



MirrorEye[®]

Better Safety Through Better Vision[™]



PROACTIVE SAFETY. PROFITABLE FLEETS.

Providing drivers with enhanced real-time visibility from every angle, MirrorEye® proactively enables reduced accident-incurred costs on Class 8 vehicles. The system also enables reduced fuel consumption and related GHG emissions*.

* Per transporter/fleet in highway applications with traditional mirrors removed

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 eliminating 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.

AWARD-WINNING



2020 Jim Winsor
Memorial Technical
Achievement Award



**DRIVING WITH
MIRROREYE®
PROVIDES YOU
WITH A GREATER
FIELD OF VIEW AND
IMPROVES SAFETY
FOR EVERYONE
ON THE ROAD –
DAY AND NIGHT.**

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
- Superior views in inclement weather / hydrophobic-coated camera lenses
- 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 Controller

Look Down Display
(1280 x 760 pixels)



12.3" Driver Display
(1920 x 720 pixels)



15" Passenger Display
(1920 x 720 pixels)



ENHANCED DRIVER VISIBILITY, BLIND SPOT ELIMINATION & REDUCED CLAIMS COSTS

MirrorEye® proactively reduces the frequency and severity of incidents in turning events, lane changes and close corner/backing maneuvers.

VIDEO RECORDING FOR EXONERATION & LITIGATION PROTECTION

High-resolution video recording of exterior events accessible via DVR, Cloud or API access.



ENHANCED EFFICIENCY

During Class 8 fleet trials, the removal of conventional mirrors in MirrorEye® applications resulted in fuel cost savings and reduced GHG emissions.

DEPENDABILITY

Independent video processing of multiple camera images ensures that in the unlikely event of an individual camera failure, the other camera images continue to be displayed.

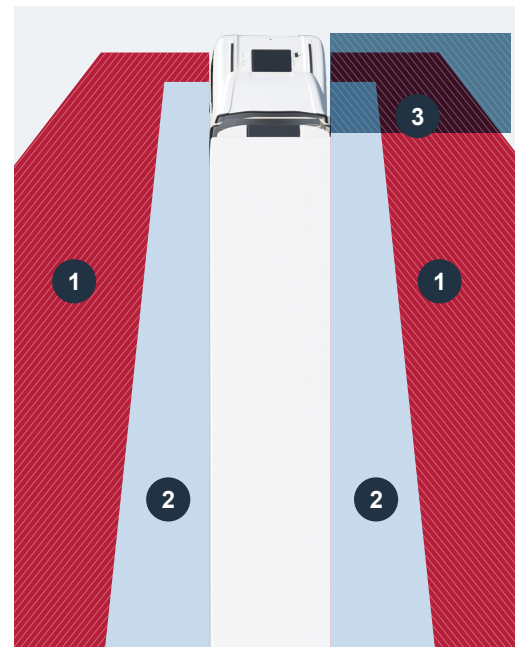
1. MirrorEye View (2x Field of view)
2. Traditional Mirror View
3. Right Side Look Down

“The feedback that we’ve gotten from the drivers is absolutely phenomenal.”

Dean Newell, Vice-president of safety and driver training at Maverick Transportation

“My four-month review of the MirrorEye system in a single word: **Awesome!**”

Clark Reed, OTR Commercial Vehicle Operator at Nussbaum Transportation/Freightliner Team Run Smart Pro



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
- Infrared (IR) Exterior Flood/Spotlights for visibility in extreme darkness
- Fully automotive-qualified parts: OEM-quality
- Automatic and manual panning
- Integrated telematics
- Cloud capable
- Recording capabilities



MirrorEye®
Better Safety Through Better Vision™

REAL-TIME VISIBILITY, ENHANCED EFFICIENCY

Safety-first, cost-conscious, and forward-thinking fleet operators are adopting the MirrorEye® system.

Whether it's an aftermarket retrofit program — or an OEM pre-wired system — we offer customer solutions to fit your fleet's needs.

**TAKE YOUR FLEET TO THE NEXT LEVEL AND
SCHEDULE YOUR MIRROREYE® INSTALLATION TODAY!**



**SIGN UP FOR A MIRROREYE®
DEMO DRIVE TODAY!**

“ MirrorEye is one of the most impactful pieces of equipment I've ever used in my trucking career. The system allows me to see objects around my truck that were previously impossible to see from the driver's seat of my cab. ”

Rosko Craig,
2018 Montgomery Transport Driver of the Year and
Alabama Trucking Association's 2019 Driver of the Year

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