# StreamConnect for Wisenet WAVE

**VMS PLUGIN FOR INTEGRATED SWITCH MANAGEMENT**

StreamConnect

## 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 Vision

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 | How Allied Telesis addresses them |
|---|---|
| Cycle power to reboot malfunctioning cameras. | The StreamConnect plugin provides access to individual switch port controls, allowing users to power off and on PoE connections and reboot connected devices. |
| A switch port connected to a camera can be used as a back door to access the network. | The StreamConnect plugin restricts port access to a single device with an easy 'point and click' to enable Port Security (available soon). |
| Switch power budget limitation can turn off cameras. | 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. |
| Identifying  the switch port connected to a specific camera is not easy. | The StreamConnect plugin visually displays the association between cameras and switch ports, enabling easier and more efficient troubleshooting. |
| An unconnected switch port is a security risk. | The StreamConnect plugin offers precise control over each switch port, allowing users to disable unused ports directly from the VMS interface. |
| Network device upgrades interrupt PoE to cameras, causing video recording to be temporarily disabled. | 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 Hanwha VMS

**Wisenet WAVE**
On-premises single server solution server software versions 5.1.x and 6.0

**Wisenet WAVE**
On-premises multi server solution server and Cloud Sync software versions 5.1.x and 6.0

**Solid EDGE**
Serverless surveillance solution that records footage in-camera

## Supported Allied Telesis Switches Series

| | |
|---|---|
| x930 Series | 1/10/40G Stackable Switches with Continuous PoE |
| x530 Series | Multi-Gigabit Stackable Switches with Continuous PoE |
| x530L Series | Gigabit Stackable Switches with Continuous PoE |
| x320 Series | Gigabit PoE++ Managed Switches |
| x230 Series | Gigabit Edge Switches |
| GS980EM Series | Gigabit Managed Switches |
| GS980MX Series | Stackable Multi-Gigabit Switches |
| GS970M Series | Gigabit Edge Switches |
| IE340 Series | Industrial Layer 3 Switches with Continuous PoE |
| IE220 Series | Industrial Layer 2+ Switches PoE++ |

*Requires AlliedWare Plus™ version 5.5.4*