

Driver Monitoring System DMS 3.0









Camera with IR module



AI computing ECU

Function

- Driver detection
- Fatigue detection
 - eyes closed (feasible when wear mask)
 - yawning
- Distraction detection
 - glance at left or right
 - talking on phone
 - smoking
- FACE ID
 - identification

-  • The algorithm of this product is self-developed and unique. For functions such as detecting whether the eyes are in a closed eye state and the detection method of closed eyes, it has obtained a Taiwanese invention patent (NO.108105337).
-  • The high definition AHD video output presents more detailed and more advantageous to integrate with the surveillance & recording system.
-  • The identification of driver facial performance is more precise, and it can effectively output the functions of head rotation angle, eyes opening status, eye sight direction, using cell phone when driving, smoking, mouth shape opening and closing, etc.
-  • The special optics design with IR LED that specifications comply with IEC62471 eye protection requirements, also effectively solve the problem of ambient light reflection and special coated sunglasses which driver wears.
-  • Flexible installation position and distance, suitable for installation of various vehicle models, also various event protocol output for system integration for the fleet management tool to analyze and identify, completely protocol & face ID SDK is provided (OTA calibration supported).
-  • Comply with VSCC-56-3 electromagnetic compatibility test and vibration test for road transport vehicle regulations in Taiwan, other certification for customization design is available and experienced.