

## MT-300 Kid Alert Bracelet

The MT-300 Bracelet Beacon B4 has built-in BLE iBeacon technology and has a kid's friendly elephant design. It is a smart bracelet to prevent children from going missing.

You can monitor your child and get an alert when your child wanders away, so MT-300 smart bracelet makes sure you never lose sight of your child, even at the beach or in an amusement park.

### FEATURES

- Programmed MiniBeacon standard firmware
- Included 1pc CR2016 coin battery
- The max. 30 meters advertising distance
- Ultra-low power consumption chipset nRF51822 with ARM core
- Easy to print the logo on the center of top case;

### CERTIFICATIONS

- iBeacon MFi License
- FCC Regulation (FCC Part 15.)
- CE Regulations

### SPECIFICATIONS

#### Compatibility

- Supported iOS 7.0+ and Android 4.3+ system;
- Compatible with Apple iBeacon™ standard;
- Compatible with all Bluetooth 4.0 (BLE) devices;

#### Long Battery Lifetime and Battery Level

- 3 months, with the default settings;
- Easy to get the real-time battery level notification;

#### Soft-reboot

- Reboot the device via command without any tools;

#### Connection Mode

- Advertising mode, non-connectable;
- Configuration mode, connectable;

#### Waterproof

- IP67 Level;



MT-300 Bracelet

Beacon

Image 1

#### Configurable Parameters

- UUID, Major, Minor, Device Name, Password etc.
- Special Configuration APP;

#### Transmission Power Levels

- 8 adjustable levels, range from 0 to 7
- Transmission power range: -30dBm to +4dBm;

#### Security

- 8 characters password (Lock/Unlock parameters);
- Broadcast the encrypted data if needed;
- AES HW encryptio

## OPERATION

Turn On: Please press the center of bracelet and keep on holding 5 seconds (you will hear a “b” sound), the LED will light on 5 seconds then off.

Turn Off: Please press the center of bracelet and keep on holding 5 seconds (you will hear a “b” sound), the LED will flash 5 times then off.



## ELECTRONIC PARAMETERS

Item	Value	Remarks
Case Color	Blue	Other colors can be customized
Battery Model	1 x CR2016	1pc CR2016 coin battery, 85mAh, 3.0V
Operation Voltage	1.8-3.6V	DC
Transmission Circuit	10.5mA (Max.)	Tested at 0dBm transmission power
Transmission Range	30 meters	Maximum
Antenna	50ohm	On board / PCB Antenna
Accessories	Double adhesive	1pc, high-strength, 3M brand;
Net Weight	19.0g	With battery but without package
Size	201 x 32.4 x 11.5 mm	Null

## PACKING INFORMATION

Details	Package Box	Carton
Quantity (B4)	16pcs per package box	160pcs per carton
Net Weight	0.31kg	3.1Kg
Gross Weight	0.38Kg	5.0Kg
Size	30.5 x 11 x 7.5 cm	32 x 23 x 40 cm

## DECLARATION

The contents of this datasheet are subject to change without prior notice for further improvement.