

# **New Era of Effective** Fleet Management

- HD AI Dashcam
- IoT Gateway
- Telematics
- Bi-directional audio
- Up to 4 Cameras

EYERIDE Dashcam Al is an advanced dash camera with a built-in AI processor to detect driving events such as lane departure, forward collision, and driver behavior such as fatigue, distraction, smoking, and phone call usage.





**Forward Collision** 



**Pedestrian Collision** 



**Driver Distraction** 



Camera Tampering



**Headway Monitoring** 



ADAS on the Edge



Facial Recognition



Lane Departure



Phone Usage



**Driver Fatigue** 



Seat Belt Usage



**Blind Spot** 



Smoking

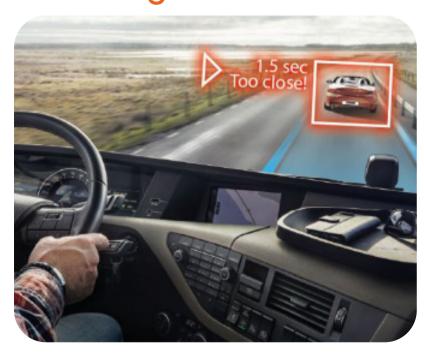


Eating



Reading

#### **Scanning Road Situation**



#### Any Device you Want



### **Analyse Driver Behavior**



### **EYEDASH AI**



## **Product Features**

- · H.265 & H.264 encoding and decoding, save storage space and transmission flow.
- · Support 4-channel 1080p \* 15fps / 2-channel 1080p \* 30fps, 4-channel 720p, D1 and other codecs.
- · Built-in one 1080p camera and external three HD cameras for easy installation.
- · Built-in 2CH AI intelligent algorithm, which can support ADAS, DMS and BSD functions.
- · Support 1 TF card, super capacitor double guarantees the integrity of video files.
- Support 1 SIM card, 4G module can support global frequency band.
- Support WiFi hotspot.
- · Support mobile app, client, platform software preview video and parameter configuration.
- Support 4CH IO alarm input and 2CH of RS232.
- Built-in speaker and microphone, Support voice intercom between dash camera and platform. TTS voice broadcast.
- One key SOS emergency alarm.
- · Support low-power sleep.
- · Special file system to improve disk reading and writing efficiency, more stable video recording.
- · Ram mount attachment.









# Specification

Series	EYEDASH AI	
Technical parameters		
CPU	ARM Cortex CA9 Binuclear @1.4GHz, Total coding resources 1080p*60fps	
Memory	512MB DDR3	
Video Input	<ul> <li>Active Pixels: 1920×1080,1080×720, D1, HD1, CIF; H.264 &amp; H.265 format</li> <li>1-ch Built-in CMOS AHD camera, Low illumination 0.01LUX, Angle of view 82°</li> <li>3-ch External camera</li> </ul>	
Video Output	1-ch CVBS, 1.0Vp-p, 75 $\Omega$ , Support full screen and 4-ch segmentation	
Audio input / output	Built-in 1-ch MIC input, Built-in 1-ch speaker output; G.711a format	
Video recording resolution	4-ch 1080p*15fps, 720p/D1*30fps, Simultaneous recording of audio and video	
G-Sensor	Built-in 3-axis acceleration sensor	
IO	2-ch RS232, reserved for communication with peripherals	
Alarm Input	4-ch Switching value input	
Positioning module	Built-in GPS Positioning Module	
4G	1 SIM card interface	
WiFi	802.11b/g/n, built-in 4G module, TDD-LTE, FDD-LTE	
TF Card	Support 1 TF card, Support 16/32/64/128/256GB	
Upgrade mode	TF card upgrade, FTP remote upgrade	
AI - ADAS	Lane departure, Collision alarm, Distance detection, etc.	
AI - DSM	Fatigue driving detection, Smoking, Mobile phone usage, Occlusion, Unsafe driving behavior detection	
Input voltage	DC:+10V ~ +36V	



# **EYEDASH AI**



Power waste	Normal working state < 7.5W (without external equipment)
Power off protection	Super capacitor design, support abnormal power failure, ensure the integrity of video files
Working Temperature	-10°C~+70°C
Working relative temperature	20% to 80%
Equipment size	95mm*130mm*45mm
Net weight	0.3kg
LTE modem	Quectel EG25G modem (PTCRB Certified)
Bluetooth	Supported







