

# DMS Module



## 1. GENERAL DESCRIPTION

OTUS provides a ready-to-production, accurate and reliable DMS (Driver Monitoring System) module for driving safety system. When the driver is inattentive or doze off while driving, the behavior will be detected, and an alarm information will be provided for further utilization to coach drivers as well as reduce the occurrence of accidents.



Smoking



Phone use



Eye closing  
Yawning



Distraction

## 2. OVERVIEW

Characteristics	Specification
SoC Platform	OT8602 (NPU Embedded)
Memory	LPDDR2 2Gb (Embedded in OT8602)
Flash Memory	1Gb
DMS Functionality	Smoking, Phone use, Eye closing, Yawning, Distraction
Optical Lens	G24098M (optional)
Lens Size	1/2.8"
FOV	D74° H64° V36°
IR LED	8 * IR (945nm) LEDs , Max. 0.68 watts
Image Sensor	OS02H10
Resolution/Framerate	1920 * 1080 * 30 fps
Audio	Class D Audio Amplifier
Dimension	Main/Sensor Board: 32mmx32mm
Power Supply	5V/1A, Mini-USB
I/O	USB 2.0, SPK out, Reset key, UART (Debug port)

## 3. Outlook of module

