

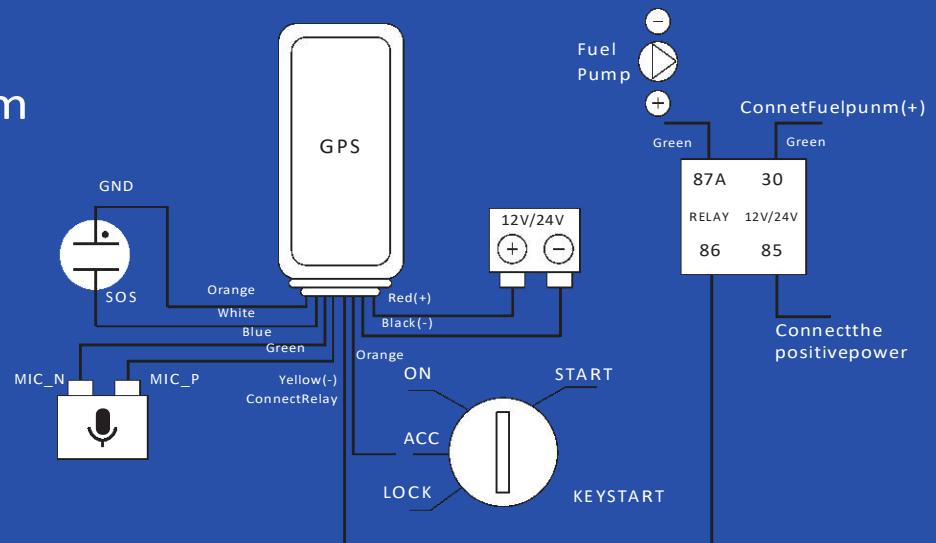
C02G

4GGPSTRACKER(LTECAT1/GSM/GPRS/GNSS)

Supporting 9-90V voltage range, HW-C02G series works suitably with a wide range of vehicles. Thanks to its inbuilt large antenna and compact size, it delivers faster and more accurate positions and can be hidden-installed. In addition to its general features alert of power supply disconnection and tamper are pluses for anti-theft, and with SOS and MIC for listen in features.



Device Wiring Diagram



SLIM DESIGN TO FIT THE TIGHTEST SPACES

15mm-height device can be easily fitted in the tightest spaces

Physical specification

Dimensions	L86*W43*H15MM
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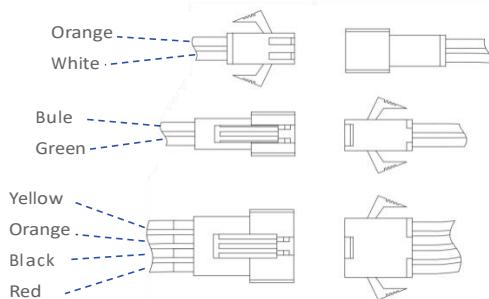
Weight	70g
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Module

Name	UIS8910
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Technology	LTECat1/GSM/GPRS/GNSS
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Interface Definition Of Product



GNSS

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

Technology	LTECat1, GSM
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2Gbands	GSM:850/900/1800/1900Mhz
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4GLTECat1bands	LTEFDD:B1/B2/B3/B4/B5/B7/B8/B20/B28 LTETDD:B34/B38/B39/B40/B41
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Datatransfer	LTE:Max10Mbps(DL)/Max5Mbps(UL) GSM:GPRS:Max85.6Kbps(DL)/Max85.6Kbps(UL)
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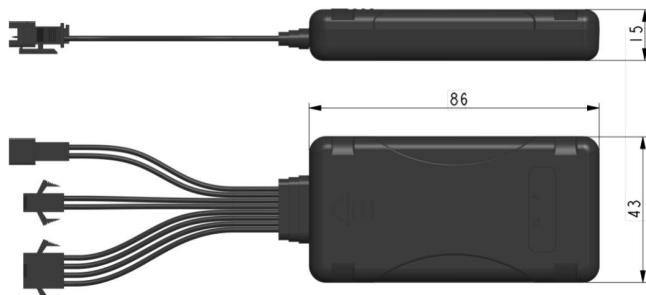
Datasupport	SMS(TXT/PDU)
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Power

InputVoltagerange	9-90VDC with overvoltage protection
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Battery	180mA/3.7V industrial-grade Li-Polymer battery
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PowerConsumption	At 12V <4.5mA (Online Sleep) At 12V <30mA (Normal)
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Colour	Interface definition	Colour	Interface definition
Orange	PowerGND	Yellow	Fuel-
White	SOS	Orange	ACC
Blue	MIC_N	Black	PowerGND
Green	MIC_P	Red	Power+

Operating environment

OperatingTemperature	-20°C to +75°C
StorageTemperature	-40°C to +85°C
OperatingHumidity	5% to 95% non-condensing
IngressProtectionRating	IP54

Interface

DigitalInputs	4
DigitalOutputs	1
GNSSAntenna	Internal High Gain
CellularAntenna	Internal GSM High Gain
LEDIndication	2 status LED lights
SIM	Micro-SIM
Memory	8MB internal flash memory

Features

Sensors	Accelerometer
Scenarios	OverSpeeding detection, Jamming detection, Unplug detection, Towing detection, Crash detection, ManualGeofence, Trip, SOS, MICforlisten in
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.