

VMS PLUGIN FOR INTEGRATED SWITCH MANAGEMENT

StreamConnect for Wisenet WAVE (VMS)

PRODUCT INTRODUCTION



Partnership

The Allied Telesis and Hanwha Vision America partnership streamlines security system management by integrating switch configuration commands directly into the VMS management system.



Hanwha Visions' Video Management Systems (VMS) are designed to efficiently manage video surveillance cameras and recordings. Cameras rely on the underlying IP network to transmit video streams to servers, and in most installations, they are directly connected to PoE switches, which provide both network connectivity and power supply.

The Allied Telesis StreamConnect plugin for the Hanwha Visions' VMS provides visibility and control over the network switches connected to cameras. This integration enables streamlined operations and simplifies overall system management, eliminating the need for a separate dedicated system.

Customers' pains

Cycle power to reboot malfunctioning cameras.

A switch port connected to a camera can be used as a back door to access the network.

Switch power budget limitation can turn off cameras.

Identifying the switch port connected to a specific camera is not easy.

An unconnected switch port is a security risk.

A Network device upgrades interrupt PoE to cameras, causing video recording to be temporarily disabled.

How Allied Telesis addresses them

The StreamConnect plugin provides access to individual switch port controls, allowing users to power off and on PoE connections and reboot connected devices.

The StreamConnect plugin restricts port access to a single device with an easy 'point and click' to enable Port Security(available soon).

The StreamConnect plugin provides a fine grain control on the power allocation on each port and the whole device to ensure all the cameras are powered correctly.

The StreamConnect plugin visually displays the association between cameras and switch ports, enabling easier and more efficient troubleshooting.

The StreamConnect plugin offers precise control over each switch port, allowing users to disable unused ports directly from the VMS interface.

Allied Telesis switches controlled by StreamConnect plugin feature Continuous PoE, ensuring that power remains supplied to the port even during a switch reboot.

StreamConnect Plugin advantage

High Visibility: The StreamConnect plugin enhances system visibility by providing access to the status of network devices, thereby improving overall security system control.

Granular Control: The StreamConnect plugin provides a per-port control of each Allied Telesis switch connected to the cameras enabling them to control parameters and to turn on and off each port, remaining in the VMS interface.

Supported Allied Telesis Switches

The plug-in is compatible with any AlliedWare Plus PoE-capable switches.

See our Managed and Industrial AlliedWare Plus PoE switches:

POE SWITCHES

Supported Hanwha Vision VMS

Wisenet WAVE VMS

On-premises single-server, multi-server, and WAVE Sync solution, software versions 5.1.4, 6.0.1.40221 and later.

Solid EDGE

Serverless surveillance solution that records footage in-camera.