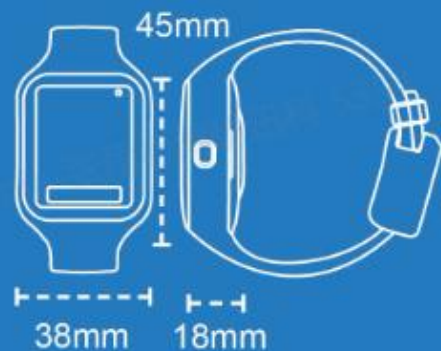


Tamper-resistant Tag

Tb4500-b



Product Parameters

【Frequency Band】 : 6.1GHz- 6.9GHz

【Power Spectral Density】 : <-
41.3dBm/MHz

【Antenna Type】 : Built-in
omnidirectional antenna

【Communication Range】 : 35m~50m

【Positioning Accuracy】 : 30cm (under
unobstructed conditions, the positioning
accuracy within a two-dimensional area is
within 30 cm.)

【Status Indication】 : LED flicker

【Status Monitoring】 : Heart rate
monitoring/Wristband integrity
check/SOS button detection/Low battery
detection

【Alarm Status】 : Abnormal heart rate
alarm/Tamper alarm/SOS alarm/Low
battery alarm

【Refresh Rate】 : 0.1Hz ~ 30Hz, adjustable

【Heart Rate Monitoring Principle】 :
Photoplethysmography (PPG)

【Heart Rate Monitoring Frequency】 :
Adjustable

【Heart Rate Monitoring Accuracy】 :
±10bpm(with proper fit)

【Battery Type】 : Built-in rechargeable
lithium battery

【Battery Capacity】 : 1000mAh

【Battery Life】 : 1 month ~ 2 months

【Buckles】 : Magnetic locking buckle/
Anti-tamper screw lock/ Mechanical lock
(removal in <3s)

【Degree of Protection】 : IP68 (CN
Standard)

【Certifications】 : CE/RoHS

- Activate emergency response and enhance preparedness
- Upon entry into the predefined geo-fencing perimeter, alarms and analytical statistics will be initiated, facilitating eviction alerts within the designated area
- Display and query the past movement of the tracked object on map for any timeframe
- If device is cut, the server triggers an alarm to prevent escape
- Enable real-time tracking of the wearer via ID, providing accurate positional data and supporting detailed status visualization