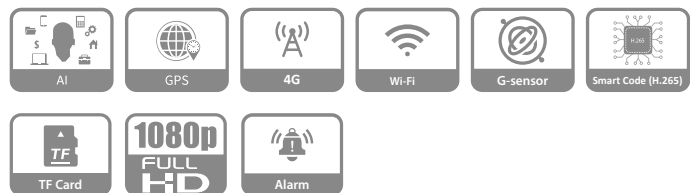# DHI-DAE-CDR8213-GFW

Dash Camera

- Max. 1080P resolution with 128.6° FOV
- Supports 3 external CVI/AHD cameras input
- Built-in MIC and speaker support two-way audio
- Built-in GPS, 3G/4G and Wi-Fi modules
- Supports dual-TF card storage and recording overwrite, up to 256 GB for each
- Supports 3 channels I/O alarm input and 1 key Bluetooth alarm
- Built-in G-sensor supports Rollover and Collision status detections
- Supports ADAS with built-in camera
- Supports DSM, face recognition and abandoned object detection (require external camera)

AI	GPS	4G	Wi-Fi	G-sensor	Smart Code (H.265)

TF Card	1080p FULL HD	Alarm

System Overview

The dash camera adopts a lightweight design, which integrates video, recording, storage, intelligence and platform linkage. It comes with a 1080P lens and supports external 3 channels of 720P analog video input at the same time. With deep learning algorithm, various intelligent functions such as ADAS, DSM, face recognition and abandoned object detection can be realized.

Functions

Voice Talk
The voice intercom can be realized by connecting the camera to the platform.

Bluetooth Alarm
Optional emergency alarm button for drivers supports one-press alarm and alarm event uploading to the platform.

Built-in GPS
Supports GPS information overlay on video.

Built-in Wi-Fi Module
The module supports two work modes of Wi-Fi connection and AP hotspot.

Built-in 3G/4G Module
The module supports FDD, TDD, WCDMA, GSM.

Technical Specification

Camera

Image Sensor	1/2.8" CMOS
Max. Resolution	1920 (H) × 1080 (V)
Electronic Shutter Speed	NTSC: 1/30 s–1/10,000 s PAL: 1/25 s–1/10,000 s

Lens

Focal Length	2.6 mm
Aperture	F1.7
Field of View	H: 128.6° V: 69.4° D: 153.4°
Iris Control	Fixed

Video

Main stream	CH1: 1080P/720P/960H/D1/CIF CH2–CH4: 720P/960H/D1/CIF
Sub-stream	CH1 – CH4: D1/CIF
Video Compression	H.264/H.265
Frame Rate	25/30 fps
WDR	Yes
BLC	Yes

HLC	Yes
Gain Control	Auto
Noise Reduction	2D/3D NR

Audio

Built-in Microphone	Yes
Built-in Speaker	1 channel speaker output

Alarm

Alarm Input	3 channels I/O alarm input
Bluetooth Alarm	1 channel Bluetooth alarm

Port

Storage	Dual-TF card, up to 256 GB for each
USB	1 micro USB 2.0
RS232	1

Indicator Light

Indicatior	REC, 4G, GPS and Wi-Fi

Vehicle Detection

G-sensor	Supports rollover and collision status detection.

Network

GPS	Built-in GPS module can realize the function of display and video recording of GPS information.
Wi-Fi	Built-in Wi-Fi module supports Wi-Fi and AP .
3G/4G	Supports EVDO, WCDMA, TD-LTE, FDD-LTE.

Intelligent Analysis

ADAS	Supports front car start reminder, forward collision, lane departure and vehicle distance too close warnings.
DSM	Supports driver behavior analysis such as fatigue, distraction, smoking, calling, unfasten seat belt and leaving the seat.
Face Recognition	Face capture, face comparison.
Abandoned Object Detection	Supports abandoned object detection to prevent passengers from losing their belongings.

General

Power Supply	9 V–16 V DC
Power Consumption	≤ 12 W

Environment

Operating Conditions	−30°C to +60°C (−22°F to +140°F)
Operating Humidity	< 90% (RH, non-condensing)
Ingress Protection	IP52

Construction

Package Dimensions	200.0 mm × 150.0 mm × 90.0 mm (7.9" × 5.9" × 3.5")
Product Dimensions	125.4 mm × 84.6 mm × 34.2 mm (4.9" × 3.3" × 1.3")
Net Weight	317.7 g (0.7 lb)
Gross Weight	430.0 g (0.9 lb)
Casing	Plastic

Certifications

CE, FCC	

Dimensions (mm [inch])