



# Important Information for the Installation of the GPSeye™ Antenna

## Mounting of the Antenna:

Please note that a wrongly mounted antenna could result in incorrect location data. Therefore, please take note of the following:

All antennas have to be unblocked. Antennas with magnet mounting have to be installed outside at the vehicle roof to ensure a good transmission. Antennas mounted with stickers should not be used with vertical front screens, as a correct justification is not possible (e.g. lorry, bus). Please note that for metal-coated window screens (for heat insulation) sticker antennas should not be used, as a sufficient reception cannot be ensured. The GPS antenna should be mounted on the left vehicle side to reduce transmission interruption due to higher buildings.

Important: If two separate magnet mounted antennas are used (1x GSM antenna, 1 x GPS antenna) a minimum distance of 10 cm has to be observed.

Sticker mounted antennas must be installed with a minimum distance of 5 cm to the screen edge (otherwise the chassis could influence the reception).

We recommend installing permanently mounted antennas, as these ensure a better and faultless operation. For an inconspicuous mounting, antennas could be also installed in the exterior rear-view mirror (depended on vehicle type). In this case the GPS antenna should be installed in the left, and the GPS antenna installed in the right exterior rear-view mirror.

## Installation GPSeye™:

Important: The device has to be installed at a location without extensive heat exposure (i.e. not underneath the dashboard or proximity of the heater hose). After mounting the antennas at the vehicle, the GSM antenna cable has to be connected to the SAP socket (=FME socket) and the GPS cable to the SMA plug. Connect the power supply with the respective GPSeye™ plug, which is easy to identify, and lock via turning it (bayonet socket).

If the power supply is via the cigarette lighter 12V, just plug into the vehicle's cigarette lighter. For the power supply via a blade terminal connect to mass (GND) and ignition (clamp 15) or to permanent plus (clamp 30).

If the device is connected to permanent positive, it makes sense to assemble the device in way, where it can be extracted without a big effort. The disconnection is suggestive, if the device will stand for any length of time (longer than 1 week).

Please check that the voltage connection is secure (maximum 5A fuse). We would like to point out that no fast connectors can be used! Please check the power supply as well as the working condition of the device by activating the ignition. Take note of the LEDs: The vehicle must be in the open to receive GPS. Both LEDs must glow equally after approximately one minute

Information as per April 2010