

# Catalog

airlive®

**AirLive**

**Network PoE Switch Series**



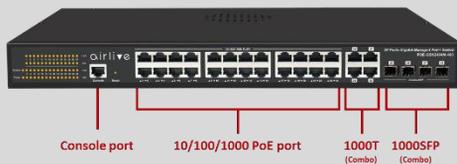
[www.airlive.com](http://www.airlive.com)

# 400W Managed Gigabit PoE+ switch

## 28-Port PoE+ Gigabit including 4 Ports Combo/SFP

POE-GSH2404M-400

airlive®



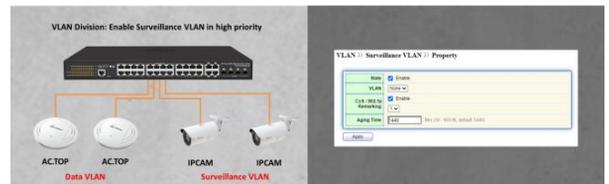
|                      |      |                      |                                 |
|----------------------|------|----------------------|---------------------------------|
| 24 x 30W PoE Gigabit | SNMP | Auto. Remote Reboot  | FAN Less                        |
| 4 x Combo GB         | VLAN | 802.3at, 400W/Switch | IPv4/IPv6 Stacking L3 Switching |

### SNMP & PoE managed Switch with Advanced VLAN Policy for Video Conferencing | Surveillance | Voice | Data

The AirLive POE-GSH2404M-400 is a L2+ managed 28-port Gigabit PoE+ switch including 24 PoE+ ports and 4 Gigabit Combo ports with high 400W PoE power. Each PoE port is 802.3at/af compliant up to 30W, automatically adaptive. Data and Power supply will be transferred over Cat. 5e cables at the same time. For non-PoE device detected, only data is transferred.



The 28-port Gigabit management switch offers comprehensive SNMP management functions including IGMP, VLAN Division, Port aggregation, QoS port mirroring, bandwidth control. Its unique "VLAN Division Policy function" allows setting "Video Conference, Surveillance, Voice, or Data" such important VLAN group at higher priority that prevents package loss or lags.



Add MED Network Policy

### L2+ Management Features

- Support L2 SNMP and WEB Smart management function, including DHCP Snooping, VLAN, IGMP, QoS, Spanning Tree, MAC Binding and Bandwidth Control
- L3 Switching: IPv4/v6 stating, DHCP Server
- Unique VLAN Division setting function for setting important group to have higher priority transmission (Surveillance, Voice, MED Conference, Data), such as Surveillance VLAN property, Voice VLAN for meeting conference
- Support PoE management
- PoE watchdog to automatically remotely reboot crashed PD
- Clear Statuses display including traffic, CPU, Memory, POE consumption, per-port status
- Web-UI for easy management; CLI and Command Script for advance setting; SNMP used for popular network tools management.
- Authentication: 802.1x, AAA, TACACS+
- SNMP, WEB, CLI, SSH, Telnet, RMON
- DHCP Snooping prevents unauthorized router installed

### Major Hardware Specifications

- All 28-port, each port delivers Gigabit high speed
- 24 x 30W PoE 10/100/1000; 4 x 1000T/SFP Combo ports
- Extend the network further with SFP slots that accept fiber transceivers and go beyond the limits of Ethernet
- 400W High PoE power, ensure full power for connected device, each PoE port up to 30W, 802.3at/af
- Automatically detect and offer power for connected PD
- Delivering data only for non-PoE device
- Lighting Surge ESD protection: 6KV / Port ESD Static Protection: 15KV /Switch
- FAN-less design

### Ordering Information

- **Model:** POE-GSH2404M-400
- **Name:** L2+ Managed Gigabit PoE+ 802.3at switch, 400W 28 Ports including 4 1000T/SFP Combo ports

# 120W Managed Gigabit PoE+ switch

## 10-Port PoE+ Gigabit including 2 Ports SFP

POE-GSH802M-120

airlive®



10/100/1000 PoE port  
Console port  
1000SFP (stacked)

8 x 30W PoE Gigabit

SNMP

Auto Remote Reboot

FAN Less

2 x SFP GB

VLAN

IPv4/IPv6 Stacking L3 Switching

802.3at 120W Switch

### SNMP & PoE managed Switch with Advanced VLAN Policy for Video Conferencing | Surveillance | Voice | Data

The AirLive POE-GSH802M-120 is a L2+ managed 10-port Gigabit PoE+ switch including 8 PoE ports and 2 Gigabit SFP ports with high 120W PoE power. Each PoE port is 802.3at/af compliant up to 30W, automatically adaptive. Data and Power supply will be transferred over Cat. 5e cables at the same time. For non-PoE device detected, only data is transferred.

The 10-port Gigabit management switch offers comprehensive SNMP management functions including IGMP, VLAN Division, Port aggregation, QoS port mirroring, bandwidth control. Its unique "VLAN Division Policy function" allows setting "Video Conference, Surveillance, Voice, or Data" such important VLAN group at higher priority that prevents package loss or lags.



Add MED Network Policy

Policy ID: 1

Application: Voice

VLAN: Voice Signaling, Guest Voice, Guest Voice Signaling, Softphone Voice, Video Conferencing, Streaming Video, Video Signaling

VLAN Tag: Range (0 - 4095)

Priority:

DSCP:

Apply Close

### L2+ Management Features

- Support L2 SNMP and WEB Smart management function, including DHCP Snooping, VLAN, IGMP, QoS, Spanning Tree, MAC Binding and Bandwidth Control
- L3 Switching: IPv4/v6 stating, DHCP Server
- Unique VLAN Division setting function for setting important group to have higher priority transmission (Surveillance, Voice, MED Conference, Data), such as Surveillance VLAN property, Voice VLAN for meeting conference
- Support PoE management
- PoE watchdog to automatically remotely reboot crashed PD
- Clear Statues display including traffic, CPU, Memory, POE consumption, per-port status
- Web-UI for easy management; CLI and Command Script for advance setting; SNMP used for popular network tools management.
- Authentication: 802.1x, AAA, TACACS+
- SNMP, WEB, CLI, SSH, Telnet, RMON
- DHCP Snooping prevents unauthorized router installed

### Major Hardware Specifications

- All 10-port, each port delivers Gigabit high speed
- 8 x 30W PoE 10/100/1000; 2 x 1000SFP slots
- Extend the network further with 2 SFP slots that accept fiber transceivers and go beyond the limits of Ethernet
- 120W High PoE power, ensure full power for connected device, each PoE port up to 30W, 802.3at/af
- Automatically detect and offer power for connected PD
- Delivering data only for non-PoE device
- Lighting Surge ESD protection: 6KV / Port ESD Static Protection: 15KV /Switch
- FAN-less design

### Ordering Information

- **Model:** POE-GSH802M-120
- **Name:** L2+ Managed Gigabit PoE+ 802.3at switch, 120W 10 Ports including 2-port SFP Fiber Slots

# 134W Web Smart 24V PoE switch

## 10-Port including 1-1000T uplink, 1-1G SFP slot

POE-FSH808PW

airlive®



### ▶▶ Web Smart 24V PoE managed Switch with Tag VLAN

The AirLive POE-FSH808PW consists of 8 10/100M RJ45 with 24V PoE integrated, 1 Gigabit RJ45 uplink and 1 Gigabit SFP port. With 24V PoE function integrated, it can power 24V PoE CPE, AP, Camera or 24V PD. Data and Power can be delivering over Cat.5e or Cat.6 cables at 100meter. Moreover, it provides smart remote management functions for enabling/disabling the PoE power output.

It supports smart web remotely management functions, such as port based VLAN, Tag VLAN, Bandwidth Control, Trunking, and Broadcast Storm Control. A very cost-effectively smart management PoE switch, the POE-FSH808PW is.

### ▶▶ Smart Web-Base Management

- Configuring PoE on/off remote control, power consumption, short protection
  - Port VLAN:8
  - Tag VLAN:4094
  - Trunk Groups: 2 (1-4 port for each group)
  - Quality of Service: up to 4 queues
  - STP/RSTP (spanning tree protocol and rapid spanning tree protocol) Advanced network management function
  - MAC Filtering
  - IGMP Snooping
- Management:
- Broadcast storm control,
  - Bandwidth control,
  - Port mirroring,
  - Password-protected Access,
  - Port-settings,
  - Web-base management,
  - Graphic user interface,
  - Configuration back and restore etc.

### ▶▶ Major Hardware Specifications

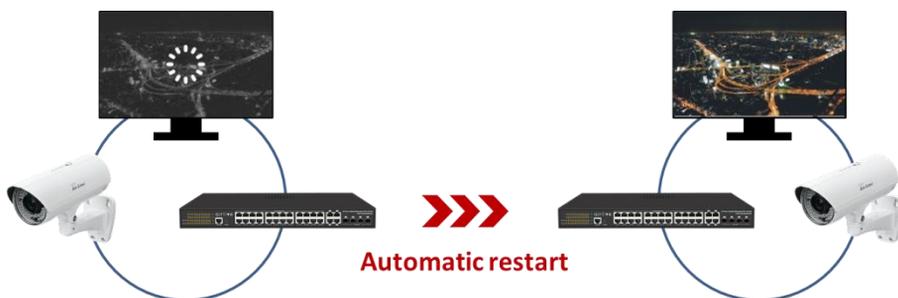
- 8 Port 10/100Mbps + 1 Port Gigabit RJ45 + 1 SFP Slot Gigabit, total 10-port
- 8-port 24VDC PoE
- Full Power 180Watt built-in Power Supply
- 16.8W/each PoE port
- Support any 24V PoE power devices, such as AirLive AirMax2

### ▶▶ Ordering Information

- **Model:** POE-FSH808PW
- **Name:**  
**10-port Web-Smart PoE Switch**  
8 port \*16.8W 10/100 24V PoE, 1 Port Gigabit RJ45, 1Port Gigabit SFP, rack-mounting able

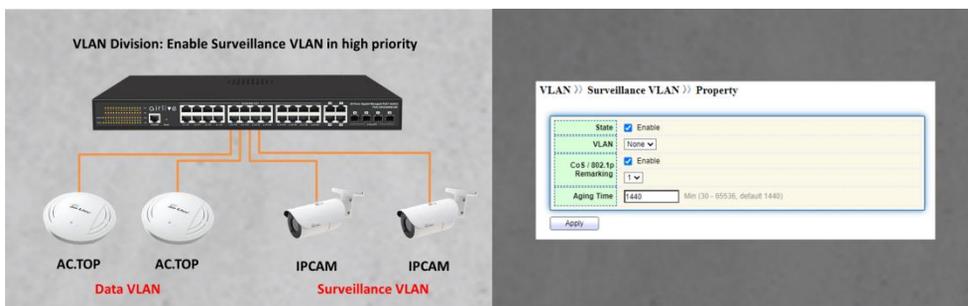
### Efficient PoE Watch Guard PoE Watch dog technology and PoE Management

The AirLive Managed Gigabit PoE switch POE-GSH2404M | POE-GSH802M features PoE watchdog technology that can automatically detect connected PD and restart the crashed devices. For example, when “PoE Watchdog” function is turned on, the switch auto-detects the front-end camera for 24/7. If there is no traffic output from the camera, it is judged that the camera is frozen, and the front-end camera is restarted through PoE power failure to solve the problem of camera crash. No manual operation is required, and it can provide timely and reliable solutions for later operation and maintenance of the system.



### Surveillance VLAN Support

POE-GSH2404M | POE-GSH802M VLAN division includes Surveillance VLAN, Voice VLAN, MED Network (Video Conferencing) and Data VLAN. When Enable Surveillance VLAN functions that ensures the quality of real-time video for monitoring and control without compromising the transmission of conventional network data.



### VLAN Policy for Video Conferencing/Voice/Data

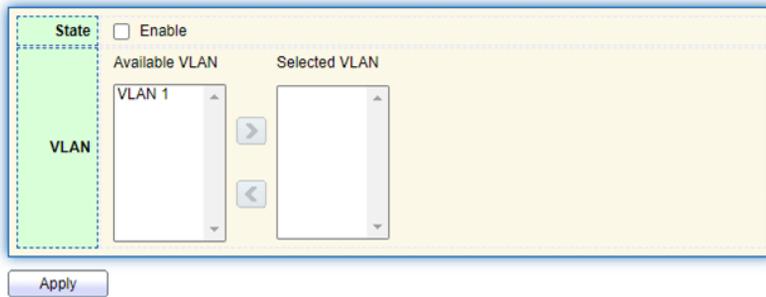
User can define policy for video conferencing / voice data in high priority, to ensure your video meeting will not lag coursing by any networking jam.

#### Add MED Network Policy

### DHCP Snooping Support

Managing DHCP server; prevent stranger / Hacker.

Security >> DHCP Snooping >> Property



### RMON Statistics Support

For each port and different packets item.

Management >> RMON >> Statistics

Statistics Table

Refresh Rate: 0 sec

| Entry                    | Port    | Bytes Received | Drop Events | Packets Received | Broadcast Packets | Multicast Packets | CRC & Align Errors | Undersize Packets | Oversize Packets | Fragments | Jabbers | Collisions | Frames of 64 Bytes |
|--------------------------|---------|----------------|-------------|------------------|-------------------|-------------------|--------------------|-------------------|------------------|-----------|---------|------------|--------------------|
| <input type="checkbox"/> | 2 GE2   | 0              | 0           | 0                | 0                 | 0                 | 0                  | 0                 | 0                | 0         | 0       | 0          | 0                  |
| <input type="checkbox"/> | 3 GE3   | 0              | 0           | 0                | 0                 | 0                 | 0                  | 0                 | 0                | 0         | 0       | 0          | 0                  |
| <input type="checkbox"/> | 4 GE4   | 0              | 0           | 0                | 0                 | 0                 | 0                  | 0                 | 0                | 0         | 0       | 0          | 0                  |
| <input type="checkbox"/> | 5 GE5   | 0              | 0           | 0                | 0                 | 0                 | 0                  | 0                 | 0                | 0         | 0       | 0          | 0                  |
| <input type="checkbox"/> | 6 GE6   | 0              | 0           | 0                | 0                 | 0                 | 0                  | 0                 | 0                | 0         | 0       | 0          | 0                  |
| <input type="checkbox"/> | 7 GE7   | 0              | 0           | 0                | 0                 | 0                 | 0                  | 0                 | 0                | 0         | 0       | 0          | 0                  |
| <input type="checkbox"/> | 8 GE8   | 0              | 0           | 0                | 0                 | 0                 | 0                  | 0                 | 0                | 0         | 0       | 0          | 0                  |
| <input type="checkbox"/> | 9 GE9   | 0              | 0           | 0                | 0                 | 0                 | 0                  | 0                 | 0                | 0         | 0       | 0          | 0                  |
| <input type="checkbox"/> | 10 GE10 | 0              | 0           | 0                | 0                 | 0                 | 0                  | 0                 | 0                | 0         | 0       | 0          | 0                  |
| <input type="checkbox"/> | 11 GE11 | 0              | 0           | 0                | 0                 | 0                 | 0                  | 0                 | 0                | 0         | 0       | 0          | 0                  |
| <input type="checkbox"/> | 12 GE12 | 0              | 0           | 0                | 0                 | 0                 | 0                  | 0                 | 0                | 0         | 0       | 0          | 0                  |
| <input type="checkbox"/> | 13 GE13 | 0              | 0           | 0                | 0                 | 0                 | 0                  | 0                 | 0                | 0         | 0       | 0          | 0                  |

### Fiber for Long Distance

Extend the network further with SPF slots.

