

Telia Onboard Camera Surveillance

Increase safety onboard with CCTV video monitoring

Enhance safety onboard your public transport vehicles while reducing vandalism risks with a scalable, future-proof video camera surveillance solution. Edge-based technology connects over-the-air and eliminates the need for an onboard network video recorders (NVR's) and allows for remote software management.

Enhances safety onboard & reduce risk for vandalism

Experience peace of mind with our state-of-the-art security cameras featuring monitored communication. Our surveillance system provides a safe, reliable solution with centralized management for seamless control and supports the connection of up to eight cameras.

Access your cameras online anytime and easily download images. All recorded videos are stored locally, ready to be retrieved as evidence in case of an accident or emergency.

Functions in Telia Camera Surveillance

- Live view, live streaming or recording
- The software is ITxPT compliant
- The software can be configured remotely
- Possibility to provide live-view for driver via driver screen

Live feed, streaming or download the recording

Access live streaming or download recordings with ease. Telia Camera Surveillance provides a secure and dependable solution with centralized management. The video feed from the cameras is accessible online, and images can be downloaded as needed. Access to the cameras is restricted to authorized users only, ensuring privacy and security.

Key benefits

- Increased security onboard for your driver, passengers and vehicle
- Live streaming or recording
- The software is configured remotely
- Reliable and dependable products
- Simplified startup and a user-friendly screen



How does Camera Surveillance work

Telia Camera Surveillance operates on the Telia Smart Public Transport platform and connects to the cloud via Telia IoT Edge, our powerful onboard edge processor and gateway.

By linking the onboard CCTV video cameras to Telia IoT Edge, it enables high-resolution live video feeds and recorded surveillance images on demand from monitored areas. The data is stored on the Telia public transport delivery platform and can be integrated with customer back-end or third-party systems.

Synchronized playback of recorded material

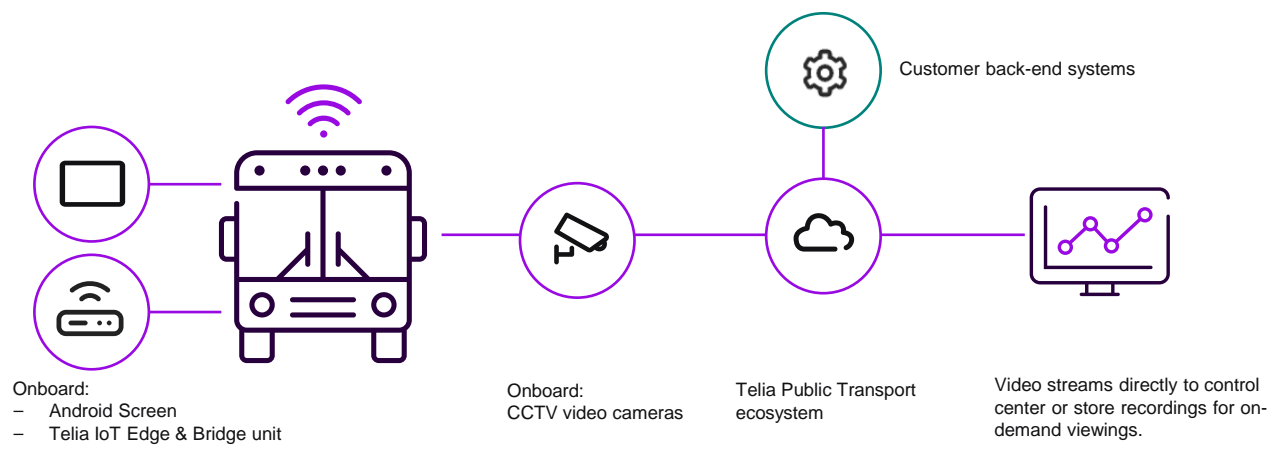
Video can be streamed in real-time when necessary, such as during critical situations. When reviewing recordings, the material is downloaded, and the images are displayed via synchronized playback from all installed cameras.

Live view for your driver

Provide your driver with a live view display by installing a Telia Android driver's touchscreen, connected to up to eight cameras. The screen can display a split view with four camera feeds at a time, and the driver can select any camera for a larger view. The camera to be displayed can also be automatically controlled by events recorded by the Telia IoT Edge unit. For example, if a door is opened, a camera view above the door is

Add-on: Telia Guardian

- **Real-time Monitoring:** Allows simultaneous tracking of multiple vehicles
- **Customizable Surveillance:** Operators can choose no. of vehicles and cameras to monitor
- **Event-Focused viewing:** Clicking on a vehicle image opens a live video feed for closer view
- **Low Bandwidth Video:** Offers real-time video monitoring even with low bandwidth
- Integration with alarm receiving center- Live and recorded video



End-to-end security, reliability & support

Consolidate your IT systems to one open platform

Telia IoT Edge is a powerful onboard computer and edge processor and communication gateway - and the heart of Telia's Smart Public Transport solution ecosystem. It is retrofittable and connects onboard systems and devices to the cloud. This makes it possible to download vehicle data, control, survey, update and configure IT-systems in the vehicle remotely. Telia IoT Edge combines robust, maintenance-free design with reliable and open software and application.

With an open platform, APIs and standards; you can easily integrate your own services – or add third party applications. So you can make the most of whatever the future brings.

Technical components: Telia Camera Surveillance

Onboard unit	Telia IoT Edge (MIIPS)
Onboard CCTV	Axis Network Camera
Additional: Touchscreen	Telia Android Screen