
EYESPY - Fatigue Driver Assistance System

by Gamer (Yeah Yeah!)

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What is it?

EYESPY is a device that mounts to your car's dashboard and assists you in case fatigue is detected.

In other words, it is a system to prevent car accidents caused by fatigue driving.

The device is easily detachable - if you want to put it in glove compartment or use on another car.

What does it consist of?

- 5-inch touch screen display
 - to **Start** the system and use **Settings**
 - Camera
 - for Fatigue Recognition
 - Speaker
 - for Tones/Alarms and Trivia
 - Column Setup - Vibration Module + Kill Switches
 - for Haptic Feedback and Switching Off features
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How does it work?

EYESPY uses a small camera to detect signs of fatigue on your face. It does so by tracking eye blinks, head tilts and yawns. Based on this data, **EYESPY** determines one of the five levels of fatigue:

- Awake
 - Slightly Fatigued
 - Fatigued
 - Very Fatigued
 - Extremely Fatigued
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How does it work?

Based on the level of fatigue, the system activates one of the features to assist you and keep you focused and awake.

By default, assigned features are:

- Awake - No Action
- Slightly Fatigued - Tones/Alarms
- Fatigued - Dialogue/Trivia
- Very Fatigued - Steering Wheel Haptic Feedback
- Extremely Fatigued - Parking Recommendations

However, they can be customised by you to your liking in **Settings**.

How does it work?

In case any feature is malfunctioning or you want to switch it off for any other reason, there is a "kill switch". A paddle-like trigger that would shut off the system.

Thank you!