



seeingmachines

GUARDIAN

# DRIVERS GUIDE

GUARDIAN / GEN 2

**WELCOME TO  
SAFER DRIVING**



**GET HOME SAFELY WITH  
GUARDIAN!**

**GUARDIAN WILL PROVIDE  
REAL-TIME ALERTS IF IT  
DETECTS SIGNS OF FATIGUE  
OR DISTRACTION WHILE YOU  
DRIVE. IT WILL INTERVENE TO  
PROTECT YOUR LIFE AND LIVES  
OF OTHERS ON THE ROAD.**



**GUARDIAN**

# HOW DOES GUARDIAN PROTECT ME?

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Guardian will help keep you safe while you drive, anytime, anywhere. It will alert you if you close your eyes, which can help you and your manager determine when you need to take a break. Guardian will also alert you if you move your head in a way that indicates you may not be looking at the road in front. The forward-facing camera (if installed) allows you to film the road in front, which means you can record what has happened in the event of an incident.



# HOW IT WORKS

## REAL TIME IN-VEHICLE



### 01 EVENTS

Driver fatigue or distraction has been detected.



### 02 ALERTS

Seat vibration and audio alerts are activated to warn the driver.

## 24/7 SUPPORT



### 03 ANALYSIS

Analysts review the footage and notify the manager.



## THE COMPONENTS IN YOUR VEHICLE

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### **IN-CAB GUARDIAN SENSOR:**

Tracks eye closure and head position to provide protection against fatigue and distraction.

### **FORWARD-FACING CAMERA (IF INSTALLED):**

Captures footage of the road in front of the vehicle.



**VIBRATION MOTOR:**

Vibrates the seat when fatigue or distraction is detected.

**COMPUTER/CONTROLLER:**

A fanless computer which is the heart of Guardian. All peripherals, and power, are connected to it.

## CAPTURING A FORWARD-FACING VIDEO



To record a video with the forward-facing camera (if installed), press and release the video button on the front of the in-cab sensor. The default setting will be 15 seconds before and 15 seconds after the button is pressed (configurable if needed).





## EVENT TYPES

### Fatigue

Fatigue events are detected when your eyes are closed (or almost closed) for 1.5 seconds or longer when travelling at or above a set speed threshold.

### Distraction

Distraction events are detected when you look away from the road for 4 seconds or longer when travelling at or above a set speed threshold.

### Field of View

Field of View (FOV) exceptions are detected when Guardian cannot track your face for a set period. For example, if the in-cab sensor is covered.

# FAQS

## **What happens when Guardian detects an event?**

If eye or head movement exceeds set parameters, you will be alerted with an audible alarm and seat vibration. Our 24/7 Guardian Center will review the information and your manager will be contacted if required.

## **What happens if the in-cab sensor is covered?**

If the in-cab sensor cannot track your face, you will not be protected by Guardian. Guardian will record this as an event which can be viewed by your manager.

### **Does Guardian work with safety glasses, sunglasses and spectacles?**

Yes, Guardian works with most glasses. Some types of glasses (e.g. with thick rims or reflective coating) may confuse the system and are not recommended.

### **Who can access my data?**

Information can only be accessed by your Company's nominated contacts via a secure web portal.

### **Can my manager (remotely) connect to the system and monitor me while I drive?**

No. Please note Guardian is not a CCTV. This means that no one can under any circumstances connect to the system and monitor you while you drive or while you are in cabin.

### **What about my privacy?**

Seeing Machines respects your privacy. A Privacy Policy which sets out the types of data Guardian may collect about drivers, and how we collect, use, disclose and protect this data to comply with relevant privacy laws is available on our website [seeingmachines.com](https://seeingmachines.com)

### **How do I set up Guardian?**

Once installed, Guardian requires no additional set up. Each time you start the vehicle, Guardian will power up and will be ready to protect you. If the LED light on the in-cab sensor is red, this indicates that the system is not working properly and should be reported to your manager as soon as possible.



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## **CLEANING**

A basic check is required to ensure that the in-cab sensor and forward-facing camera are free from dirt, dust and greasy substances and that they remain in position.

A clean, lint-free cloth can be used to clean them. Please do not use cleaning substances (such as dash cleaners) to clean the system as they can damage the sensor. The system is not waterproof. Water from cleaning or from external sources such as leaving a window open may damage the system. Please contact your manager if there are any issues with the system such as a red light, damaged cables or if the in-cab sensor is not firmly affixed.

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