

 Stoneridge **MirrorEye**<sup>®</sup>



**Better Safety Through Better Vision**<sup>™</sup>

# SAFETY & EFFICIENCY

## A Fleet With MirrorEye® is a Safer, More Efficient Fleet

MirrorEye® Camera Monitor System (CMS) replaces traditional rear and side-view mirrors with five digital cameras, making the roads safer through driver vision enhancement. The system significantly improves safety by removing blind spots, making your drivers more aware of dangers around the vehicle, and provides enhanced vision in operating environments where it is difficult to see with traditional mirrors.

While the safety benefit of the MirrorEye system is compelling on its own, the system's aerodynamic design also offers your fleet a 2-3% improvement in fuel economy.

Driving with MirrorEye provides you with a greater field of view and improves safety for everyone on the road – day and night.

The Award-Winning Stoneridge MirrorEye® Outperforms Traditional Mirrors in Every Driving Scenario



1 Improved visibility



2 Color night vision



3 Inclement weather vision



4 Blind spot elimination



2020 Jim Winsor Memorial Technical Achievement Award



**INTELLIGENT  
VEHICLES.  
PROFITABLE  
FLEETS.**

# Advanced Vision Technology Ensures Optimal, Reliable Performance

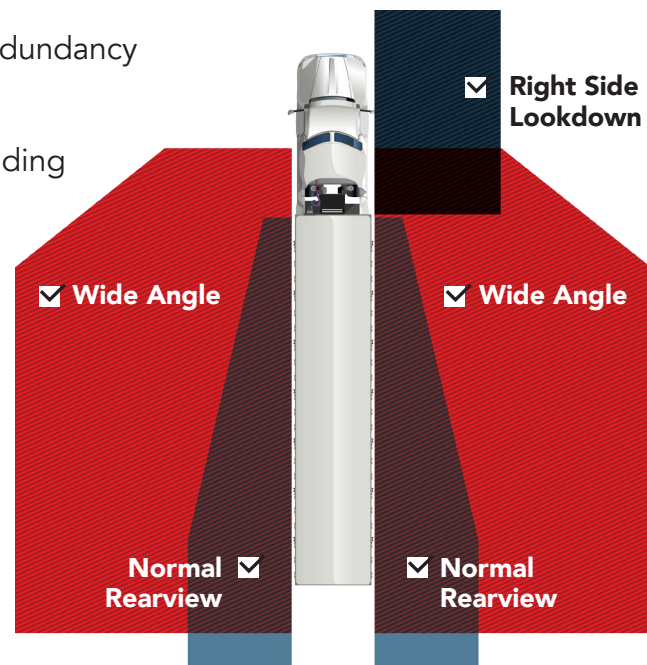
MirrorEye® is the first CMS to receive exemption from the FMCSA, allowing MirrorEye-equipped trucks to operate on the road with an integrated system of cameras and digital displays as an alternative to conventional mirrors.

## MirrorEye Components:

- Aerodynamic side-view arms on either side of the vehicle replace elephant ear mirrors that obstruct forward-facing views and increase vehicle drag
- High-definition, real-time monitors mounted on both interior A-pillars
- Dash-mounted, look-down HD camera with display resolution of 1280 x 760 pixels
- Independent video processing and built-in redundancy

## Key Vision and Safety Features:

- Greater field of view around the vehicle, including common blind spots
- Reduces drag and fuel consumption by 2-3%
- Superior views in inclement weather
- Trailer panning tracks the end of the trailer around turns
- Distance markers for safer lane changes
- High-definition, real-time images
- Color night vision with low-light sensitivity
- Glare reduction



## MirrorEye® Technical Specifications:

- High resolution 12.3" driver display and 15" passenger display at 1920 x 720 pixels
- CAN interface (vehicle data interface) level capacity
- Operating temperature: -40 to 85 degrees Celsius
- Handles 12V and 24V OEM voltage levels and requirements
- Fully automotive-qualified parts: OEM-quality
- Views can be cropped and sized
- Configurable display layout
- Ethernet interface
- Recording capabilities





### **Equip Your Fleet Today**

Take your fleet to the next level and schedule your MirrorEye® installation today. Whether it's an aftermarket retrofit program or an OEM pre-wired solution, we offer custom solutions to fit your fleet's needs.

## **POWERED BY STONERIDGE**

Since 1965, Stoneridge has designed and manufactured advanced, award-winning technologies for vehicle OEMs, including vision systems, emissions control systems, safety systems, security and monitoring systems and much more.

OEM-Grade – Stoneridge's OEM experience allows it to identify solutions to the most challenging problems with cost-effective, high-quality and highly reliable technologies.

Systems and Solutions – Stoneridge's expert engineering teams have mastered packaging and vehicle systems integration, allowing for the delivery of comprehensive technologies that improve vehicle safety, fuel efficiency and intelligence.

**Contact Stoneridge at [FleetSupportNA@stoneridge.com](mailto:FleetSupportNA@stoneridge.com) or +1 (248) 829-2157.**