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 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.

- > Generate alarms on sudden increases in sound volume
- > Detect screams and shouts
- > Privacy by default
- > Combine with video analytics for greater accuracy
- > Included at no extra cost

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AXIS Audio Analytics

General	
Typical use cases	Suitable for detecting and classifying audio in areas with usually moderate noise conditions
Supported devices	Included in compatible Axis products. For a complete list, see *axis.com/products/axis-audio-analytics/support#compatible-products*
Compute platform	Edge
Configuration	Through web browser: Chrome™, Firefox®, or Edge™
Languages	English, French, Italian, Spanish, German, Russian, Portuguese (Brazillian), Japanese, Korean, Simplified Chinese, Traditional Chinese, Polish
Capabilities	
Functionality	Adaptive audio detection Audio classification (scream, shout) Audio privacy control
Settings	Threshold slider for adaptive audio detection
Limitations	Detects and classifies audio up to a range of 10 meters. Wind and noise may impact performance.
System integration	
Application Programming Interface	Open API for software integration, including VAPIX®; specifications at *axis.com*
Event management	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.
Metadata	Event metadata (classifications, audio detections, audio level data)