

SMARTYCAM + ECU BRIDGE WITH OBDII CONNECTOR START-UP GUIDE

1) Configure ECU Bridge

Open Race Studio 2, clic "AIM System Manager">>"SMC bridge">>"New". Choose ECU Manufacturer, car model and desired measure units.

Then clic "SmartyCam functions setting" to choose data to be overlayed on videos.

Now clic "Trasmit" to send the new configuration to ECU bridge.

2) Insert OBDII connector in the OBDII socket.

3) Install SmartyCam

Put the camera in the desired position and fix it (even using the optional brackets): the display shows a frame preview.

4) Calibrate the accelerometer (see paragraph 6.3.1.1. SmartyCam user guide)

5) Set Auto-REC function (paragraph 6.4.2. SmartyCam user guide)

With Auto-REC recording starts automatically when speed is higher than 10 Km/h or RPM>1000.

That's all: now it is possible to shoot your first video

If you want to get laptimes and overlay them on videos you have to fix start/finish point. This operation can be done in two ways:

- **Manually** on SmartyCam display: simply press Menu>>"Lap Management">>"Fix". Once the point is fixed, every time SmartyCam passes that point, a laptime will be registered.
- **Automatically:** for this option it is necessary to put SmartyCam, ECU bridge and external GPS in mutual connection, and then plug ECU bridge into the PC.

Download GPS Manager software from:

http://www.aim-sportline.com/pagine/download/sezione_software.php?lang=ita

There you find an ample database of the most relevant tracks from all over the world

Then:

- Open GPS manager
- Select the desired track
- Clic "Send to GPS"

The external GPS module will record start/finish point. From now on, every time SmartyCam passes that point, a laptime will be registered.