

# New Era of Effective Fleet Management

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

EYERIDE Dashcam AI 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



Camera Tampering



Facial Recognition



Driver Fatigue



Driver Distraction



Pedestrian Collision



Phone Usage



Headway Monitoring



Lane Departure



Blind Spot



Seat Belt Usage



Smoking



Eating



Reading



ADAS on the Edge



## 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
- Built-in GPS + Beidou dual-mode precise positioning
- 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 style="list-style-type: none"> <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, 75Ω, 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
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)

