

Device usage

The device is controlled by a centralized internet based application. This application is accessible only by authorized personnel. No direct operations are possible on the device itself. The unit uses GPS for positioning and the GSM network to communicate with the internet application.

Power Consumption

Input Voltage: +12V/24VDC
 Average Power Consumption: 35 mA@12VDC
 Average Sleep Mode Consumption: 4mA@12VDC
 Operating Temperature Range: -25 degrees C to 70 degrees C

GSM Specification

GSM, GPRS Class 10
 Quad band 850/900/1800/1900
 Automatic switching between bands
 PBCCH supported
 GPRS Class B
 GPRS Multislot Class 10 (3+2 & 4+1)
 FCC ID Number VW3MASV8QUAD

Antenna:

Connector Type/ Color: FAKRA/ Purple
 Mounting: Double-sided tape
 Gain: 2.5 to 3 dBi
 Cable length: 6.5ft

GPS Specification

L1 frequency
Antenna:
 Connector Type/ Color: FAKRA/ Blue
 Mounting: Double-sided tape
 100% Water proof
 Polarization: RHCP

Installation Instructions

If you are unsure of any step of this process, please call our Customer Care service at 1-866-276-5382. This package includes the following components: One device, One RF antenna, One GPS antenna, One power cable; Two starter-interrupt cables. (Cut-off model only)

Installation notes

- To be installed only inside vehicle cabin.
- GPS antenna must be mounted so that no metal is impeding sky-view, rounded side up.
- GSM antenna is best located on a non metallic area.
- See all the warnings and notes on page 1 and 2 before installation.
- No power should be applied to unit if antennas are not connected.

INSTALLATION PROCEDURE

- 1) Locate a constant power source and a good ground (ignition off). Locate the starter wire if installing a cut-off device. The starter wire only has power when cranking.
 - 2) Disconnect the battery from the vehicle electrical system from this point forward to avoid possible damage due to shorting of exposed wire.
- The unit must never be powered up without the antennas connected.**
- 3) Ground the black wire of the power cable assembly to the vehicle's frame.
If installing a locate only device, jump to step 5
 - 4) Cut the starter wire and connect the starter-interrupt cables to each end of the starter wire. Plug in the "Quick-Release" connectors from the starter-interrupt cables to the device.

Make sure all connections are soldered and well insulated.**Note: all components of the device (GPS/RF antennas) should be installed behind the dashboard**

- 5) Install the RF antenna on a flat surface, ensuring that the sticker has good contact. For best results, install in a vertical position six inches away from any metal.
- 6) Plug the RF antenna to the device's purple connector. Antennas are keyed so as to prevent reversing of the antennas.
- 7) Install the GPS antenna in the vehicle. Choose a location where it has NO METAL impeding its view of the sky. Plug the GPS antenna to the device's blue connector.
- 8) Connect the red power cable to the constant power source and install the device in the vehicle.

When connecting or disconnecting either antenna from the device, make sure to remove the power cable first. Severe damage to the unit may result otherwise

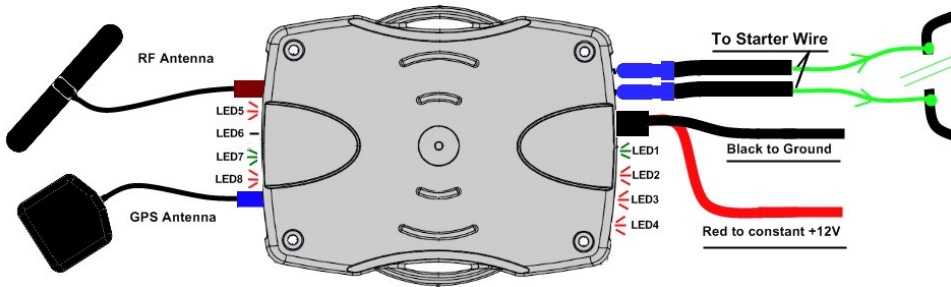
- 9) Reconnect the vehicle's battery.
- 10) Park the vehicle outside, away from trees or tall buildings. Verify the installation was a success by performing a "Location" command from your account.

TESTING

	COLOR	OFF	BLINK FAST	BLINK SLOW	ON
LED1=Power	Green	No Power			Power
LED2=Starter	Red	Enabled		Warning	Disabled
LED3=GPS	Red	No Power/Error	Acquiring(3)	Has Date/Time	Good GPS Fix
LED4=Mode	Red	No Power/Error		Normal	
LED5=Radio	Red	No Power/Error(1)	Network Error	Acquiring(2)	Connected
LED6=Spare	None				
LED7=Network	Green	Network Diagnostic LEDs; Disregard			
LED8=Network	Red				

- (1) Radio LED may be OFF during approximately 10 seconds after power-on. This is normal.
 (2) Acquiring time of approximately 75 seconds during power-on. Users should wait at least 2 minutes before addressing the device for the first time.
 (3) GPS LED may be OFF during approximately 10 seconds after power-on. This is normal. GPS LED may stay off if there is a radio error on power-up.
- Note: It is recommended to insulate the in-line fuse with shrink wrap or electrical tape. Ensure fuse is properly inserted.

Connect as Starter Interrupt

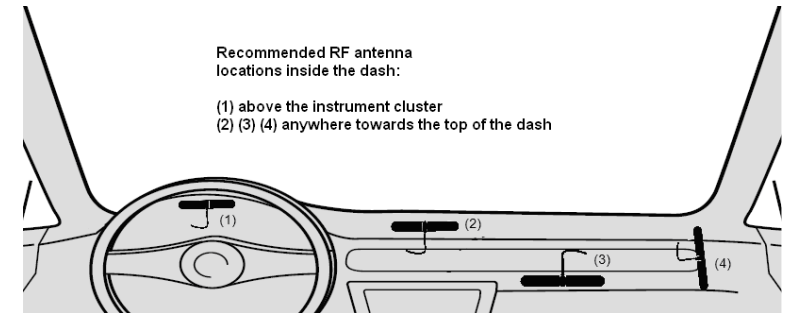


This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



Warning: Changes or modifications made to this equipment not expressly approved by iMetrik Inc may void the FCC authorization to operate this equipment.

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

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note:

This Class B digital apparatus complies with Canadian ICES-003.
 Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

S/N:	IMEI:
MAKE:	MODEL:
YEAR:	VIN: