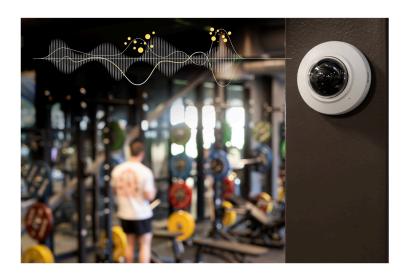


# **AXIS Audio Analytics**

# AI-based audio analytics for actionable insights

AXIS Audio Analytics is an Al-powered edge analytics that detects critical sounds in real-time – like glass breaking, speech, screams, and shouts – without the need to record or stream audio. The analytics can also measure SPL (sound pressure level) and detect sudden volume spikes, enhancing situational awareness. Seamless integration with other metadata sources enables deeper analysis of sound patterns and trends, making it ideal for security, safety, and business intelligence – at no extra cost with compatible Axis devices. Privacy is safeguarded by default, with audio streaming off unless enabled by authorized users.

- > Detect glass break, speech, screams, and shouts
- > Measure SPL
- > Get instant, actionable insights
- > Privacy by default
- > Included at no extra cost with compatible devices



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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 (glass break, scream, shout, speech, coughing fit) Audio privacy control Sound pressure level

#### 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)

