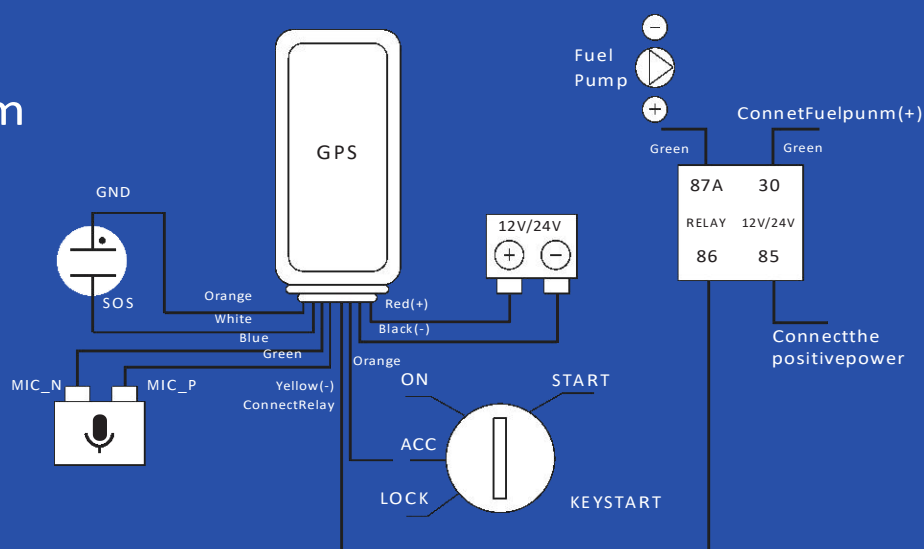


4GGPSTRACKER(LTECAT1/GSM/GPRS/GNSS)



SLIMDESIGNTOFITTHETIGHTTESTSPACES

15mm-heightdevicecanbeeasilyfittedinthetighttestspaces

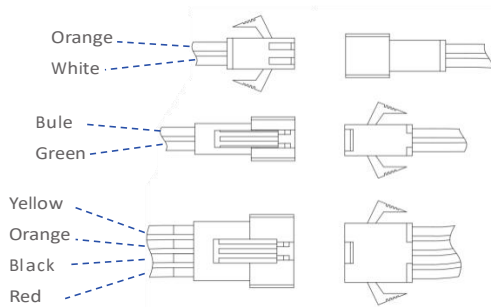
Physicsspecification

Dimensions	L86*W43*H15MM
Weight	70g

Module

Name	UIS8910
Technology	LTecat1/GSM/GPRS/GNSS

InterfaceDefinitionOfProduct



GNSS

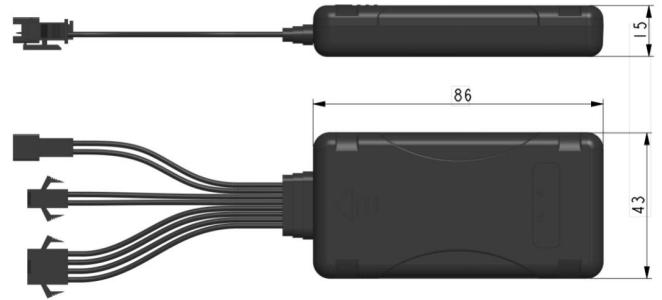
GNSS	GPS, GLONASS, GALILEO, BEIDOU, AGPS, QZSS, SBAS
Receiver	64channel
TrackingSensitivity	-160dB
PositionAccuracy	<2.0mCEP
VelocityAccuracy	<0.1m/s
HotStart	<1s
WarmStart	<4s
ColdStart	<28s

Cellular

Technology	LTecat1,GSM
2Gbands	GSM:850/900/1800/1900Mhz
4GLTECat1bands	LTefDD:B1/B2/B3/B4/B5/B7/B8/B20/B28 LTETDD:B34/B38/B39/B40/B41
Datatransfer	LTE:Max10Mbps(DL)/Max5Mbps(UL) GSM:GPRS:Max85.6Kbps(DL)/Max85.6Kbps(UL)
Datasupport	SMS(TXT/PDU)

Power

InputVoltageerange	9-90VDCwithovervoltageprotection
Battery	180mA/3.7Vindustrial-gradeLi-Polymer battery
PowerConsumption	At12V<4.5mA(OnlineSleep) At12V<30mA(Normal)



Colour	Interfacedefinition	Colour	Interfacedefinition
Orange	PowerGND	Yellow	Fuel-
White	SOS	Orange	ACC
Blue	MIC_N	Black	PowerGND
Green	MIC_P	Red	Power+

Operatingenvironment

OperatingTemperature	-20°Cto+75°C
StorageTemperature	-40°Cto+85°C
OperatingHumidity	5%to95%non-condensing
IngressProtectionRating	IP54

Interface

DigitalInputs	4
DigitalOutputs	1
GNSSAntenna	InternalHighGain
CellularAntenna	InternalGSMHighGain
LEDIndication	2statusLEDlights
SIM	Micro-SIM
Memory	8MBinternalflashmemory

Features

Sensors	Accelerometer
Scenarios	OverSpeedingdetection, Jammingdetection, Unplugdetection, Towingdetection, Crashdetection, ManualGeofence, Trip, SOS, MICforlistenin
Sleepmodes	OnlineSleep Normal
GPRSCommands	Configuration
TimeSynchronization	GNSS, server
detection	DigitalInput4, Accelerometer, External PowerVoltage

Certification&approvals

Regulatory	CE
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FCC Statement

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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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

(1) Reorient or relocate the receiving antenna.

(2) Increase the separation between the equipment and receiver.

(3) Connect the equipment to an outlet on a circuit different from the receivers.

(4) Consult the dealer or an experienced radio/TV technician for help.

Radio Frequency Exposure Statement

The device has been evaluated to meet general RF exposure requirements. The device can be used in fixed/mobile exposure condition. The min separation distance is 20cm.