

Omni

GPS

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GPS 位置情報“ON”にする

1. 本產品“**GPS**”**GLONASS**WIFI

204G

3. “ ” 5.0 APP
APP APP

APP APP IOT IOT

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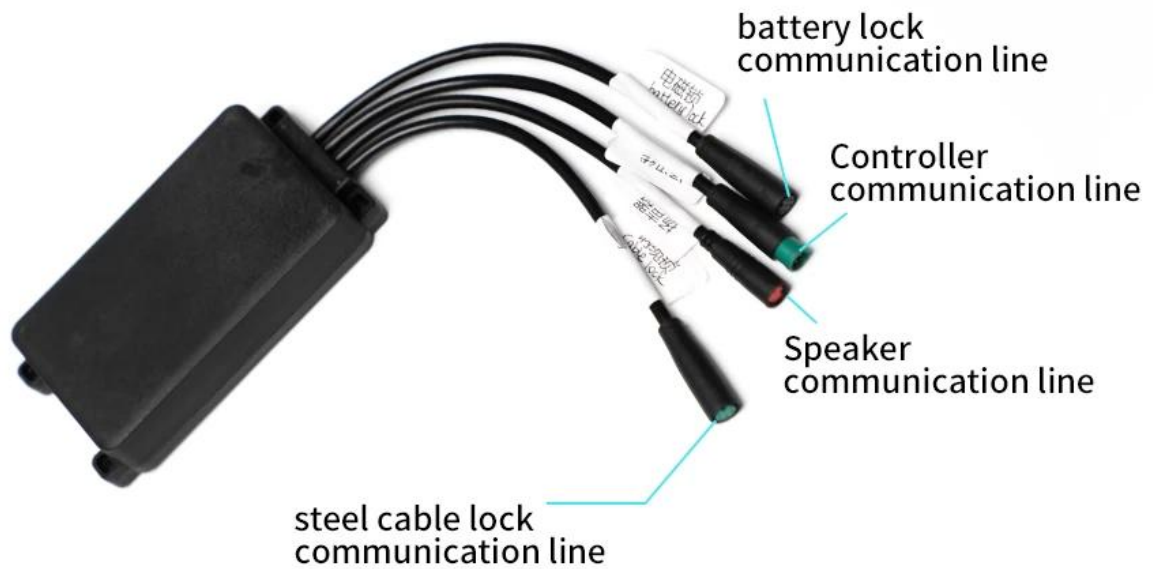
8 APP

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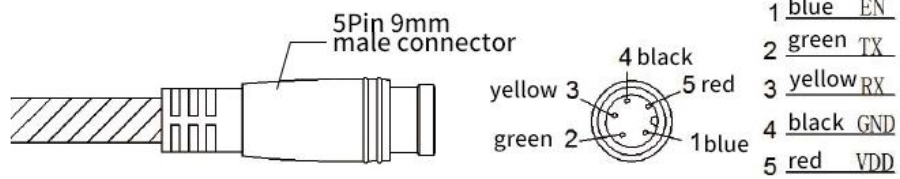
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OmniGPS

WIRING INSTRUCTIONS



Controller interface definition



MAJOR PARAMETERS



Communication with Controller

UART

Voice promote

Built-in several alert voice notice, voice range $\geq 70\text{dB}$ (Voice can be customized)

Vibration detection

Triaxial accelerometer

Working voltage

24-48VDC

Built-in battery

3.7V/350mAh

Working humidity

10~93RH

Working temperature

-20°C ~ +60°C

Location

Support GPS, GLONASS, BeiDou, Galileo, WIFI assistant location system

SIM card

Micro size (Micro-SIM)

Dimension of the device

LxWxH: 109mm × 58mm × 21.2mm (not including the wire)

Waterproof& dustproof

IP67

Communication with cloud server

TCP Socket

Starting time

Cold startup less than 120seconds, Warm startup less than 20 seconds, (Open area, weather is sunny without shade, including coordination optimization)

Sensitivity

-158dBm

Working current

$\leq 500\text{mA}$ (24-48VDC)

Built-in battery life

>2h (25°C)

Storage temperature

-40°C ~ +80°C

Location precision

$\leq 15\text{meters}$ (Open area, weather is sunny without shade.)

Location condition

Search satellites numbers ≥ 4 satellites and signal noise over 30dB

Outside shell material

PC+10%GF

4G NETWORK COMMUNICATION

Through server command, remote access to vehicle positioning, battery power, temperature and other information, remote setting of vehicle riding maximum speed, low power alarm value, etc.



Multiband communication

Support China version, European version, Australian version, North American version and other multi-band



4G Full Netcom

Support for SIM cards from multiple telecom

INTELLIGENT ALARM

Keep track of vehicle information at any time



Vibration alarm

Built-in high sensitive vibration sensor, immediately notify to the server when vibration is detected



Low power alarm

When the power of the device is less than 20%, report a notice to remind charging



Overspeed Alarm

A speeding alert will be sent immediately if the vehicle exceeds the set speed



Fall onto ground Alarm

When the sensor detects the the vehicle falling onto ground, it reports to the server via IoT

