



ASKEY – CDR6012

## Connected Car Cam

The Askey Advanced Driver Assistance & Communication System – or ADACS – is a device that can be mounted on any dashboard to provide vehicles with enhanced security, prevention and diagnostics. It allows real-time recording and streaming allowing to see the driver. In case of an accident, it provides a record and can help identify the causes and the effects. With its F/1.8 aperture and 120 degree wide-angle lens, it allows high quality, full HD 1080p video recording.

Equipped with LTE to provide in-car connectivity, it allows calling services as well as Internet Access to all passengers. This will also enable automatic Firmware updates over the air, to always have the latest version.

Thanks to ADAS including Lane Detection and Warning System, its Forward Collision Warning and its Pedestrian Detection, it alerts the driver and prevents them from being at accident risk. In the event of a collision, the built in gyro-sensors trigger the emergency recording function, saving a minute-long video and uploading it to the cloud.

This is the device for a new generation of in-car accessories that make driving safer, smarter and always connected.

In-Car DVR | ADAS | LTE | e-Call | Sensors | Remote Surveillance

## Camera

- FHD (1980x1080), CMOS sensor
- Frame Rate:27.5~ 30fps
- Horizon FOV 120°
- Aperture F1.8
- Lens Construction 5G+IR(6E)

## Display

- 2" WQVGA

## Sensors

- 3 axis, Gyro (G-sensor), Accelerometer
- GPS, GNSS, A-GPS
- Gyroscope, G-sensor

## Computing

- OS – Android 6 Marshmallow
- Application Processor – Qualcomm MSM8956
- CPU – Dual A72 1.8GHz, Quad A53 1.4GHz
- GPU – Adreno 510, 550Mhz

## Memory

- 2GB LPDDR3, 8GB eMMC

## Connectivity

- WAN / WiFi / Bluetooth
- WAN –Supports LTE Cat4 & WCDMA dual-mode
- LTE- DL150Mbps/ UL 50Mbps
- HSPA+ – DL 42Mbps/UL 11Mbps
- WLAN:802.11 b/g/n (2.4G)
- PAN – BT 4.1 HFP, SPP, PAN, HID, DUN

## Battery

- 750 mAh

## Interfaces

- Speaker 1W x 1
- Microphone x 2
- Micro SIM
- Mini-B USB ( USB + Power )

## Accessories

- Micro-SD Card (Up to 32GB)
- Mounting system

## Design

- User-centered
- Customizable to fit your brand

## Advanced Driver

### Assistance System

- IntelliVision Solution
- Lane Detection Warning System
- Forward Collision Warning System
- Auto Calibration
- Pedestrian Detection
- Sign Detection (optional)

### Operation Temperature

- -10°C – 60°C



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