

## Smart E-Bike GPS Tracker

### Model: LCE13

LCE13 is a Smart GPS tracker for electric vehicles. It has a GSM network remote control, 9-90V power input, GPS real-time positioning, Bluetooth communication, vibration detection, anti-theft alarm, keyless start, lock wheels ACC detection, and remote controllers and seat e-lock. Through GSM network and Bluetooth respectively, LCE13 makes your electric vehicles online and always has its real-time status visible on the platform and APPs.



### MARKET APPLICATIONS



Electric Motorcycle



Electric Bike



Pedelec



E-Rickshaw

### MAIN FEATURES

#### Waterproof IP67

#### Motor Lock/Unlock

**Unlock the Seat Pad Remotely**  
Or same kind of e-lock unlocking

**9-90V Power Input, Built-in Battery**  
External battery voltage reading

**Overspeed Detection / Alarm**  
By connecting to EV controller

#### Bluetooth Control & Remote Controller Control

No matter where is the EV, real-time nearby control is always supported.

#### Keyless Power ON/OFF via APP

Both original key and APP control, or disabling the original key

#### Built-in 110db Siren for Alarm and Notification

#### Wheel Rotation Detection & Alarms

#### OTA

**GSM SPECIFICATIONS**

GSM frequency	GSM/GPRS network, Quad-band, 850/900/1800/1900
GPRS	Class 12, TCP/IP
Internal memory	32MB+32MB
Phase error	RMSPE<5,PPE<20
Max output	GSM850/GSM900:33±3dBm GSM1800/GSM1900:30±3dBm
Max frequency error	±0.1ppm
Receive sensitivity	Class II RBER2%(-102dBm)

**GPS SPECIFICATIONS**

Chipset	MTK
RF Channel	GPS + BDS
Location accuracy	<=5 meters
Tracking sensitivity	-162dBm
Acquisition sensitivity	-148dBm
TTFF (open sky)	Avg. hot start≤1sec
	Avg. cold start≤32sec

**OTHERS**

IP Rating	IP67
Working voltage	9-90VDC
Working Current	<5mA (built-in battery)
Wireless Technology	433MHz, BT4.1
Sensor	G-sensor
SIM Card	Micro SIM
Battery	Battery200mAh/3.7V Lithium-polymer battery
Wires	9 Cables (power +, power-, ACC, Lock, Movement detector, Seat lock, 433Mhz remote sensor, overspeed detector)
Siren	Supported, 110dB
Operating temperature	-20°C~ 70°C
Size	55*67.5*23.5mm
Weight	85g