIONS : 116 X 180 X 90 (W X L X H mm)

WEIGHT (g) : 450

(lbs) 0.99

OPERATING TEMPERATURE : 0 ~ 45°C

### OPTION

- BIXOLON MELODIST (RMB-100)
- External Buzzer (RBC-100)

**BIXOLON®** www.bixolon.com

This publication contains product descriptions without obligation.  
All features and specifications are subject to change without notice. July 2010

#### BIXOLON Headquarters

Address #A-5F, Digital Empire Building, 980-3,  
Yeongtong-dong, Yeongtong-gu, Suwon-si,  
Gyeonggi-do, 443-702, Korea  
Tel +82 (0) 31 218 5500 Fax +82 (0) 31 218 5589  
E-mail sales@bixolon.com

#### BIXOLON America Inc.

Address 3171 Fujita St Torrance,  
CA 90505  
Tel +1 858 764 4580 Fax +1 310 257 6869  
E-mail sales@bixolonusa.com

#### BIXOLON Europe GmbH

Address Tiefenbroicher Weg 35,  
40472 Düsseldorf  
Tel +49 211 68 78 54 0 Fax +49 211 68 78 54 20  
E-mail sales@bixolon.de

#### BIXOLON Dongguan

Address #5 Luyi 2 Road, Tangxia Town,  
Dongguan City, Guangdong Province, P.R.China  
Tel +86 769 8262 0704 Fax +86 769 8262 0703  
E-mail sales@bixolon.com