

Attention Application User Manual

Everything needed in order to install and run Attention application



Before we go in to how to use “Attention”, we first need to take a look at some requirements needed to make the app work.

- A camera
- OpenCV manager has to be installed on the android device
- A minimum API level of 19
- Signals from the truck

After you have downloaded and installed the application:

1. Dock the device in front of you.
2. Run the application.

The application should now look like this:

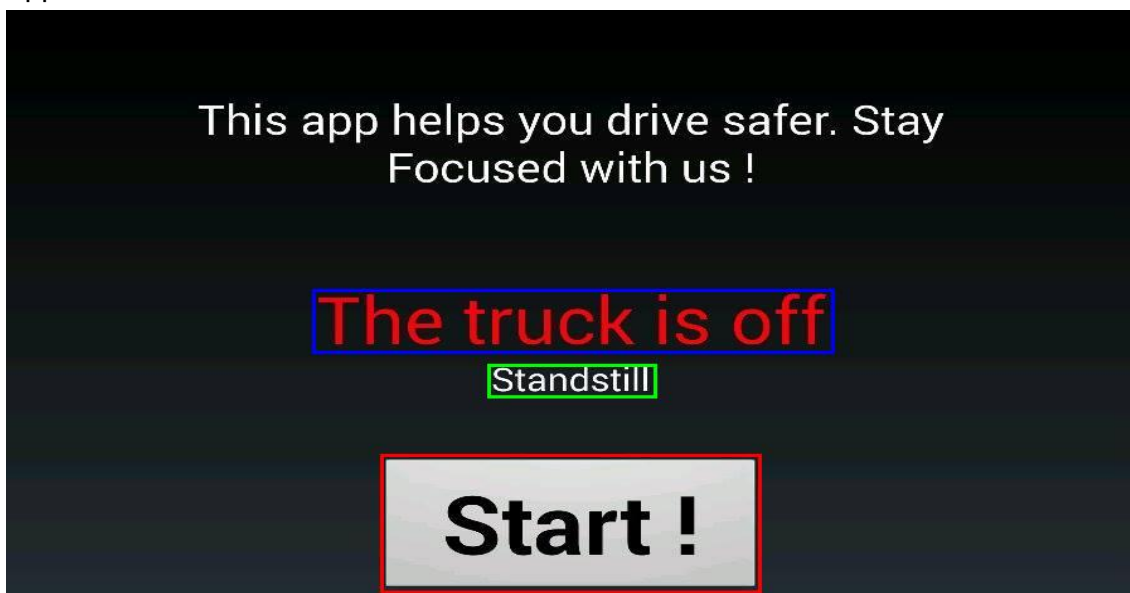


figure 1

The text inside of the blue marked area indicates if the truck is on or off.

The area marked with green color indicates the distraction level.

The button marked with red color starts the face/eye-detection when pressed.

3. Start the vehicle.
Now you should notice that the truck is ON.
4. Press the Start! button marked with red color in figure 1.

The application should now look something like this:

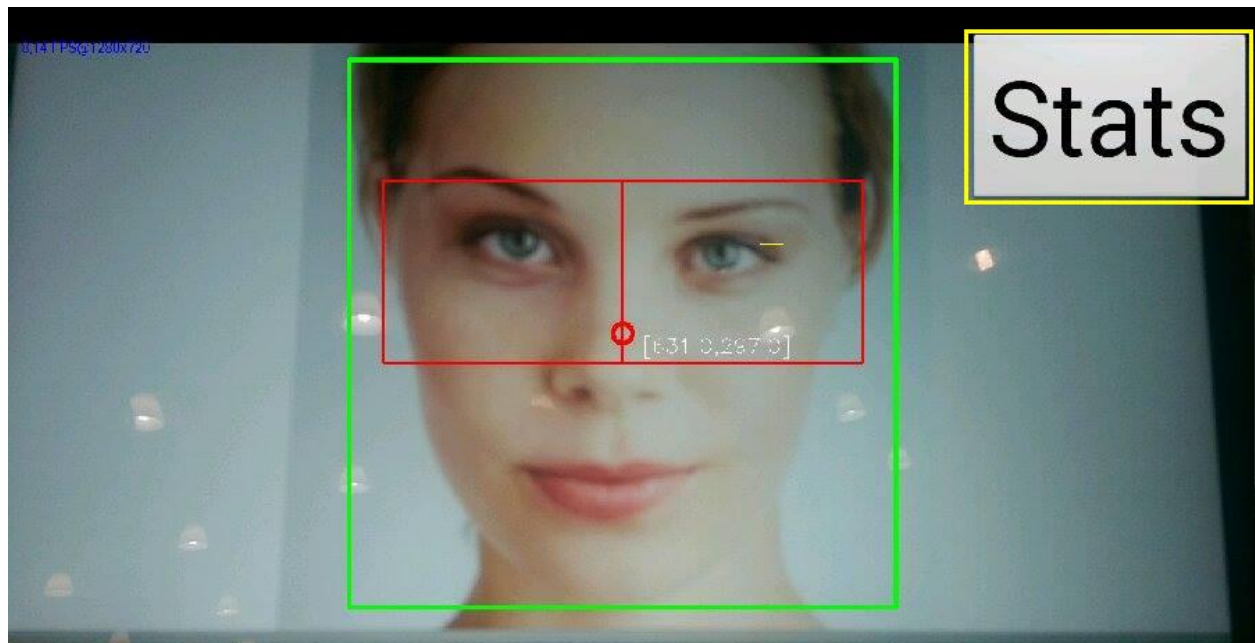


figure 2

To show statistics of your driving press the Stats button marked with yellow color in figure 2.

The application is now running and will play a sound signal if you get too distracted. If you hear the application giving off sounds it means you are distracted and you should immediately watch the road.

5. Press the Stats button marked with yellow color in figure 2 for statistics while driving. If the Stats button is pressed you will get a popup window showing your statistics as in figure 3.



figure 3

The text inside the green marked area shows how many times you have set off the alarm. The text inside of the blue marked area shows a percentage of the total time you have been distracted.