



MiX Vision (In-vehicle Camera Solution)

Driving related incidents are costing fleet operators millions each year - in fuel, maintenance costs, damages and insurance claims. Seeing these incidents for themselves is ultimately what puts fleet managers at the scene and in control.

MiX Vision Benefits:

- **Improve Driver Safety**
MiX Vision helps drivers learn from visuals of previous incidents enabling them to be better drivers, protecting them from serious accidents.
- **Increase Profitability**
MiX Vision will reduce liability and traffic violations, defend false accident claims and ensure responsible and effective use of vehicles.
- **Gain control over your fleet**
Not only will MiX Vision improve driver skills and efficiency, but it will also give operators a better understanding of vehicle utilization and help manage violations by exception.

Introducing MiX Vision from MiX Telematics. Using video footage captured with in-vehicle cameras, fleet managers obtain an accurate inside view of their fleet operations.

How MiX Vision Works?

MiX Vision integrates a video recording device and FM communicator. When an event occurs, the system triggers the automatic upload of two videos. One showing the driver and one showing the road. Extended high-resolution videos are available on demand.



MiX Vision Features:

- In-vehicle camera**
 The in-vehicle camera houses a road-facing camera and an infrared driver-facing camera. This allows for simultaneous capturing of road-view video footage linked to an event, without the risk of tampering.
- Event-triggered video events**
 Customers can choose from dozens of events to trigger recordings. When these events occur, a low-resolution video will be uploaded with footage 8 seconds before and 7 seconds after the event occurred.
- High quality videos on demand**
 To save on download times and operating costs, only low-resolution videos are uploaded initially. But high-resolution videos are stored and can be downloaded if required.
- 72 hours of video playback**
 When supporting footage is needed, customers can request high resolution video clips from the previous 72-hour period of a vehicle being in-trip. These clips are 2 1/2 minutes in length.
- Audio and text overlay on videos**
 The unit comes with an accompanying microphone, enabling sound on all captures. Furthermore, videos display the date, time, speed and RPM
- Full integration into MiX Fleet Manager**
 MiX Vision greatly enhances the existing benefits of MiX Dynamix by allowing for videos and sound to accompany existing fleet information.

Why MiX Vision?

MiX Vision protects drivers and organisations. By being able to watch replays of incidents through video footage investigators and fleet managers can ensure that false accident claims are defended. Improved driver safety is achieved through driver training using MiX Vision videos and drivers can hear audible warnings for critical events.

MiX Vision enhances the functionality already offered by MiX Dynamix. Customers will be able to play videos alongside viewing vital vehicle, trip and event data all in one platform.

The MiX Vision unit boasts an infrared driver-facing camera, microphone and a 3G modem. This means that low-light recording and accompanying sound is possible. During playback, videos also display the date, time, vehicle speed and RPM.




TELEMATICS
MOBILE INFORMATION EXCHANGE

Technical specifications

Unit dimensions: 145mm x 107mm x 28mm | Operating Voltage: 11-32 VDC | Power Consumption: <60mW (ignition off) - 3W (idle) | Operating temperature: -20°C to 60°C | Mounting: adhesive mounting bracket on camera, screws and tie wrap on main unit | Camera: 1/3" Sony Colour CCD | Minimum illumination: 0.5 (day)/0.01 (night) Lux | Audio: external omnidirectional microphone | video compression: H.264 | Resolution: Up to 704 x 576 | Frame rate: 4 fps standard (hardware support up to 10 fps per channel*) | Power back up through supercap

* Please note that increasing the frame rate may have an impact on other features