

iFind900E quick start Installation Guide

Package Contents

1. Vehicle tracking unit with built in GPS receiver and cellular GSM transceiver/MODEM.
2. GPS / GSM Antenna with 10 foot lead wire with Blue / Purple FAKRA connectors .
3. Power connection cable for tracking unit.
4. Install Guide

Before you install your device into your vehicle visit www.findwhere.com and activate your ifind900E with the MSISDN and UnitID provided. If you need any assistance or have any questions during this process of activating your device then please visit: <http://support.findwhere.com>

Antenna installation

Start by installing the GPS antenna. A recommended location is in the "A" pillar of the vehicle. Keep in mind that some vehicles might have an airbag in the "A" pillar. In such cases install the antenna below the airbag or another location such as directly under the dashboard where the antenna has a clear view to the sky to pick up a satellite signal.

1



1. The GPS antenna will have a clear view of the sky if mounted on the driver's side "A" pillar frame.
2. To install the GPS antenna, remove the "A" Pillar cover. Start at top and carefully pull it away just slightly. It is usually held in place by clips spaced 4" apart.
 - a. **WARNING:** Some vehicles have an airbag in the "A" pillar. In such cases install the antenna below the airbag.
3. Once pulled back you will see the bare metal of the "A" pillar. The GPS antenna comes with double sided tape to ensure it stays on its place of install.
4. Make sure the GPS is in the center of the pillar and about 3/4 the way up the pillar (from where the dash meets the windshield).
5. Run the antenna lead wire between dash and pillar to under dash to the tracker.



900E Placement / 900E Power connection

The best location to place the 900E is under the dash or under/in the console area. There is usually plenty of room in either location. Connect the hardwire kit to the power by POWER (red wire) and GROUND (black wire) and ignition(White). Ensure yourself that your source of power is protected by a fuse.

Wiring definition

- Black is ground
- Red is power 12v un-switched
- White is Ignition switch

The GSM/GPRS 900E has an input voltage range of 7 – 40 V DC. The power and ignition pins can support 7 – 40 V DC input voltage. The user has an option to connect these wires depending on the desired functionality. Described below are the desired functionality and their associated wire connecting procedure. Connect the power and ground wires of the 900E to the vehicle battery leads. The 900E will always remain ON as long as the vehicle battery lasts.

- The 900E will be non-operational when the input voltage and current requirements are not met (vehicle battery drains) unless the unit is equipped with a battery.
- Connect the Ignition wire to a switched source that receives positive voltage when the ignition is on. The 900E goes through a reset upon an ignition transition, if connected.

2

Directly after you plug in the antenna and power cable, note 2 small RED lights coming on, see the definition below to check upon the device state.



SIMCard slot

3x Status LED Lights

- Center LED light will be solid RED Meaning:
 - GPS PWR: Indicates power to the GPS module. LED is on when power is turned on and the GPS module is operational. LED is off when power is removed or when the 900E enters standby mode.
- Left LED light will flash RED meaning:
 - USR1, This LED indicates GSM/GPRS registration status. LED state of OFF indicates that the device is not attempting to register to the network. Blinking LED indicates that the device is trying to connect to the network. LED always ON indicates that the device is attached to the network.
- Right LED light will flash RED meaning:
 - USR2: This LED displays GPS fix status. The LED remains in OFF state when invalid GPS data is received. The LED remains ON when valid GPS data is received.



▶ activate ▶ login

Translate: 

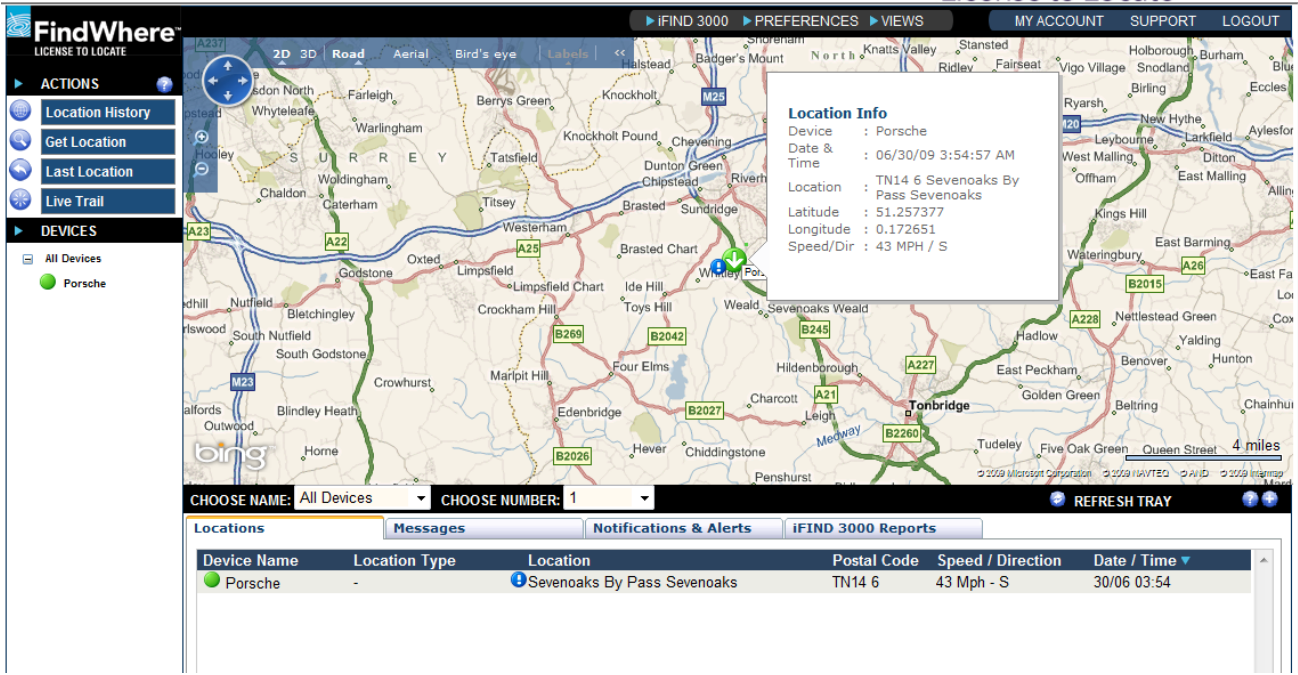
Activating your iFind3000 is easy:

1. Activate your device with the assigned MSISDN number and UnitID on <http://www.findwhere.com/activate> and a FindWhere Account will be created, confirmation on the account activation is send to you by e-mail.
2. Make sure the device battery is installed and fully charged.
3. Place your device in such a way that is has a good view to the sky so the device is able to compute its first GPS Location.
4. Visit www.findwhere.com and login to the newly created FindWhere Member Panel with the details as inserted in the activation form, once the device has a GPS signal received it will be displayed on the map and Locations tray in your FindWhere Member Panel.
5. Now your device is setup successfully and ready for usage, edit the device settings in your member panel to reflect your preferences.

First Use of the device

3

Once you have confirmed yourself the 900E is operational and has network and GPS fixes continue with the installation and find a location for the tracker up and under the dash, in the console area or in the console. Make sure to secure the iFind900E with either tie wraps or screws matching the default device install casing. Wrap any excess wire around the tracking device. Login to your member panel to check the device's location report to be correct. Once confirmed to be correct you can adjust the device settings to reflect your user preference and start tracking the device.



iFind900E

Front view of iFind900E





GSM/GPS Antenna



Hardwire Kit



5

Rear view of iFind900E

