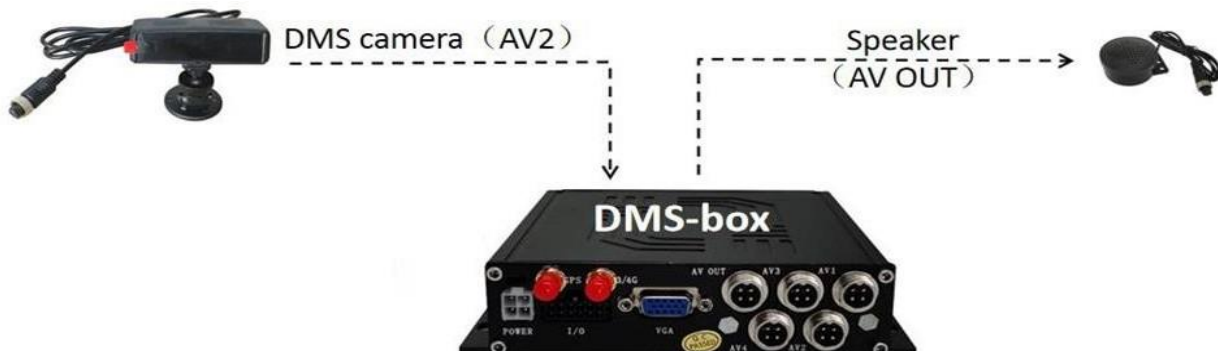


As per DGMS guidelines, records warning provided with time stamp to enable easy retrieval and analysis of the immediate past 96 deployment operating hours.

## Driver Fatigue Monitoring System

Model: DFMS Online  
Part No.: 543210

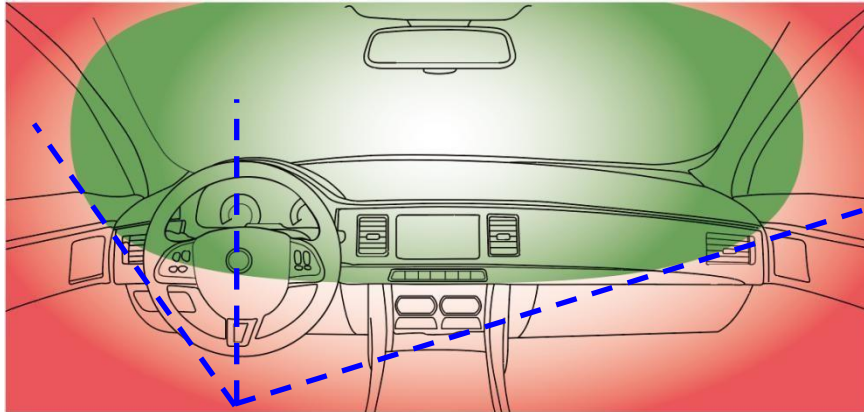
### Comp & Basics



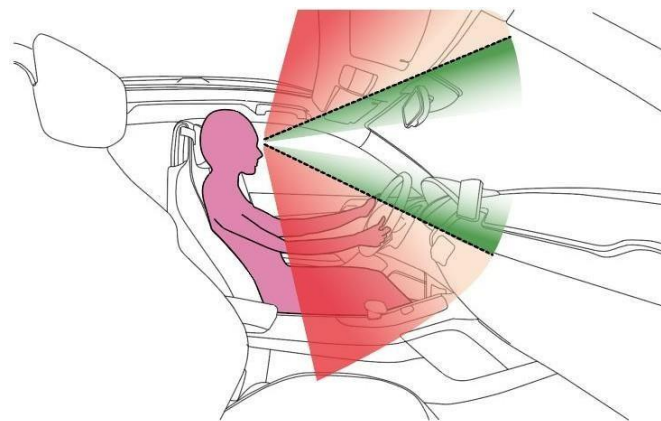
### Key Features

- 1. Fatigue, yawn, calling, smoking**  
The eyelid closure, the mouth opening, smart phone and LIGHTED CIGARETTE are detected during driving and the device will trigger.
- 2. Distraction (e.g.: turning head left/right or up/down off the road, texting, eating/drinking)**  
It will alarm when the gaze is beyond safe zone shown in the following figures.

## Monitor zone



Front View (gaze zone)

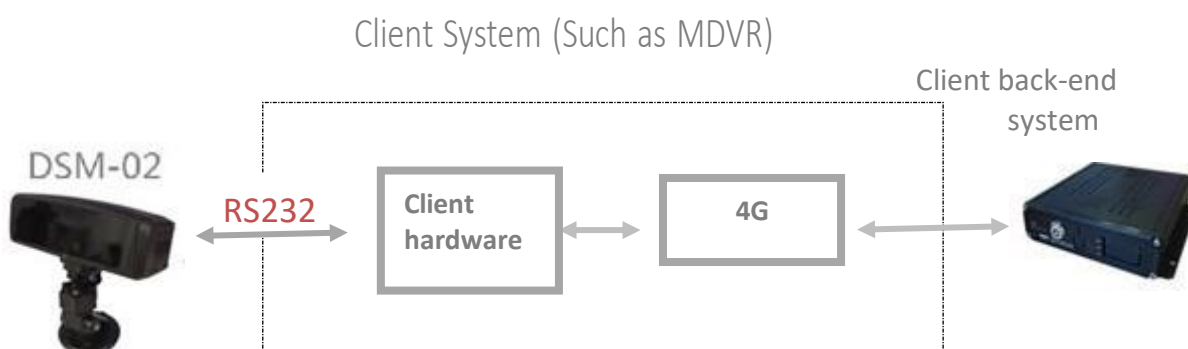


Side View (gaze zone)

1. Gaze zone: Green - Safe, Red - Unsafe.
2. If the gaze is at relatively stable off the green zone (e.g., reading smart phone when over 2s), the device will triggered.

## Work with MDVR system

It is simple for the connection, and the following diagram shows the generic flowchart of AC-22-DFMS.



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## Spec & Standards of DFMS

Model No.	<b>AC-22-DFMS</b>	
Face type	All, + Glasses	
Detection Scope	Face, Eye, Mouse, Phone, Cigarette & Head-pose	
Working Condition	Day and Night	
Working Distance	EFL 6mm lens: 50~85cm (20~33 inch)	
	EFL 8mm lens: 70~105cm (28~41 inch)	
Recognition rate	Fatigue	96.5% @naked eyes / 95.2% glasses
	Distraction	96.4% @ all
	Calling (*)	91.6% @ all
	Yawning(*)	92.3% @ all
	Smoking (*)	91.2% @ all
Alarm Type	Speak voice, Buzz	
Input Power	DC 8~24V, 1A	
Status Output Interface	UART (TTL& RS232), GPIO	
Working Temperature	- 20°C ~ +70 °C	
Dimension & Weight	93 x 50 x 37 mm & 623 g	

**Notes:-** (\*) This is the optional, based on customer requirements