

AXIS Image Health Analytics

Secures image quality and field of view

This smart analytics will notify you of any image quality issues, guaranteeing your cameras always capture the right image. With multisite management, you can overview image quality from multiple cameras across multiple sites. It's ideal in hazardous and hard-to-reach areas to help ensure you only send out personnel when necessary. This time and cost-saving application enables remote visual verification and easy maintenance. Preloaded on Axis cameras with AXIS OS 12.0 or later, it adds value at no extra cost. Furthermore, it uses machine learning to accurately detect and alert for potential camera issues while minimizing false alarms.

- > **Know if image quality is degraded**
- > **Find out if the camera is tampered with**
- > **AI-based analytics for accurate notifications**
- > **Generates Axis events and supports ONVIF events**
- > **Pre-installed with compatible cameras**



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General

Typical use cases	Detect image degradations and tampering attempts. Send events when the image is blocked, redirected, blurred, or underexposed. Designed for use with other AI-based analytics. Suitable for indoor and outdoor use.
Supported devices	Pre-installed in compatible Axis cameras ^a .
Compute platform	Edge
Configuration	Through web browser: Chrome™, Firefox®, Edge™
Languages	English

Capabilities

Functionality	The application analyzes the scene continuously to detect changes in the image.
Features	Detection of: Blocked image Redirected image Blurred image Underexposed image
Settings	Send events when image changes are detected. Set a validation period that must be reached before the application sends events. Increase or decrease sensitivity to image changes.
Limitations	The scene must contain some distinct features or details for the application to be able to detect changes in the image ^b .

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; 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. Supports ONVIF® events

a. For a complete list, see [axis.com/products/axis-image-health-analytics#compatible-products](https://www.axis.com/products/axis-image-health-analytics#compatible-products)
b. For more information, see the user manual at help.axis.com.