Press Release
05 January 2026 13:00:00 CET

Smart Eye and Alps Alpine Bring Invisible Driver Monitoring Behind the Display to CES 2026

Breakthrough under-display camera technology enables optimal DMS performance with no visible hardware — powered by AUO Mobility Solutions.

GOTHENBURG, Sweden & TOKYO, Japan — January 5 , 2026 — Smart Eye, the global leader in Driver Monitoring Systems (DMS), and Alps Alpine, a leading manufacturer of integrated automotive electronics, today announced a new technology demonstration for CES 2026 showcasing a driver monitoring camera embedded directly behind the instrument cluster display and powered by AUO Mobility Solutions. The solution delivers the optimal camera position for DMS while keeping all hardware completely hidden from the driver.

For many OEMs, finding a viable location for the DMS camera has been a persistent challenge. The optimal field-of-view is directly in front of the driver, aligned with the cluster, but placing a camera inside the display has historically resulted in visible openings, distortion, or insufficient near-infrared performance.

The new under-display solution demonstrated by Smart Eye and Alps Alpine leverages AUO Mobility Solutions' advanced Under Display Camera (UDC) display technology — a breakthrough made possible by its parent company, AUO, the global leader in display innovation. This solution overcomes previous limitations with a camera positioned in the center of the cluster, fully hidden behind the LCD panel. It preserves full display uniformity while delivering the imaging quality required for robust distraction and drowsiness detection, giving OEMs the ideal camera geometry without altering cockpit design or distracting the driver.

The breakthrough is made possible by combining Smart Eye's production-proven driver monitoring software and Alps Alpine's display-integration expertise with next-generation LCD technology from AUO Mobility Solutions. Together, the three companies have developed an optical stack and system design that delivers high NIR

transmittance while keeping the camera hole invisible to the human eye. For OEMs, the result is a scalable, cockpit-friendly solution that reduces assembly complexity, removes the need for extra sensors in the A-pillar or steering wheel, and supports emerging global safety requirements for driver attention monitoring.

“Achieving the ideal camera position without visible hardware has been a long-standing goal in the industry, and our collaboration with Alps Alpine and AUO makes it possible,” said Detlef Wilke, Vice President Innovation & Strategic Partnerships at Smart Eye. “By placing driver monitoring behind the display, OEMs can combine high-performance safety features with a clean, uninterrupted cockpit design.”

Smart Eye and Alps Alpine will demonstrate the under-display driver monitoring solution at **CES 2026,** January 6–9, in the West Hall of the Las Vegas Convention Center, showcased in both the Smart Eye booth #3327 and the Alps Alpine booth #3826.

OEMs and partners interested in a meeting can book a time in Smart Eye’s booth at: https://www.smarteye.se/ces-2026/#book-an-appointment

About Alps Alpine Co., Ltd.

Established in 1948, Alps Alpine Co., Ltd. has consistently pursued innovation and technological advancement, introducing numerous “First 1” and “Number 1” products in the fields of electronic components and automotive information systems. With more than 180 locations across 23 countries and regions, we provide over 15,000 products and solutions through its components, sensor and communication, and mobility businesses.

In 2025, we launched a new vision: “Shaping a future where technology extends your senses” Alps Alpine aims to build a world where human emotions and technology are seamlessly connected. By delivering value through excitement, safety, and environmental responsibility, the company continues to drive transformation and contribute to a sustainable society.
For more information, please visit: www.alpsalpine.com

About AUO Mobility Solutions

AUO Mobility Solutions Corporation was established through the integration of AUO’s Mobility Solutions Business Group and BHTC GmbH, bringing together over 20 years of expertise in in-vehicle display and human-machine interface technologies. The company

is dedicated to delivering innovative smart cockpit solutions through advanced display technologies, computing platforms, and connected vehicle applications, aimed at creating immersive, intelligent, and sustainable in-cabin experiences while extending smart mobility services. Building on these capabilities, AUO Mobility Solutions collaborates closely with customers in the era of software-defined vehicles to co-create value and shape the future of smart mobility.
http://www.auomsc.com/

About Smart Eye

Smart Eye is the leading provider of Human Insight AI, technology that understands, supports and predicts human behavior in complex environments. The company is on a mission to bridge the gap between humans and machines for a safe and sustainable future. Supported by Affectiva and iMotions – companies it acquired in 2021 – Smart Eye's multimodal software and hardware solutions provide unparalleled insight into human behavior.

In automotive, Smart Eye's driver monitoring systems and interior sensing solutions improve road safety and the mobility experience. The company's eye tracking technology and iMotions biosensor software platform are also used in behavioral research to enable advanced research in academic and commercial sectors. In media analytics, Affectiva's Emotion AI provides the world's largest brands and market researchers with a deeper understanding of how consumers engage with content, products, and services.

Founded in 1999, Smart Eye is a global company headquartered in Sweden, with customers including NASA, Nissan, Boeing, Honeywell, Volvo, GM, BMW, Polestar, Geely, Harvard University, 28 percent of the Fortune Global 500 companies, and over 1,300 research organizations around the world.

Visit www.smarteye.ai for more information.

Visit our investor web for more financial information: https://smarteye.se/investors/

Smart Eye is listed on the Nasdaq First North Growth Market. The Company's Certified Adviser is Bergs Securities AB.

Press Release
05 January 2026 13:00:00 CET

For more information:

Martin Krantz, CEO Smart Eye AB
Phone: +46 70-329 26 98
Email: martin.krantz@smarteye.se

Attachments

Smart Eye and Alps Alpine Bring Invisible Driver Monitoring Behind the Display to CES 2026