

WKF300

BLE Key Fob

The WKF300 is a BLE beacon designed as a key fob. It can be used for driver ID identification and as a panic button.



Highlights

- Easy and Low Cost Installation
- Long Standby Time
- Low Power Alarm
- Long Distance Data Transmission
- Embedded Google @Eddystone

Specifications

Dimensions	56 × 41 × 8mm 2.20”(L) × 1.61”(W) × 0.31”(H)
Weight	22.3g (0.79oz)
Operating Voltage	2.4V ~ 3.3V DC
Operating Temperature	-20°C ~ +60°C
Carrier Frequency	2.4 GHz, supports BLE 4.2 protocol
Transmission Distance	80m (open area)
Sensitivity	-88dBm
Sampling Period	Once per second
LED Indicator	Indicates device activation, pairing or status check

Transmission Mode	Continuous data broadcast (1000ms to 5000ms) for monitoring the on-board status of the driver; one-time data broadcast for emergency alert
Battery Life	CR2032 button battery 3 years (press three times per day on average under normal ambient condition with continuous broadcast turned off); 1 year (continuous broadcast every second)
Low Power Alarm	Indicated in the data sent to the receiver