



WhatsGPS

GPS positioning terminal

Model: G21L



Manual

1. Product Features



Real-time
location
tracking



4G network
communication



BDS+GPS
dual satellite
positioning



OTA remote
upgrade



Wide voltage
9-90V



Waterproof
IP67



Remote oil
circuit control



ACC status
detection



Vibration
alarm



Power -off
alarm



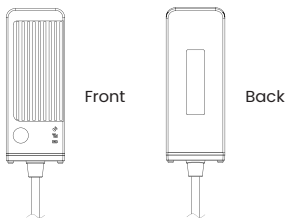
GEO-FENCE
alarm



Over-speed
alarm

2. Installation Instructions

2.1 Appearance



2.2 Device online operation

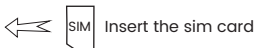
2.2.1 Insert the SIM card into the GPS tracker (SIM card requires SMS, data service and phone capabilities)

Turn on the GPS tracker's button and make sure the indicator light is on.

(Make sure the device has power, if not, connect it to the vehicle's battery and the battery will power it)



Sim card needs the SMS 、
data service and the phone
function



Insert the sim card

2.2.2 Command sending operation

Use your mobile phone to send 2 text messages
to the GPS tracker's sim card number

1) [APN,apnname#](#)

This sms is used to connect the gps tracker to
your local network.

(apnname. is the APN of the local operator of
your SIM card, such as APN,
cmnet# If you don't know the APN of the sim
card, please check it by searching or
Consult your local operator)

2) [SERVER, 1 ,gps.whatsgps.com,6801 ,0 #](#)

This sms is to connect the gps tracker to
whatsgps tracking platform

If it is other platforms, please refer to this format
to send commands. Please refer to the following
for details.

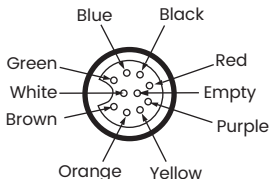
command list below

2.2.3 Log in to the website www.whatsgps.com
or download the app

whatsgps to check whether the tracker is online

WhatsGPS

2.3 Wiring definition



Harness Definition	Color	Notes
V+	Red	Connect to 12V/24V power supply
V-	Black	
ACC	Orange	ACC line
OIL	Yellow	Cut off oil line
DIN2	White	Low Detection (SOS)
DO2	Blue	Low output (controlling door opening)
DIN3	Purple	Low detection (door detection) / High detection/TTL TX
DO3	Green	Low output (controlling door closing) / TTL RX
5V out	Brown	DC 5V output (buzzer)