

Tracking: Tracking  
Glasses: No glasses  
Face mask: No face mask  
Speech: Not Speaking  
Driver: Guest

Face descriptor set quality  
Enroll Reset

Visualization

Infrared Image type

Visualize reflection reduction Force RR on/off

Performance graphs

Attention

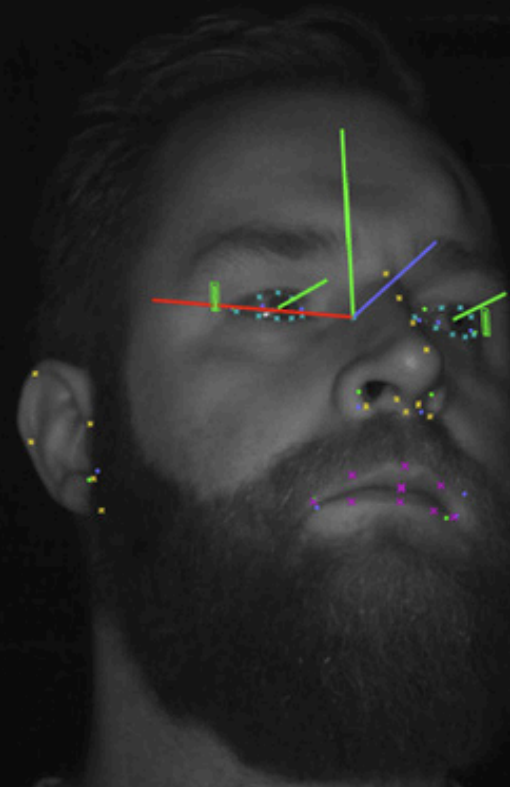
Head pose

Gaze rays  Consensus

Eyelid opening

Feature points  Alignment points

Bounding boxes



Tracking Data

Search status: Face found  
Driver present: Driver present  
Tracking status: Tracking  
Face mask status: No face mask

- ▶ Head tracking
- ▶ Eye tracking
- ▶ Viewing targets
- ▶ Eyes on road
- ▶ Distraction
- ▶ Activity

Emotion

Emotion	Value	Score
Neutral	True	95%
Anger	False	0%
Disgust	False	0%
Joy	False	0%
Sadness	False	4%
Surprise	False	0%
Valence	0.00000	0%

Mood: Neutral

Dominant Emotion: Neutral

- ▶ Drowsiness
- ▶ Glasses
- ▶ Speech detection
- ▶ Driver identification

# Concept Development Kits (CDKs)

## Explore Flexible Integration Options for Driver and Cabin Monitoring

Smart Eye's Concept Development Kits (CDKs) are designed to help Tier 1 suppliers and OEMs evaluate and integrate advanced Driver and Cabin Monitoring Systems (DMS and CMS) within their own vehicles and configurations.

Each CDK provides the essential tools to test and refine Smart Eye's market-leading technology in real-world applications. From basic, single-camera DMS setups to more advanced, multi-camera combinations of DMS and CMS, the CDKs enable customers to select the ideal setup to meet their unique safety, compliance, and user experience goals.



### Smart Eye's CES 2025 Demo

At CES 2025, Smart Eye's CDK demo station offers visitors an interactive opportunity to explore these kits firsthand.

Featuring five different configuration examples, the demo illustrates the adaptability of Smart Eye's software. Each CDK option showcases how variations in camera placements and system complexity support specific product goals – whether prioritizing cost-efficiency, advanced feature sets, or enhanced compliance under Euro NCAP and GSR standards.



## Pick Your Tailored DMS and CMS Solution

With Smart Eye's CDKs, customers can assess varying levels of system complexity and functionality.

The demo highlights how configurations with additional cameras and capabilities can contribute to higher Euro NCAP star ratings.

Real-time displays showcase key safety metrics like driver attention and focus tracking, giving attendees clear insights into how each CDK setup performs.

