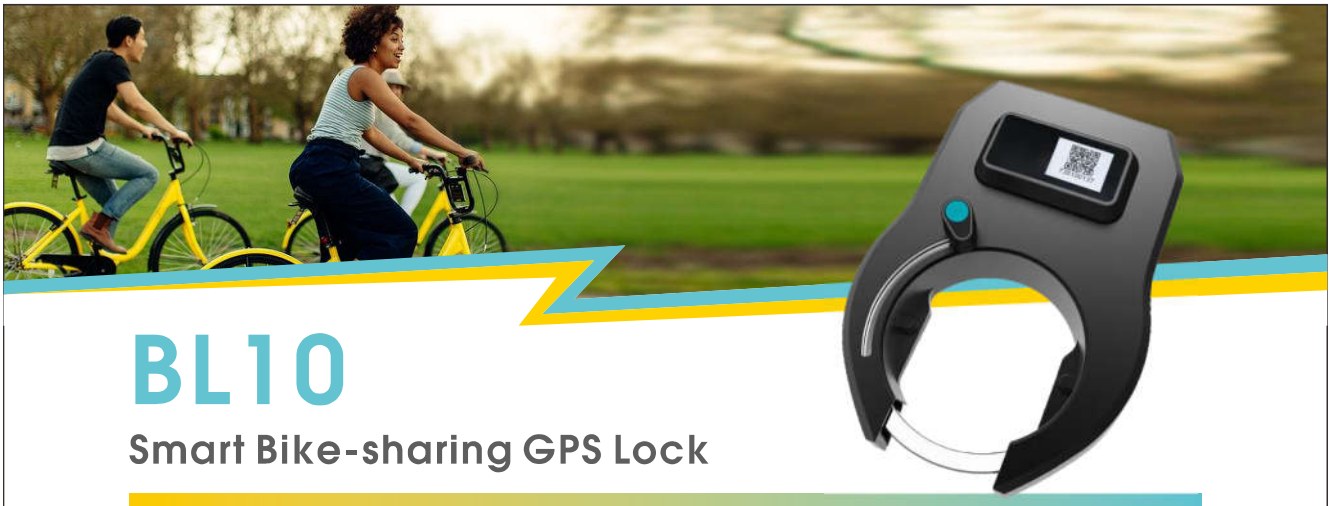

BL10

Smart Bike-sharing GPS Lock

GPS/ LBS Positioning
Faster searching & locating speed realizes more accurate bike locating

Geo-fence
Create virtual barrier to define geographical boundaries

Long battery life
10000mAh battery and intelligent power management ensure 45 days work time

Powered by solar energy
Mono-crystalline silicon solar panels provide solar-energy conversion

Stable & durable hardware
100,000 locking and unlocking tests witness its stable performance

IPX6 water proof
Able to withstand inclement weather conditions

OTA
Easy to update the GPS lock remotely

Efficient unlocking
GPRS & BLE technology ensures efficient and reliable unlocking

Application

Public places

Campus

National park

This Lock can be installed in the bike,by installing a APP on your mobile device, you'll be able to unlock the bike and start to enjoy your ride.
For app downloading address, please contact us on our website(see next page).

Concox Track & Achieve | JIMI Care & Share

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GSM Specification

CPU	CPU MTK2503, dominant frequency260MHz
Communication mode	GPRS
GSM frequency	850/900/1800/1900MHz
GPRS	Class 12,TCP/IP
Memory	64Mb
Phrase error	RMSPE<5,PPE<20
Max output	GPRS850/GPRS900:32±1dBm,GPRS1800/GPRS1900:29±1dBm
Max frequency error	±0.1ppm
Receive sensitivity	Class II RBER2% (-102dBm)

GPS Specification

Chip	MTK high sensitivity GPS chips
Frequency	GPS L1,1575.42MHz
channel	66
Location accuracy	5-10meters
Tracking sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTFF (open sky)	Avg.hot start≤1sec Avg.cold start≤32sec GNSS:≤10sec

Main Specification

Wi-Fi location accuracy	3-50meters
Bluetooth	CSR BLE 4.0
iBeacon location accuracy	1-10meters
G-Sensor	BMA 250E
Antenna	Built-in quad band GSM antenna, 25 x 25 x 4mm GPS ceramic antenna
Battery	10000mAh (Built-in 3.7V/2500mAh x 4 bytes 18650)
Charging	Solar energy (6V/5W)
Avg working current	About 60mA
Avg standby current	About 4mA
Working condition	Temperature:-20℃-60℃ Humidity:5%-95% non-condensing
Waterproof grade	IPX6

Contact

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FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.