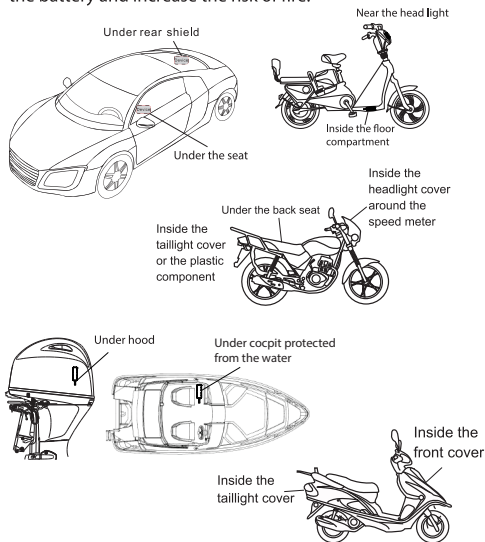


INSTALLATION RECOMMENDATIONS

Please install device with a qualified specialist assistance.

Note:

Device should be installed facing up towards the sky. The metal thermal barrier or heating layer on windshield may affect a signal. Change the mounting location to improve a signal strength. Device should be installed in a location that is not exposed to extreme heat or direct sunlight, which can degrade the battery and increase the risk of fire.



StarLine

M13EU v2 4G

SHORT USER MANUAL

Version 1.03

GENERAL DESCRIPTION

M13EUv2 4G LTE universal tracker offers an easy and economy vehicle positioning, live tracking and basic anti-theft security features.

Device can send text message with exact position and link to online map.

It can be quickly mounted in any road vehicles, motorcycles, quad bikes, boats and electric scooters in dry places.

Controlled object can be real time monitored on desktop at subscription free starline.online web service and "StarLine 2" free mobile app.

Major benefits

- Universal input power for various means of transport
- Quick installation
- Rugged dusttight housing
- Lifetime free subscription tracking
- Geofence In / Out alert
- Black box coordinates memory
- Remote engine cut
- Built-in backup battery

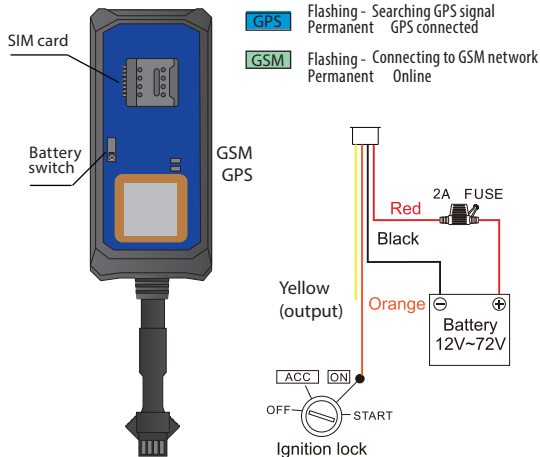
CONNECTION DIAGRAM

SIM card installation

SIM card must have active balance, SMS and internet package. PIN code request must be disabled.

Open up tracker housing with flat item and insert nano SIM card in the slot on the circuit board. Put the cover back.

When external power input wires are connected, turn the built-in battery switch to ON position.



TECHNICAL SPECIFICATION

Features	Values
Cellular network bands	LTE:B1/2/3/4/5/7/8/20/28/38/40/41/66 GSM: 850/900/1800/1900Mhz
SIM card	1 nano SIM
GSM antenna	embedded
GPS sensitivity	capture - 148 dBm tracking -163 dBm
Input power	9-90 V
Built-in battery	60 mAh
Current (12V) / Standby	32mA / 2mA
Operating temperature	-20 ... +60 °C
Dimensions	87x36x11 mm
Weight	38 g

CONFIGURATION



Before configuration, the wiring must be completed and connected to the power supply

#1. Save Owner phone number to the device memory to be able control tracker and receive notifications:

SOS,A,+xxxxxxxxxxx

#2. Set APN - the operator network access point:

APN,xxx,login,pass# (example: APN,internet.tele2.ee#)

Enable "Power OFF" alarm if necessary:

POWERALM,ON,10,10# where 10sec is Power OFF detection time interval



"StarLine 2"
App manual