



OC-01 Card Tracker

Setup and Installation Guide **VERSION 1.0**

Please read the manual before using and saving it for future reference. And please fully charge it before using

Parameters:

Cat M1&Cat NB1: [QUECTEL BG96](#)

LTE FDD:B2/B4/B12

Data transmit by: TCP/IP

Working voltage:3.4-4.2V DC

GNSS accuracy:≤2.5m (CEP50)

GNSS:GPS,GLONASS,Beidou,Gailileo,QZSS

GNSS sensitivity : cold start: -146 dbm,
reacquisition -157dbm,
tracking: -157 dbm

GNSS start time : cold start TTFF: <31s,
warm start TTFF<21s,

Working temperature : -20℃~+70℃

Working humidity:20%~80%RH

Color: white

Dimension:90*54*11mm

N.W:65g

Functions:

Support LTE CATM1 data transfer

Support WPT RX

Built-in high sensitivity GPS + AGPS rapid positioning

Support AT commands for easy and fast development

Communicated via SMS/TCP

Historical track and playback

OTA firmware upgrading

Data buffer storage 100 points

Support 3 aixe accelerometer

Support Geo-fencing function

Support wireless recharging

Installation:

Please insert the micro sim card and switch on the device.



Led indicator:

RED led	On: charging	off: full charged
BLUE led	Flash: searching LTE signal	off: ready to use
GREEN led	Flash: searching GPS signal	off: ready to use

SMS configuration:

1,IP setting

Command:CMD,IP,new ip,new port#

2,APN setting

Command:APN,new apn#

3,reset

Command:reset# Compatible:CQ#

4,restore factory setting

Command:RFS#

5,parameter query

Command:QP#

Auto-reply:

IMEI:359600108190001

APN:internet

IP:"47.112.147.216",10216

LMT:0

CENTER:

CQS:31-(31)

GPS:1

BAT:78% (3.98V)

6,set the center number

Command:center,000000,mobile No.#

7,google link

Command:URL# (with imei and time)

URLS# (without imei and time)

Only reply to the center number.

8,Low battery alarm

Command:LB,ON# (turn on)

LB,OFF# (Turn off)

※ Please note that when you send sms to turn off this function. Then the platform won't get the alarm either.

FCC Regulations:

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.

This device 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 radiated 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: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Exposure Information (SAR)

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States.

During SAR testing, this device is set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage near the body with the separation of 10mm. Although the SAR is determined at the highest certified power level, the actual SAR level of the while operating can be well below the maximum value.

The exposure standard for wireless employs a unit of measurement known as the Specific Absorption Rate, or SAR.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

The tracker is to embed it in binder which contain materials we want to be able to track. The binder is normally carried in a briefcase when not in use and when being used would be at a normal reading distance from the person.