

# RFID Printable Thermal Wristband BVP14250B-HF03



BAOBIWANXIANG

International Certification

CE Certification

Phthalate free

Quality Assured

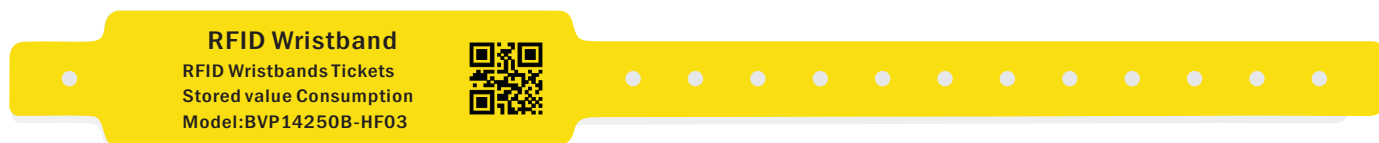
Antibacterial certification

Waterproof and alcohol proof

Latex free

RFID Printable Thermal Wristband can be used in all occasions for intelligent personnel identification. High frequency electronic chip has strong penetration, can be used for non-contact and non visual identification, anti-human interference, and good environmental compatibility. Compared with traditional handwritten or printed or printed bar code wristbands, rfid wristbands support the storage of personnel identity information data in the chip, and the surface wear does not affect the normal reading and writing function of the chip, which has better personnel identity recognition advantages.

Baobiwanxiang RFID Printable Thermal Wristband BVP14250B-HF03 is a combination of traditional barcode wristband and high-frequency passive rfid technology. In the field of entertainment activities, it is widely used in amusement parks, theme parks, electronic tickets, outdoor activities, exhibitions, sports events, concerts, parties, conferences, swimming pools, etc., to realize personnel identification, storage of information, payment and consumption, ticket inspection and access control, access control, personnel management personnel flow management analysis, etc.



Plastic Snap Wristband

Wristband Size : 285mm\*29mm

Material : Thermal

Packing : 100 pieces / roll / box



chip build-in



Available Colors

White

BVP14250B-01-HF03-5618

Red

BVP14250B-03-HF03-5618

Green

BVP14250B-04-HF03-5618

Blue

BVP14250B-05-HF03-5618

Yellow

BVP14250B-06-HF03-5618

Orange

BVP14250B-07-HF03-5618

Application

- Access Control
- Tickets
- Stored Value Consumption
- Can be printed in advance,can use ticket kiosk to print out

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## Chip Specifications

### Chip : FM11RF08

The FM11RF08S has an 8K bits eeprom which has 16 sectors with 4 blocks. One block consists of 16 bytes each.

### RF Interface

ISO/IEC 14443-A

Contactless transmission of data and supply energy (no battery needed)

Operating distance: up to 10cm (depending on various parameters as e.g. field strength and antenna geometry)

Operating frequency: 13.56 MHz

Fast communication baud rate: 106Kbit/s

Operating distance: up to 100mm (depending on antenna geometry)

Half duplex communication protocol using handshake

Encryption algorithm compatible with M1 standard

Typical transaction time: < 100ms

### Eeprom

1024x8 bits eeprom memory, organized in security separated

16 sectors supporting

Multi-application use

10 years data retention

Write endurance of 200,000 cycles

### Security

UID is unchangeable.

Mutual three pass authentication

High security level data communication

Each sector has two keys separately

User can defines assess conditions for each memory block flexibly

Security and anti-crack ability have been enhanced comparing with the old version chip



print and write at the same time

## RFID Printable Thermal Wristband BVP14250B-HF03 Features

- ◆ Thermal material, soft bacteriostasis, with soft plastic buckle, comfortable to wear
- ◆ Antibacterial and anti allergy, safety assurance, quality assurance
- ◆ Flexible and durable, and can be worn for more than a month
- ◆ The chip is embedded, which is highly waterproof, alcohol resistant and not easy to be damaged
- ◆ RFID non visual recognition, not afraid of blocking
- ◆ Anti human interference, fast identification
- ◆ Information encryption to fully protect patient privacy
- ◆ RFID chip has a unique ID number in the world, which cannot be changed or forged
- ◆ Good environmental compatibility, wear or contamination of the surface will not affect the information reading
- ◆ One-time use, prevent transfer or removed, make sure the uniqueness and correctness of identified person.
- ◆ Thermal printing, no consumables, high efficiency and environmental protection, cost saving
- ◆ Logo Preprinted, includes texts, barcodes, QR codes pictures etc.

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