

DSM100

The Driver State Monitor uses image recognition technology and intelligent image processing algorithm. It can detect, alarm bad driving habits and unsafe driving, such as drowsy driving and distracted driving (calling, smoking, etc.), and capture images accordingly. The Driver State Monitor applies to a wide variety of vehicles including taxis, buses, trains and high-risk trucks. And it works perfectly with Queclink's tracking devices and can send data to telematics service providers' platforms.



Functions

Sound Alarm

- Drowsy driving alarm
- Smoking alarm
- Calling alarm
- Distracted driving alarm
- Block camera alarm
- Other unsafe driving alarm

Event Report

- Drowsy driving report
- Smoking report
- Calling repor
- Distraction report

Intelligent Calibration

- Face recognition
- Eye status based on eyelid detection
- Eye tracking

Features

- All-in-one design with easy installation
- Independent image processing core algorithm
- High quality image recognition algorithm tested across a wide variety of facial types
- Wide operating voltage (DC 9-36V)
- Work for 24h at any weather conditions
- High fidelity text-to-speech voice prompts

SPECIFICATIONS

General Specifications

Dimensions	85mm*61mm*34mm
Weight	246g
Material	Metal
Operating Voltage	9-36V
Operating Current	≤500mA@12V
Operating Temperature	-20℃ ~ +70℃
Storage Temperature	-40℃ ~ +85℃
IP Rating	IP54

Camera Specifications

Pixel	AHD720P
Angle	67°
Focal Length	3.49mm
Infrared Lamp	940nm
Working Distance	50-110cm
Working Conditions	Day and night
Detection Type	Glasses, Sunglasses

Interfaces

USB	USB 2.0
Serial Port	RS232 serial port