

Based on LoraWAN<sup>®</sup>

# Sports equipment loss-prevention Solution

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BLE tags are placed in the sports equipment bags and broadcast every five seconds.



The badge is placed in a duffle bag or any package the athlete carries with him or her, scans BLE tag every 30 seconds and reports tag information to cloud server, and can report up to 50 tags at a time.



The report period is adjustable.

The cloud server should count the tags detected in real time. If some tags cannot be detected within a period of time, the equipment corresponding to the tags may have been forgotten.



The badge can obtain the GPS position periodically, so it can directly get the real-time position of the athlete.



Dimension	98×60×7.7~9.1mm
Weight	50g
Materials	ABS
Bluetooth protocol	Bluetooth® LE 5.0
Battery	Rechargeable lithium battery, 800mAh
Protocol	LoraWAN1.0.3, OTAA/ABP
Operating temperature	-20~60°C
Certification	FCC, CE



Dimension	36.5×23.7×5mm
Weight	6.5g
Materials	ABS
Bluetooth protocol	Bluetooth® LE 5.0
Battery	CR series button battery, 230mAh, 3 years
Transmission range	60m



Any kind of iBeacon can be used as the tag.

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