

24-Port Managed PoE Switch + 4K over IP AV

AVP-Controller-102

AVP-Controller-102 is a multifunctional device that seamlessly integrates a network switch with an AV over IP controller. Each port provides up to 30W of power output, with a maximum total power capacity of 400W. Equipped with a Watchdog system, it ensures uninterrupted audiovisual control and network operation. Additionally, as an AV over IP controller, it enables effortless management of AV over IP devices. The 2-in-1 design adds convenience to various application scenarios.



Network Connectivity & PoE

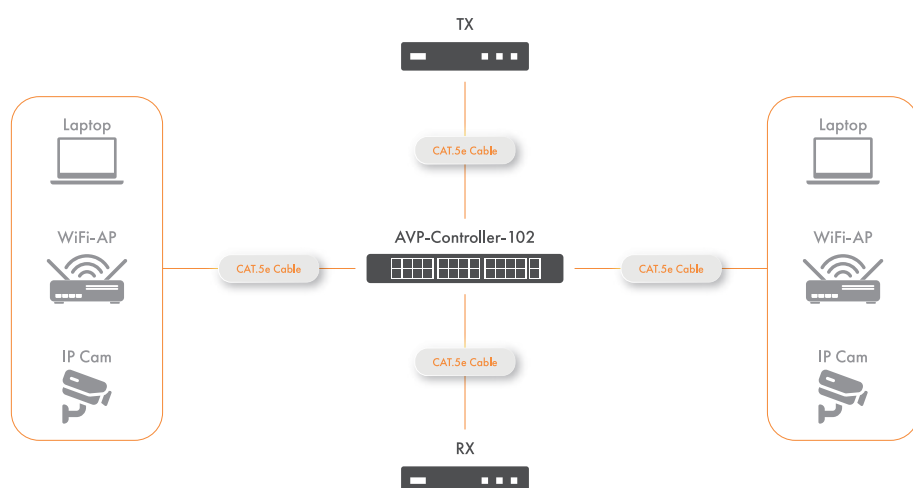
- 24 10/100/1000 Mbps PoE ports, providing stable network and power connections
- 1 Uplink port + 2 Fiber ports, meeting diverse network architecture demands
- Compliant with IEEE802.3af / IEEE802.3at standards, supporting up to 30W per port
- Total power budget of 400W, providing reliable power supply to multiple devices simultaneously

Real-Time Monitoring & Management

- Supports graphical interface display to monitor port status and independently control PoE power switches
- Equipped with a Web GUI management interface for remote management and quick configuration
- Supports Layer 3 protocols, such as IGMP multicast, to enhance network performance

4K over IP Controller Features

- Supports matrix switching and video wall control, offering flexible configurations for various scenarios
- Features scheduled playback, enabling automated audiovisual management



Application Scenarios

✓ Enterprise Network Deployment

Connects computers, printers, IP telephones, and other terminal devices in office buildings.

✓ Video Surveillance Systems

Powers and connects multiple IP cameras, simplifying cabling and ensuring stable power supply.

✓ Educational Institutions

Integrates wireless access points (APs), electronic whiteboards, and classroom computers.

✓ Data Centers and IT Racks

Connects servers, firewalls, and storage devices for efficient and reliable network operations.

