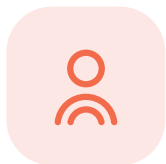


VISION DRIVE 170 DASH CAMERA

The Vision Drive 170 is a compact DMS camera designed for versatile use. It can function independently or integrate with other dashcams and trackers to adapt to your business needs. Utilizing up to eight algorithms, it keeps track of driver attentiveness and issues audio alerts if the driver is distracted by actions such as looking away from the road, smoking, using a phone, or yawning. If your current video device doesn't include a DMS feature, the Vision Drive 170 is an excellent choice for monitoring driver behavior and reminding them to stay alert. For vehicle tracking, you can connect the Vision Drive 170 to a Jimi dashcam or tracker, enhancing their capabilities. Additionally, the camera includes two infrared LEDs for clear night-time imaging and a video-out port for exporting video clips to external storage. This compact camera offers a range of features suitable for monitoring various scenarios, whether your vehicle is transporting hazardous materials, passengers, or packages.



DEVICE FEATURES:



Fatigue and Distracted Driving Detection

The DMS camera, equipped with up to 8 algorithms, can detect fatigue and distracted driving behaviors such as phone use, yawning, and smoking, as well as the exception of the driver not in position.



Assured Compatibility

In addition to being compatible with Dolphin Connect dashcams and trackers for various application scenarios, the serial ports also allow it to be used with dashcams and trackers from other brands.



Independent DMS Algorithm

When working with another device, the DMS camera will not affect the performance of the another device while running the DMS algorithm to align the driver face.



Alert in Multiple Languages

When the Vision Drive 170 detects any instances of driver inattentiveness, it alerts the driver with audible signals or customizable voice recordings in the selected language, tailored to your needs.



Flexible Installation

The camera offers two installation options: using double-sided tape or the cigarette lighter.



Superior Night Vision

A pair of IR-940 LEDs allows the Vision Drive 170 to capture clear images at night without dazzling the driver.

TECHNICAL SPECIFICATIONS

Physical

Dimensions	68x54x33 mm
Weight	200g
Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +85°C
Humidity	95% RH (operating and storage)

Camera

Front Camera (Main)	1280x720, 25FPS
Driver Behavior to Detect	- Fatigue (Eyes closed – Yawning) - Distraction (Head low, Looking away, Phone use, Smoking, Drinking) - Exception (Driver not in position)

Power

Input	DC 933-V (suitable for 12V and 24V vehicles)
ESD protection	Contact: ±7KV / Air: ±14KV
Undervoltage protection	8V (device will shut down if the voltage is lower than 8V)

Configuration

CPU	Dual – core (ARM) + AI core (NPU)
Memory	256MB + 16MB (RAM + ROM)
OS	RTOS
Working Modes	Power-on and-off
Language for Voice Prompt	English, Chinese, and other custom languages
Fil-in Light	2 * IR – 940 LEDs
Speaker	1.5W
Interface	RS232*1, Micro USB*1, RS485 (optional), TTL*1 (optional)

