

AI-Powered Dash Camera for Driver Safety & Behavior Monitoring

eEye is a smart **dual-channel dash camera** with **integrated AI** for real-time driver behavior analysis (**DMS**), advanced driving assistance (**ADAS**), and event-based video recording. Designed for fleet safety, it installs easily, requires no drilling or wiring, and connects wirelessly via 4G/Wi-Fi/GPS/Bluetooth.



Driver Behavior System (DMS)

- Fatigue detection – blinking/yawning/head drop
- Distraction detection – off-road gaze, head turn, distract
- Phone/smoking/belt wearing detection – gesture-based
- Facial recognition – driver identification & access control
- Emotion analysis – detects stress or anger for risk alerting



Advanced Driver Assistance System (ADAS)

- Forward collision warning
- Lane departure warning
- Pedestrian & cyclist detection
- Blind spot monitoring & rear collision alerts
- Optional AEB support (via vehicle integration)
- Cross Walk
- Fast turn
- Panic button



Fleet Management Features

- Event recording – triggered by risky behaviors or accidents
- Real-time alerts & cloud reporting
- Driver scoring – based on braking, distraction, etc.
- Geo-fencing & trip analytics
- Remote rule configuration & OTA updates



Installation & Operation

- Compact design with 3M adhesive mount
- Frontal (ADAS) and in-cabin (DMS) lens adjustment via eView mobile app
- SIM and TF card access for quick setup
- Calibration via app, including demo mode for indoor setup
- Camera cover

Applications

- Commercial Fleets & Logistics
- Taxi, Car Rent, and Delivery
- Public Transport
- School Bus Safety Monitoring



eEye

*Additional external wired camera is **optional**



Technical Specifications:

System	Linux-based, remote or TF upgrade
Processor	Dual-core ARM @1.5GHz, 2GB RAM
Video Inputs	2 x AHD 1080P
Compression	H.264 / H.265
Audio	Built-in MIC and speaker (G.711A)
Storage	TF card up to 512GB *
Power Supply	9V–36V DC input, 5V 1A output
Power Backup	Shutdown Protection
Operating Temp	-20°C to +70°C
Size & Weight	120×77×55 mm / 240g

*** eEye is supplied without a SIM card and memory card. These must be purchased separately.**

Connectivity

- **4G LTE** module (CAT4)
- Built-in **Wi-Fi** (802.11 b/g/n)
- **GPS/BD** with external G-Mouse antenna
- **Bluetooth** connectivity to ERM ecosystem
- Remote access via **eView mobile app**