

DHI-DAE-CDR8214-GFWI-04

Dual Lens Dash Cam



Overview

The Dual Lens Dash Cam features a lightweight design, integrating video recording, storage, intelligence, and platform connectivity. It comes equipped with 2-channel 1080P lenses and supports additional external inputs, including 2-channel 720P analog video inputs and 1-channel IPC input. Leveraging deep learning algorithms, it enables various intelligent functions such as ADAS (Advanced Driver Assistance Systems), DSM (Driver State Monitoring) and abandoned object detection. This product is specifically designed to address the driving safety concerns of various small vehicles.

Highlights

- Built-in 2-channel (ADAS/DSM) 1080P HD camera, supports for wide-angle.
- Built-in 4G Wireless Module, GPS+GLONASS, and Wi-Fi.
- Built-in infrared illumination, supports ICR automatic switching.
- Supports Wide Voltage Input: 9~36V.
- Supports 1-channel IPC Camera Connection (Optional).
- Supports lane departure warning, vehicle approach warning and forward vehicle start reminder.
- Supports fatigue driving detection, distracted-driving detection, phone-driving detection, the driver leave detection, wearing the infrared blocking sunglasses warning, smoking-driving warning, lens-obstruction warning and unfastened seat belt warning.
- Supports 1-channel alarm input and 2-channel alarm outputs (12V).
- Audio feature includes microphone collection, 2-channel voice intercom (with echo cancellation) and speaker output.
- Complies with CE (EMC & LVD), E-Mark (R10) and EN50155 certification.

Scene

Applicable to the scenario requirements in the rental, online booking, and freight industry solutions.

Technical Specification

Basic Specification

Sensor Type	1/2.8"CMOS
Effective Pixels	1920(H)×1080(V)
Electronic Shutter	PAL: 1/25s~1/10000s
Frame Rate	1920×1080@25fps
Lens Focal Length	Front view: 3mm [0.12 inch] Rear view: 1.75mm [0.07inch]
Image Processing	Supports automatic gain, automatic white balance, backlight compensation and strong light suppression.
Encoding	Encoding format: H.264/H.265 Image variable stream and fixed stream are optional.
Video Access	Front view: 1-channel 1080P Rear view: 1-channel 1080P Expansion: 2-channel 720P Optional: 1-channel IPC
Audio Input	Built-in 1-channel microphone collection, supports voice intercom.
Audio Output	Built-in 1-channel speaker output.
Alarm	Supports 1-channel alarm input and 2-channel alarm outputs.
Storage	1 TF card, single card maximum supports 512GB. Stores alarm videos, images, and 4G network disconnection temporary data.
Connector	RS232 (optional).Not supported by default, but can be supported after customizing the cable.
Indicator Light	REC,4G,GNSS
Vehicle Detection	Built-in gyroscope. Supports rapid acceleration, sudden braking, sharp turns, rollover, collision and other state monitoring.
Wireless Parameter	Built-in GPS + GLONASS, capable of displaying and encoding location information, and recording videos. Built-in Wi-Fi module,supports quick debugging of AP and DAE Yunweibao APP. Built-in 4G module (supports LTE-FDD, LTE-TDD).
Intelligent Alarm	Supports lane departure, vehicle approach warning and the forward vehicle start warning. The extended access camera supports fatigue driving detection, distracted-driving detection, phone-driving detection, the driver leave detection, wearing the infrared blocking sunglasses warning, smoking-driving warning, lens-obstruction warning and unfastened seat belt warning.

General

Power Supply	DC, 9~36V
Power Consumption	≤10W (External camera not included)

Operating Temperature	-30°C~70°C (-22°F~158°F)
Operating Humidity	90% (No condensation)
Protection Grade	IP43
Product Dimensions	121.8mmX99.9mmX66.4mm [4.8× 3.9 × 2.6 inch]
Product Weight	0.3 KG (0.66lb)

Dimensions (mm[inch])

