AXIS Live Privacy Shield
Versatile dynamic privacy masking

AXIS Live Privacy Shield makes it easy to remotely monitor activities while safeguarding privacy. It supports two different methods for real-time dynamic privacy masking. All compatible cameras can use the motion-based functionality to mask all moving objects as compared with the background scene. This functionality supports strict privacy requirements and is suitable for indoor scenes with good, stable lighting. Compatible DLPU cameras can additionally use the application's AI-based human recognition functionality to mask humans, faces, or the background in indoor or outdoor scenes in all lighting conditions. Both masking methods support "exclude" zones, and color or mosaic masking.

> **Safeguards privacy**

> **Real-time, edge-based dynamic masking**

> **Motion-based masking**

> **AI-based masking for select deep-learning (DLPU) cameras**

> **Free download**

AXIS Live Privacy Shield

General

Typical use cases	Monitoring activities while safeguarding privacy by use of real-time dynamic privacy masking. Motion-based method for indoor scenes with good, stable lighting and need of strict privacy protection. AI-based method for masking humans, faces, or the background, in indoor or outdoor scenes in places like manufacturing facilities, hospitals, elderly care homes, schools, hotels, offices and stores.
Supported devices	Available for free download for all compatible cameras. **Motion-based method**: All compatible cameras. **AI-based method**: Selected deep-learning (DLPU[a]) cameras. For a complete list of recommended and supported cameras, go to *axis.com*
Compute platform	Edge
Configuration	Through web browser: Chrome™ or Firefox®
Languages	English

Capabilities

Image settings	Motion-based or AI-based method Color or mosaic masking Polygon include and exclude zones **AI-based method**: Masking of humans, faces, or background
Frame rate	**Motion-based method**: Up to full frame rate **AI-based method**: 5–10 fps depending on camera model
Limitations	**Motion-based method**: Limited to indoor environments with good, stable lighting. Scenes with reflective surfaces are not recommended. **AI-based method**: People partially blocked from view by, for example, a pole may not be masked. Also in the parts of a scene where the pixel density is less than 100 pixels/meter (30 pixels/foot) there is a risk that a person may not be completely masked.

System integration

Application Programming Interface	Multiple, individually configurable masked streams and maximum one unmasked stream can be fetched from the camera via VAPIX® API. The application can be enabled and disabled via VAPIX® API. Support for Axis Camera Application Platform. Specifications at *axis.com*

a. *DLPU = deep learning processing unit*

Environmental responsibility:

axis.com/environmental-responsibility

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