

AXIS Live Privacy Shield

Dynamic privacy masking in real-time

Suitable indoors and out, this scalable, edge-based application lets you remotely monitor activities while safeguarding privacy. AI-based dynamic masking works in real-time to mask personal data on live and recorded video streams. And you can choose what to mask. For instance, you can mask entire human bodies or just faces, license plates, a combination, or you can mask the background. You decide how much details are visible through the masking. It's also possible to set up masking exclusion areas. Furthermore, you can view streams without masking and restrict access to unmasked streams — ideal whenever an incident occurs.

- > [Safeguards privacy in real-time](#)
- > [Edge-based dynamic masking](#)
- > [Flexible AI-based masking](#)
- > [Cost-effective, scalable application](#)
- > [Free download](#)



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General

Typical use cases	Monitoring activities while safeguarding privacy by use of real-time dynamic privacy masking. AI-based method for masking humans, faces, license plates, 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 Different levels of masking sensitivity 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 Unmasked stream (if defined or configured): Full frame rate.
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
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a. DLPU = deep learning processing unit