

SAC3AV Lane Departure Warning System

New Thoughts For Safe Driving

SAC3AV is specially made for LDW, our lane departure warning system provides real time lane detection and warning by using the camera images. Simple & Easy installation.

LDW Lane Departure Warning

LDW application applies a thoughtful logic that supports early warning capability to predict the time to lane crossing and providing a warning signal before the vehicle drifts the lane. LDW application is working well even under partially visible lane markings and in difficult conditions such as strong shadows, glare and bad weather, including rain and wet roads. The vision based LDW sensor does not require any additional sensory inputs.



CPU	Cortex A5 Series
Audio	Buzzer 92 ± 3 dB
Power	DC 10V ~ 36V
Input	5 Pin Micro USB port
Video Output	Micro USB to RCA connector
Size	118 x 92 x 48 mm (without cables)
Operating Temperature	-20~70°C



SAC3LF Lane Departure & Front Collision Warning System

Safe Driving, Saves Lives

SAC system has been developed as Advanced Driver Assistance System (ADAS) based on a single camera to help motorists drive safely. SAC includes major functions such as Forward Collision Warning, Lane Departure Warning (LDW), Forward Proximity Warning (FPW), Forward Vehicle Start Alarm (FVSA) to assist drivers. Additionally Car Digital Video Recorder (Dash camera) and Tachograph (Driving logger) help drivers manage fuel consumption and improve driving behavior.



LDW Lane Departure Warning

Provides lane departure warning for safe driving. It alerts the driver of sound and visual warnings and helps to regain direction if the driver departs lanes unintentionally. (Active from 30mph, 45km/h)

FVSA Front Vehicle Start Alarm

Notifies the driver if the front vehicle starts to move forward from 0 speed (complete stopped status) and the drivers' car is not moving within 2 seconds.

FPW Forward Proximity Warning

Notifies the driver when there is a vehicle existing in the detection range and the driver's car moves forward.

FCW Forward Collision Warning

Assists the driver to keep the safe distance from the front vehicle and it warns the driver of an impending crash with audio and visual warnings. (Active from 18mph, 30km/h)

Dash Camera Digital Video Recorder

Records scenes before and after an accident along with imminent crash situations. Dash camera records data into micro SD card every minute in a loop. (Parking recording is not supported)

CPU	Cortex A7 Dual core	
Camera	720x480 (WDR)	
Power	DC 10V ~ 36V	
Format	Video: AVI(h.264 codec:VGA/30fps)	Audio: PCM
Storage	4~32GB Micro SD card support (Required minimum Class 10 speed)	
Input / Output	Micro SD card slot, USB 5PIN port, GPS port, Analog video out port	
Size	125 x 94 x 40 mm (without cables)	
Operating Temperature	-20~70°C (4°F ~ 158°F)	
OPTIONAL	Support external GPS mouse, accelerator sensor, mic, speaker, Wi-Fi	

