

# AXIS Audio Analytics

## AI-based audio analytics for actionable insights

AXIS Audio Analytics uses adaptive audio detection to generate alarms on sudden increases in sound volume. With AI-based classifiers, it can detect breaking glass, screaming, and shouting. You can also get extra confirmation by combining AXIS Audio Analytics with video analytics. This smart application only transmits metadata, ensuring privacy is safeguarded. A core feature of AXIS OS, AXIS Audio Analytics is included at no extra cost. It offers an intuitive GUI for effortless configuration. Furthermore, Axis Privacy Control ensures audio streaming is disabled by default and it's up to the user to turn it on.

- > **Detect glass break, screams, and shouts in real-time**
- > **Generate alarms based on sudden increases in sound volume**
- > **Privacy by default**
- > **Combine audio and video data for more reliable insights**
- > **Included at no extra cost with compatible devices**



# AXIS Audio Analytics

## General

<b>Typical use cases</b>	Suitable for detecting and classifying audio in areas with usually moderate noise conditions
<b>Supported devices</b>	Included in compatible Axis products. For a complete list, see <a href="https://axis.com/products/axis-audio-analytics/support#compatible-products">axis.com/products/axis-audio-analytics/support#compatible-products</a>
<b>Compute platform</b>	Edge
<b>Configuration</b>	Through web browser: Chrome™, Firefox®, or Edge™
<b>Languages</b>	English, French, Italian, Spanish, German, Russian, Portuguese (Brazilian), Japanese, Korean, Simplified Chinese, Traditional Chinese, Polish

## Capabilities

<b>Functionality</b>	Adaptive audio detection Audio classification (glass break, scream, shout) Audio privacy control
<b>Settings</b>	Threshold slider for adaptive audio detection
<b>Limitations</b>	Detects and classifies audio up to a range of 10 meters. Wind and noise may impact performance.

## System integration

<b>Application Programming Interface</b>	Open API for software integration, including VAPIX®; specifications at <a href="https://axis.com">axis.com</a>
<b>Event management</b>	Integrates with the camera to enable event streaming to a video management system (VMS) and event actions such as external output activation, notifications, and edge storage.
<b>Metadata</b>	Event metadata (classifications, audio detections, audio level data)