AXIS Firmware 5.70 Overview

This document describes new and modified capabilities in the 5.70 Firmware Release. 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 5.70:

AXIS M3006-V	AXIS Q6042-E	AXIS Q6045-C-MkII
AXIS M3007	AXIS Q6042-S	AXIS Q6045-E
AXIS M3026-VE	AXIS Q6044	AXIS Q6045-E-MkII
AXIS M3027-PVE	AXIS Q6044-C	AXIS Q6045-MkII
AXIS P1357/-E	AXIS Q6044-E	AXIS Q6045-S
AXIS P3367/-V/-VE	AXIS Q6044-S	AXIS Q6045-S-MkII
AXIS Q6042	AXIS Q6045	
AXIS Q6042-C	AXIS Q6045-C	

The majority of these products prior firmware are based on a 5.55 release and this release will also contain features included in the 5.60 Firmware release.

1   Secure FTP (SFTP)

FTP notifications and FTP uploads from the product can now be made in a more secure way using Secure FTP (SFTP).

2   Storage Improvements

2.1   Matroska fixer

Recordings may be broken if recording is ongoing during a power loss or if the storage media is removed without proper disconnection (unmount). The Matroska fixer will attempt to fix these broken recordings. When connecting (mounting) a storage media, the Matroska fixer will detect any broken recordings and operations to fix them will start automatically. The recordings are fixed in a queue fashion, i.e. recordings are fixed one at a time. When a recording is fixed, the stop time and duration time will also be adjusted (increased).

2.2   Storage Limit

With the Storage Limit functionality it is now possible to control how much of the storage space may be used for edge recordings. When the storage limit is met, the oldest recordings will

automatically be removed to give space for new recordings. The Storage Limit API will be available in the [VAPIX Library](#).

2.3   NAS drives over 2TB

Axis network cameras now support NAS drives over 2TB.

2.4   Automatic repair

For increased robustness of the SD Edge Storage feature will the system automatically detect and try to repair file system corruptions for ext4. This check is performed when mounting an SD card.

2.5   SD card statistics

Storage manager collects information about SD card usage and stores it on file. The information is stored for the last 10 cards seen and the file is updated once every hour and when a card is inserted. The information is also presented in the server report.

3   New web server

To improve our products and functionality, we have replaced the BOA web server with the Apache web server. Apache is standard compliant and offers higher security and is more robust and future proof.