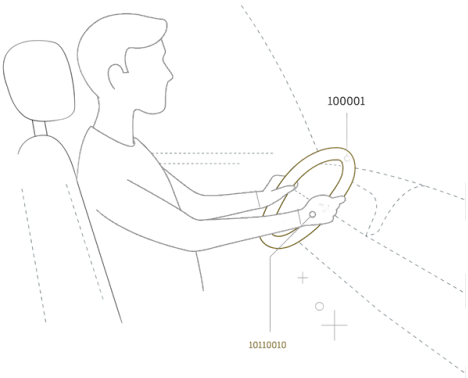
Digital Mirrors

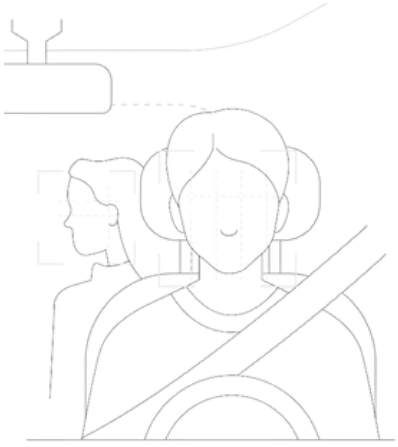
Bring blind spots into view, no matter where you move

Smart Eye's Digital Mirror is an innovative solution designed to enhance blind-spot visibility for drivers. Using advanced in-cabin sensing technology, the Digital Mirror adapts to the driver's movements, providing an intuitive, real-time view of typically hidden areas. This adaptive display not only boosts situational awareness but offers a seamless, mirror-like experience that is simple and natural to use.



Blind-Spot Monitoring That Adapts to the Driver's Movements

Drivers often struggle to maintain clear visibility all around their vehicles. For truck drivers, these blind spots are even more challenging due to the vehicle's size and shape, and can pose serious safety risks.



Traditional mirrors offer limited coverage and require precise adjustments, which can be difficult to manage on the road. High-tech trucks are already equipped with digital mirrors that stream real-time video of blind spots, giving drivers a clearer view of areas that conventional mirrors miss.

Smart Eye's in-cabin sensing technology takes this a step further, enabling the mirror to adapt dynamically to the driver's movements. As the driver shifts position, the view in the digital mirror adjusts – zooming in when they lean closer and changing angles as they move side to side – mimicking the experience of using a conventional mirror.

This means drivers can monitor their surroundings with greater accuracy and ease, improving both lane-change safety and overall driving awareness.

Experience Smart Eye's Digital Mirrors at CES 2025

In Smart Eye's immersive CES 2025 demo, a truck driving simulation is paired with two digital mirror screens positioned to the driver's side. The digital mirrors respond to the driver's head and body movements, adjusting the displayed view to provide optimal blind-spot visibility. This setup allows visitors to experience firsthand how the technology improves blind-spot visibility and helps drivers stay more aware of their surroundings.