AXIS OS 12.7

What's new in AXIS OS?

This flyer covers selected features and updates in AXIS OS 12.7.
A complete overview is available in the release notes.

The list of Axis devices that can be updated to AXIS OS 12.7 active track release is available here.

GENERAL

Feature / update	Function	Value
Togglable overlays*	• Allows user to seamlessly switch between full-forensic video view without graphical elements, and operational video view, with overlays (e.g. bounding boxes, text overlays, and MQTT-overlays). • Works on both live and recorded video. • See release notes for details and limitations	Increased convenience for operator
Export-import device configuration feature	• Action rules and recipients are added to this already available feature. The user can export (copy) the current configurations into a text file, that can be edited, and then imported to a second device. This second device then automatically gets configurated with the same settings. • Available in the web interface.	Simplifies and streamlines device set up. Saves time and reduces the risk of mistakes in the installation process.
Support for Precision Time Protocol (PTP)**	• High-precision time-synchronization • With PTP, nanoseconds accuracy is achievable • Added to the web interface under Date and time • NTP (Network Time Protocol) is still the default setting	Well established NTP can achieve milliseconds accuracy and is in most cases enough. However, sometimes more accuracy is needed (e.g. for business optimization in car industry).

* Available in ARTPEC-9 cameras with AXIS OS 12.7 using AXIS Camera Station Pro 6.12.
* *Applies to device using ARTPEC-8, ARTPEC-9, 8M-MINI, 8M-NANO, and 6SX.

PRODUCT SPECIFIC

Feature / update	Function	Value
AXIS Audio Manager Edge*	• Added the possibility to visualize the negotiated PoE class. • The Dashboard and the Music volume pages have gotten a revamp and Music volume have changed name to Playback. • Optimized CPU load on the leader device by offloading some tasks to follower devices.	Increased visualization and flexibility
Added support for SIP to the InformaCast integration	InformaCast is a proprietary Voice over IP network protocol for live audio paging.	New way of integration which increases convenience for the system administrator.
Added support for SirenLight Network Pairing, an edge-to-edge technology	Edge-to-edge is a technology that facilitates the connection between Axis cameras and other Axis devices. It enables smart pairing, which makes it easy to add extra functionality to cameras.	Increased efficiency and number of use cases

* AXIS C1110-E, AXIS C1111-E, AXIS C1210-E, AXIS C1211-E, AXIS C1510, AXIS C1511, AXIS C1610-VE, AXIS C1710, AXIS C1720, AXIS C8110, AXIS C8210 and AXIS D4200-VE

CYBERSECURITY

Feature / update	Function	Value
Updated cURL to version 8.16.0	Updated software components	Increased overall cybersecurity level
Updated OpenSSL to version 3.0.18	Updated software components	Increased overall cybersecurity level
Added Amazon Root CA 1,2,3 and 4 to the default CA trust store	Cybersecurity certificates	• Increased convenience as customers don't need to upload the certificates themselves. • Increases overall cybersecurity level
AXIS CVEs: **11 November 2025**	External disclosure 11 November 2025: CVE-2025-8108 CVE-2025-8998 CVE-2025-9055 CVE-2025-9524 External disclosure 10 February 2026: CVE-2025-11142	Increased overall cybersecurity level

AXIS AUDIO ANALYTICS

Feature / update	Function	Value
	• Added support for Sound pressure level - Applies to: Q6300E	E.g. in construction industry or in high-traffic areas, where high sound levels are common.
	• Added possibility to get summarized Sound Pressure Level (SPL) value (in decibel) via MQTT every 1 min	Easier integration of data into customer's own dashboards.

TERMS

AXIS OS active track
The AXIS OS active track is the most updated and feature-progressive track of AXIS OS and is suitable for customers who want access to the newest features and improvements. New products are launched on this track which means the most immediate access to any new features and updates.

AXIS OS long-term support (LTS) track
The focus of the AXIS OS long-term support (LTS) track is to keep the products well integrated with third-party equipment or software and still get necessary bug fixes and cybersecurity updates. An LTS track has a fixed feature set, and a new track is issued every two years and maintained for five years. No new products or features are added to the LTS track.

Software Bill Of Material (SBOM)
An inventory list of all the components that make up a software resource.

Common Vulnerabilities & Exposures (CVE)
A public database that identifies and catalogs known cybersecurity vulnerabilities. All entries are scored using the Common Vulnerability Scoring System (CVSS) to evaluate the threat level.

Breaking change
A change in functionality that can break or disrupt the previously known and intended behavior. Typically implemented to improve usability and increase security.

LINKS

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