Jimi IoT

JC170
DMS AI Camera

The JC170 is a compact DMS camera that utilizes multiple visual AI algorithms. It can monitor driver attentiveness, warn the driver with audible alerts if signs of fatigue or distraction are detected, and output alert information. When connected to a management device, the data collected by the JC170 can be uploaded to the cloud-based platform for evidentiary purposes. The JC170 offers a variety of features to address different scenarios that require long hours behind the wheel, minimizing fatigue- and distraction-related accidents and lowering the risk of operating asset loss.

Driver Monitoring (DMS)
The DMS camera is able to detect fatigue and distracted driving, such as texting while driving, yawning, smoking, or fiddling with the stereo, as well as the exception of the driver not being in position.

Highly-Integrated Design
The camera has a small form factor with a built-in speaker for audible alerts and can be mounted to the windshield or on the dashboard with the supplied double-sided tape.

Infrared Night Vision
A pair of IR-940 LEDs ensures that the device can take clear images even at night without dazzling the driver.

Verified Compatibility
In addition to working in conjunction with Jimi IoT's dashcams and trackers to suit various application scenarios. The serial ports enable it to be used together with dashcams and trackers of other brands as well.

| Logistics Service | Hazmat Trucking | School Bus Service | Passenger Transport Service |

Specification

Camera

Front Camera (Main)	1280x720/15FPS/F2.4/Monochrome/56° (HFoV)
Video Format	.mp4

Configuration

Speaker	Support
Interface	Mirco USB*1, TTL*1
Memory Support	TF Card (Up to 128GB)
LED Indication	Red (Power), Green (Monitoring), Blue (Align)

Others

Power Supply	Power cable: B+/ACC/GND
Operating Voltage	DC 9–30V
Operating Temperature	–20°C to +70°C
Storage Temperature	–30°C to +85°C
Device Weight	216g
Device Dimension	68*55*33mm
Certifications	CE/FCC/RoHS

Topology

Detect   Teansmit over serial   Alert   Upload video   Upload