

Allied Telesis StreamConnect

Integrated Switch Management for Video Surveillance



Simplify surveillance with unified network control

Allied Telesis StreamConnect integrates PoE switch management directly into your Video Management System (VMS), giving security operators complete control over their network infrastructure through a single pane.

Core Capabilities

Power Management: Take command of your PoE infrastructure with granular power control. StreamConnect enables precise power allocation per port, ensuring optimal camera performance while preventing power budget overruns that could disable critical surveillance points.

Port-Camera Mapping: Easily identify which camera connects to which switch port through intuitive visual associations. Custom labeling capabilities allow teams to track devices thereby simplifying troubleshooting and maintenance.

Remote Port Control: Enable or disable individual switch ports directly from your VMS. Security teams can immediately respond to issues by cycling power to reboot malfunctioning cameras. This eliminates the need for IT assistance and significantly reduces the number of truck rolls.

Role-based Access: Administrator staff can set up port configurations and power allocations through the VMS interface, without logging directly into the switch. They can then assign role-based access to security operators to perform non-network tasks, and enable operators to reboot stuck cameras remotely and monitor power usage.

Enhanced Security Posture: Strengthen your network defense by disabling unused ports. Limit each port to a single authorized device to prevent unauthorized access through camera connections that could compromise your entire network.

Real-World Impact

Problem	Solution
Camera stops responding and needs rebooting.	This eliminates the need for IT assistance and significantly reduces the number of truck rolls.
Power budget exceeded causes cameras to go offline.	Real-time power monitoring and per-port allocation ensures all cameras stay powered within budget limits.
Can't identify which port connects to which camera.	Visual port-camera mapping with custom labels makes troubleshooting fast and simple.
Unused ports create security vulnerabilities.	Disable ports directly from VMS to block unauthorized devices.
Switch reboots interrupt video recording.	Continuous PoE (CPoE) maintains power during reboots so cameras keep recording locally.
Network changes require multiple management tools.	Single interface control eliminates switching between VMS and network management systems.

Key Benefits

Complete Visibility: Monitor switch status, port connections, and power consumption from your VMS dashboard.

Operational Efficiency: Reduce camera troubleshooting time with instant remote diagnostics and control.

Enhanced Security: Protect your network by controlling port access and preventing unauthorized connections.

Compatible Switch Series

StreamConnect supports an extensive range of Allied Telesis switches from compact edge devices to high-performance core switches, and industrial models for harsh environments:

- x930 Series: 1/10/40G Stackable Switches
- x530 Series: Multi-Gigabit Stackable Switches
- x530L Series: Gigabit Stackable Switches
- x320 Series: Gigabit PoE++ Managed Switches
- x230 Series: Gigabit Edge Switches
- GS980EM Series: Gigabit Managed Switches
- GS980MX Series: Multi-Gigabit Stackable Switches
- GS970M Series: Gigabit Edge Switches
- FS980M Series: Stackable Lite Managed Switches
- IE340 Series: Industrial Layer 3 Switches
- IE360 Series: Industrial Gigabit Layer 3 Switches
- IE220 Series: Industrial Layer 2+ PoE++ Switches

Requires AlliedWare Plus™ version 5.5.4 or later. Additional switch models may be supported. Contact Allied Telesis for details.

VMS Integration

StreamConnect seamlessly integrates with leading VMS providers, Hanwha Vision, Milestone, and Digital Watchdog. See Allied Telesis [StreamConnect](#) webpage for more information and contact details.

Allied Telesis Advantage

Allied Telesis is a global leader in connectivity solutions and intelligent networking tools.

- Limited Lifetime Warranty includes software upgrades, support, and hardware replacement.
- 35+ years of networking innovation and reliability.
- Industry-leading customer satisfaction and support.
- Superior reliability through company-owned manufacturing facilities adhering to strictest quality standards, delivering maximum MTBF.
- Proven ROI through reduced operational costs and increased uptime.