BAOBIWANXIANG
Innovation, Better Life

BAOBI®

BAOBI RFID Printer BB787S HF

Printing method: Direct Thermal Printing

Three setting modes: Print Only , Write RFID Only , Print and Write RFID

Print data and write data simultaneously

Special prompt for RFID writing data success or not

Two Rolls loading for labels or wristbands with switch button to select printing channel

Providing professional barcode printing as well as the solutions of Internet of Things technology



RFID



Two Rolls Loading



The RFID technology which is based on the Internet of Things can be widely used in various fields such as anti-counterfeit safety, traffic, foods, books, animals, agriculture, power management, electronic payment, environmental monitory, smart home, social services, public hygiene and green ecology.

Functions & Advantages

· Direct thermal printing with maximum width of 108mm. 300dpi resolution enables it to print all sorts of linear barcodes, 2D barcodes and various graphics with high precision.

· Three setting modes: Print Only, write RFID Only, Print and Write RFID. Special prompt for RFID writing data success or not. Supports the ISO/IEC 14443 Type A, NFC Forum TAG Type 1, 2, 3 and 4

· Two Rolls loading for labels or wristbands with switch button to select printing channel. Patented design, printing path with open buttons makes it easier to fix paper jam.

· Printer screen displays in many languages and printer software supports printing different languages. Baobi Printer Driver supports creating various specifications of consumables, which helps to quickly create new printing templates. Supporting docking with client' s system via BPL interface file, to achieve real-time printing of data.

· Adopting LCD Display to show real-time printing status and quantities.

· It will improve work efficiency by using Baobi Barcode Verifier to read barcode, and will increase security of Internet of Things by using Baobi RFID Reader.

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Application

Public Transportation, Access Management, Electronic toll Collection, Car Parking, School and Campus Cards, Employee Cards, Internet Cafes, Loyalty, Event Ticketing, Voucher and Coupons, Product Authentication, Electronic Shelf Labels

China Invention Patent

ZL201510932552.0 / ZL201410425872.2 / ZL201410424971.9 / ZL201410424995.4 / ZL201410424532.8

China Utility Model Patent

ZL201420485041.X / ZL201420485883.5 / ZL201420485060.2 / ZL201420484629.3 / ZL201420485372.3 / ZL201420485020.8 / ZL201420485043.9 / ZL201520619887.2 / ZL201521042940.3 / ZL201521041601.3 / ZL201521039679.1 / ZL201521043015.2 / ZL201521042968.7 / ZL201521042938.6 / ZL201521041592.8 / ZL201521041632.9 / ZL201521041992.9 / ZL201521041736.X / ZL201521041748.2 / ZL201521041856.X

China Design Patent

ZL201530527887.5 / ZL201530527864.4 / ZL201530527870.X / ZL201430307852.6 / ZL201530256892.7 / ZL201530308974.1

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SPECIFICATION PARAMETER

The printer specifications in this text are based on the test of printing BAOBI labels / wristbands, for user's reference.
The test result may be different according to actual application setting or use consumable not from Baobiwanxiang.
Baobiwanxiang advocates verifying application from testing.

FEATURES

Two Rolls design, easy to switch printing material.
More easier and faster to set.
Equipped with multiple languages.
Adopting LCD Display to show real-time printing status and quantities.
Label printing software supports the printing of different language texts.
Standard tear paper mode.
Unique energy control of printer head.

PRINTER SPECIFICATIONS

Resolution

300 dpi/12 dots per mm

Print Width

Maximum: 4.25"/108mm
Minimum: 0.39"/10mm

Print Speed

Selectable,
Standard Speed: 2.5"/60mm per second
Maximum Speed: 5 ips/120mm per second

Printing mode

Thermal printing

Two Rolls

Upper Roll/Down Roll, selectable.

RFID TECHNICAL PARAMETERS

RF Protocols

ISO/IEC 14443 Type A, NFC Forum TAG Type 1, 2, 3 and 4

Supported Chips

Mifare 1K S50, Mifare 4K S70, FM11RF08, Mifare Ultralight EV1(MF0UL11), Mifare Ultralight EV1(MF0UL21), NTAG213, NTAG215, NTAG216.

Work Frequency

13.56MHz

Work Status Indicator

Displayed in the screen

Antenna

Built-in

OPERATING CHARACTERISTICS

Environmental

Operating temperature: 40°F/4.4°C to 104°F/40°C
Storage temperature: -40°F/-40°C to 140 °F/80°C
Operating humidity: 20%-85% non-condensing
Storage humidity: 5%-85% non-condensing

Electrical

Universal power supply (PFC compliant)
100-240VAC, 50-60Hz (60 Watts) External Power Supply

Physical Characteristics

Width: 225mm
Height: 306mm
Depth: 345mm
Weight (N.W): 3.32kg

BAOBI PRINTABLE ID SOLUTION

Software

BAOBI Printer Driver
BBDesigner

Programming

BPL+ (Application Programming Interface)

Networking/Connectivity

USB 2.0 interface
Ethernet 10/100 interface
Wireless 802.11 b/g(Optional)

Font and Graphic

Support user-defined fonts and graphics-including customized logo
Font and Barcode rotation: 90, 180, 270 degrees

Barcode

Linear Barcode: Code 39, Code 128A, B&C, UCC/EAN-128, Code 93, Codabar, Interleaved 2 of 5, UPC-A, UPC-E, UPC-A with 2 and 5 add on, UPC-E with 2 and 5 add on, EAN 13, EAN 8, EAN 13 with 2 and 5 add on, EAN 8 with 2 and 5 add on, Postnet, Standard 2 of 5, Industrial 2 of 5, LOGMARS, MSI, Codabar and GS1 DataBar (formerly RSS), Code 11, China Post.
2-Dimensional Barcode: PDF-417, Maxicode, DataMatrix, QR code, Aztec.

Accessories

Software CD Disk
(BBDesigner/BAOBI Printer Driver)
Warranty Card
USB Port Cable
Power Adapter
Power Cord
BAOBI Label Holder WH01 (Optional)





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Baobiwanxiang Technologies Co.,Limited
Address: Bldg. # D, Xinhe Industrial Park,Huashan Sandong Avenue, Huadu, Guangzhou, China (510880)
Tel: 86-20-86780687 86780787 86780797
Fax: 86-20-86780697
E-mail: info@baobiwanxiang.com
www.baobiwanxiang.com/en