AXIS OS 12.4

What's new in AXIS OS?

This flyer covers selected features and updates in AXIS OS 12.4.
A complete overview is available in the release notes.

The list of Axis devices that can be updated to AXIS OS 12.4 active track release is available here.

GENERAL

Feature / update	Function	Value
Export–import device configuration feature	This added feature in the web interface can with a one click button export (copy) the current configurations into a text file. The file can be edited, and with another click of a button, imported to a second device. This device then automatically gets configured with the same settings. In Beta version for now.	Simplifies and streamlines device set up. Saves time and reduces the risk of mistakes in the installation process.
Notification for removed device cover or incorrect installation	Instead of setting an event, this feature can now be activated from the web interface. It will notify the user if the device cover is removed (by an unauthorized user, e.g.) or in case of an incorrect installation.	Increases efficiency as the user is immediately notified of any interferences.
Rotatable text overlays	Expanded customization options for text overlays. It's now possible to use rotatable text overlays.	Improves customer experience. Now possible to rotate the text overlays to achieve optimal positioning in the video stream, for example along a road.

CYBERSECURITY

	Feature / update	Function	Value
New features	OAuth 2.0 RFC6749 Client Credential Flow	Token-based machine-to-machine communication for when external clients/applications need to access the Axis network product.	Brings IT-industry grade authentication and access management into the physical security industry. Increases security and flexibility.
	Crypto–Policy setting to choose between standard OpenSSL cipher suite or FIPS 140–2 cipher suites.*	Now FIPS mode is available for selected protocols such as built-in HTTPS server, 802.1x wired connections, and MACsec. More will come.	Organizations regulated by FIPS 140, such as US and Canadian federal agencies, will be able to meet FIPS 140-2 by updating to this SW release and turn the FIPS mode on.
Security patches	OpenSSL to version 3.0.16	Updated software components	Increases cybersecurity
	OpenSSH to version 9.9p2	Updated software components to address CVE-2025-26466.	Increases cybersecurity
	libmodbus to version 3.1.11**	Updated software components to address CVE-2024-10918.	Increases cybersecurity
	Addressed vulnerabilities in AXIS OS	CVE-2025-0325, identified through the bug bounty program and CVE-2025-0358, identified through penetration test. These CVEs will be externally disclosed on 2nd June 2025. More detailed information will follow at that time.	Increases cybersecurity

* ARTPEC–7/8/9 and IMX6/8. ** AXIS F9104/–B, AXIS F9111 and AXIS F9114–B

Feature / update	Function	Value
AXIS Image Health Analytics	Added support for ONVIF profile T and for providing ONVIF profile T events Pre-installed application for more products.*	Customers who prefer ONVIF format can now choose that. Optimized for more maintenance.
AXIS Live Privacy Shield	AXIS Live Privacy Shield is now pre-installed for AXIS Q1728.	Increases availability

* Applies to: AXIS M4308-PLE, AXIS M4317-PLR/-PLVE, AXIS M4318-PLR/-PLVE, AXIS M4327-P, AXIS M4328-P, AXIS P9117-PV and AXIS XFQ1656

PRODUCT SPECIFIC

Feature / update	Function	Value
Added support for B-frames in the Zipstream storage profiles for AV1 format	The feature saves storage and is applicable for all ARTPEC-9 based products.	Saves storage and cost
Added support for Straighten image in the web interface*.	From the web interface, the user can slightly adjust (straiten) the image position to optimize image after installation is performed.	Simplifies installation and increases quality of the video.
Added logs to the Entry list in the web interface	In the web interface, the entry list is now extended with logs (e.g. time stamps, type of method). Applicable for AXIS A8207-VE Mk II, AXIS I7010-VE and AXIS I8116-E .	Added insights
Added new 4K sensor units (AXIS F2108 and AXIS F4108) to AXIS F91 Main Units.	With this update, the user can stream 4k video.	Increased image quality
Added autofocus option to on-screen controls for AXIS Q9307-LV.	The autofocus option is now available from the live view window.	Enhanced user experience. Quicker and easier operation.
Added heater control for AXIS M4318-PLR/-PLVE	Controls the heater from on-screen control.	Enhanced user experience. Greater convenience and ease of use.

* Applies to: M1135 Mk II/-E Mk II, M1137 Mk II/-E Mk II, AXIS P1385-E/-LE, AXIS P1465-LE/-3, AXIS P1467-LE, AXIS P1468-LE, AXIS P1485-LE, AXIS P1487-LE, AXIS P1488-LE, AXIS Q1615-LE-Mk III, AXIS Q1656/-B/-BE/-BLE/-LE, AXIS Q1656-DLE, AXIS Q1686-DLE, AXIS Q1715, AXIS Q1728, AXIS Q1798-LE, AXIS Q1800-LE, AXIS Q1800-LE-3, AXIS Q1805-LE, AXIS Q1806-LE and AXIS Q1808-LE

** Applies to: AXIS F9104-B Main Unit, AXIS F9104-B Mk II Main Unit, AXIS F9111 Main Unit, AXIS F9111-R Mk II Main Unit, AXIS F9114 Main unit, AXIS F9114-B Main Unit, AXIS F9114-B Mk II Main Unit, AXIS F9114-R Mk II Main Unit

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.

AXIS OS product-specific support (PSS) track
The AXIS OS product-specific support (PSS) track is a rare track for when a product requires support after an LTS track expires. The products on this track continue to receive necessary bug fixes and cybersecurity updates. Each product sits on its own track and the track is not connected to other product tracks. Non-AXIS OS products have similar support tracks.

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

RELEASE NOTES   **VIDEOS**   **WEBPAGE**   **AXIS SECURITY ADVISORY**

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