



AXIS Firmware 5.80 Overview

This document describes new and modified capabilities in the 5.80 Firmware Release. Please note that available functionality varies depending on camera and encoder model. Check the release notes for details for each product.

Following products is released in 5.80:

P1405-E/-LE	P3904/05-R/-RE
P1425-E/-LE	P3915-R
P1427-E/-LE	Q1615/Q1635
P1428-E	Q3505-V/-VE
P3214/15 -V/VE	Q7411
P3365-V/-VE/-LV/-LVE	

Please note that some products may also include more features than described in this document depending on their prior release.

General information

1 Axis Zipstream Technology

Optimized for video surveillance, Axis Zipstream technology is a radically more efficient H.264 implementation, lowering bandwidth and storage requirements by an average 50% or more.

Axis Zipstream is available in selected Axis products.

Axis Zipstream technology conforms to the H.264 standard and is compatible with third-party clients and VMS solutions that decode H.264 video. To use the Zipstream dynamic GOP mode, some clients might need to adapt their H.264 playback implementation. The fixed GOP mode works with all implementations.

VAPIX Library is updated with new information and new APIs.

2 AXIS VMD 3 replaces the built-in VMD

AXIS Video Motion Detection 3, which includes Axis False Alarm Filtering, is now a pre-installed ACAP application and it replaces the built-in Motion Detection in the product Web GUI.

The built-in Motion Detection is still available via VAPIX so VMS solutions using it are not affected. The built-in Motion Detection application will however not be maintained anymore and the API for it is now deprecated and will eventually be removed.

Axis strongly recommends current users of the Motion Detection API to plan for transfer to the AXIS Video Motion Detection 3 API, please see VAPIX Library.

3 ONVIF Media Profiles

Available ONVIF Media Profiles are now presented and configurable using the product Web GUI.

4 SD Card Encryption

With SD Card Encryption it is now possible to enable encryption of the SD card to protect your data. This encryption is transparent to users and VMS solutions making it possible to activate without adaptations.

This feature is presented and configurable both in the Web GUI and via VAPIX.

5 Improved time to video

Start-up of the product is now optimized and the time until the first video is delivered from the product is reduced by an average 20%.