

Make your buses safer and more secure. See everything with network video.



Transportation authorities are experiencing great pressure to provide a safer and more secure environment for passengers and personnel. As a result, there is an increasing demand for effective video surveillance on buses used for public transportation and school districts. When choosing a network video solution from Axis, you benefit from the very latest in video surveillance technology, including cameras and recorders developed specially for onboard surveillance.

High-quality images of all incidents

Access to high-quality video is key to finding out what actually happened inside or outside a bus. With an Axis IP-Surveillance solution based on network cameras and network video recorders (NVRs), you benefit from high image quality in both live and recorded video. In addition, the images can be easily shared and accessed numerous times without losing any quality.

The secret lies within the high resolution capability and progressive scan technology of network cameras. All recorded video has a resolution of at least 800x600 pixels, which is more than the 2CIF typically offered by analog systems. Network cameras with HDTV and megapixel resolution offer even more detail and information. Progressive scan technology provides sharper images of moving persons and objects, making it easier to identify individuals and, in turn, shortening investigation times. The stored video also provides a clear view of what happened before, during and after an incident.

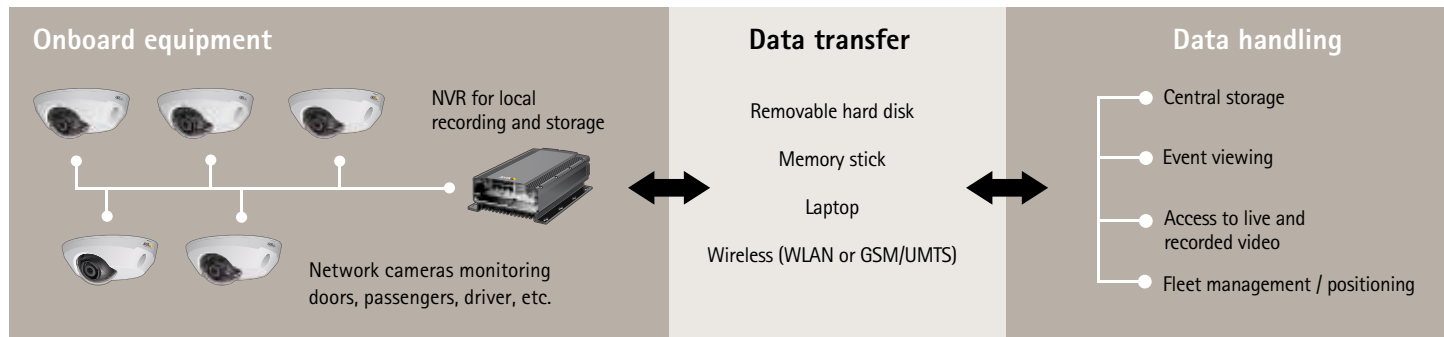
Cost-effective and flexible

Network video surveillance solutions are based on open IP standards. This enables the use of standard IP network infrastructure, instead of proprietary systems and devices as is the case for analog CCTV solutions. It is also possible to provide power to the cameras over the same cable that transports video from the camera to the NVR. This solution, called Power over Ethernet, eliminates the need for a separate power cable and saves installation and cable costs.



One cable is all it takes when installing an onboard network camera, eliminating the need for a separate power cable.

- > High image quality
- > Reduced vandalism and graffiti
- > Increased security
- > Reduced liability claims
- > Shorter investigation times



Dedicated to onboard installations

Axis' solutions for mobile surveillance have been specially developed to meet the tough environment on board. The cameras and recorders are protected from dust and water and can withstand shock, vibrations and temperature fluctuations.

They are designed for quick and reliable installation and to ensure full functionality at all times. Valuable features include:

- > Mounting options for curved and flat surfaces
- > Battery back-up to handle short periods of power drop
- > Integrated protection against voltage spikes
- > Active Tampering Alarm, which alerts if the cameras are tampered with



The cameras' compact, discreet design and rounded edges make them ideal for onboard mounting on ceilings or walls.

Quick access to video

Video is recorded and stored on the onboard network video recorder (NVR), which supports recording in H.264 format for optimized storage. From the NVR, video is easily transferred to a centralized storage or standard computer for review and analysis. If required, the system can be designed to support wireless technologies to enable remote access to live and recorded video.

Proven in large-scale systems

Axis mobile surveillance solutions have been successfully installed in thousands of buses and trains, including the Moscow metro, the Stockholm buses and the Swiss Railways. The onboard cameras help deter vandalism and crime, provide valuable information for investigations, and also protect the operator from dishonest liability claims. Overall, a network video solution from Axis helps create a safer and more secure transportation environment.

Why network video?

- > Superior image quality
- > Remote accessibility
- > Easy, future-proof integration
- > Scalability and flexibility
- > Cost-effectiveness
- > Distributed intelligence
- > Proven technology

Why Axis?

- > Worldwide #1 in network video, the world's leading expert
- > Proven installations across all continents
- > Broadest product portfolio in the industry
- > The largest installed base of network video products
- > Over 25 years of networking excellence

**Get the Axis picture.
Stay one step ahead.**