W6 Wristband Beacon
Product Brief

Designed with wearable bracelet shape, also integrated with 3-axis accelerometer sensor, W6 Wristband Beacon can be available for the scenarios of personnel tracking, access management and indoor location-based service.

Personnel tracking ensures the safety of patient and employee

- Stable advertising signal makes it easy to track and locate your patients, employees and students.
- Emergency button to notify emergency situations, task completion, or other predefined events in time.
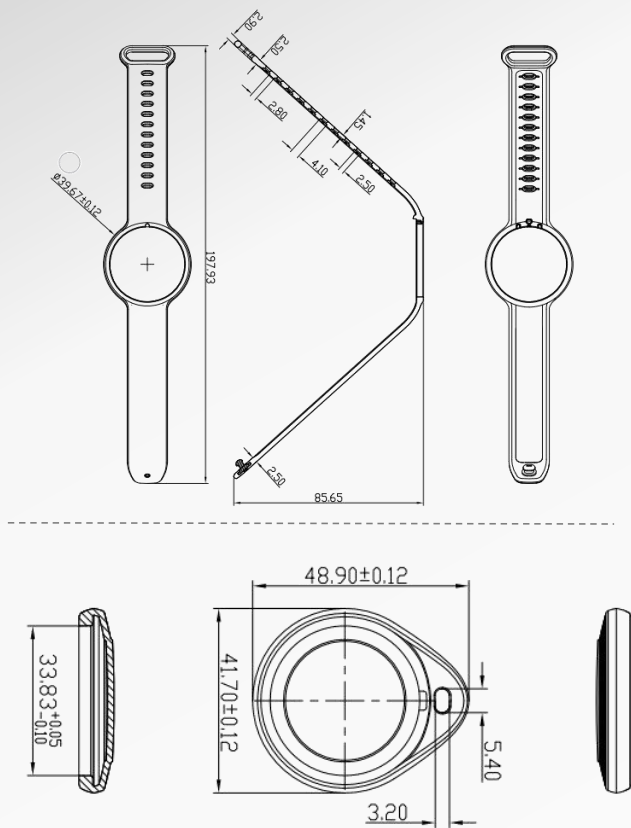
Marketing promotion

- ✓ Personnel tracking.
- ✓ Multiple wearing style with lanyard or strap.
- ✓ Rugged wearable design with IP67 waterproof.
- ✓ Replaceable lithium battery.
- ✓ Access control management.
- ✓ Long broadcasting distance(up to 150m)*.

All-round service to save your time and costs to market quickly

- Certified for USA (FCC), Europe (CE) including REACH and RoHS environmental regulation
- All other worldwide certifications can be customized
- Branding, Logo, Label, Packaging, Manufacture parameters, strap, even hardware and firmware are all customizable

*Long broadcasting distance: Tested in ideal environment without obstacles.

MOKO SMART

iBeacon　Eddystone　RFID　N　FC　CE　REACH　RoHS

General Features

Main Chip	Nordic nRF52
Bluetooth	Bluetooth 5.0
Range	Up to 150 meters (in the open area and no obstacles)
Dimension	48.9mm x 41.7mm x 12.0mm (Main body)
Antenna Type	PCB Onboard
Material	ABS+PC & TPU
Waterproof	IP67
Color	Black
Installation	Wrist wear, Keychain, Hang, Neck chain
Button	Mechanical button
LED	Single RED LED
Sensor	3-axis accelerometer sensor (optional) Mifare Classic 1k EV1 RFID or NTAG213
Operating temperature	-20°C / + 60°C
Storage temperature	-20°C / + 70°C (without battery) 10°C / + 25°C (with battery)
Humidity	0% ~ 95% (non-condensing)

Functions

Advertising format	Apple iBeacon Google Eddystone (UID, URL, TLM) MOKO BeaconX Pro sensor data (with 3-axis G-sensor)
Multi-advertising	Support up to 6 active slots (Beacon can broadcasts different advertising packets separately)
Configurable list	Advertising format and data/ Beacon name Tx Power/ Advertising interval Connection password/ Trigger options/ Sensor parameters
Proximity promotion	Calculate the distances through RSSI and push specified advertising promotion information
Sensor sampling	Broadcast or notify the 3-axis G-sensor data in real time (with 3-axis G-sensor)
SOS emergency (Button trigger)	Two or three times to click the button to change the advertising status and data for emergency help
Firmware update	Nordic DFU OTA/ J-link
Configuration APP	iOS and Android are available Scanning the advertising data and connecting to configure all parameters Open APP SDK for customer to develop

Power

Power supply	Replaceable CR2032 Lithium Coin Cell Battery 220mAh
Battery replaceable	Yes
Lifetime	1.5 years (Default settings*)

Default settings - 1 active slot, 1000ms ADV interval , 0 dBm Tx power and without 3-axis sensor.

Service and Customization

Certification	USA (FCC), Europe (CE-RED, CE-LVD, CE-EMC, REACH, RoHS) Other certifications can be customized
Manufacture customization	MP Pre-configuration parameters Packaging/ Laser logo/ Label/ Sensor/ Strap/ RFID
Development	Custom firmware development Customer firmware programing Custom hardware design and layout

Contact Us

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