

POE-GSH2004L-370

20-Port Gigabit + 4-Port UTP/SFP Combo Active PoE Web Smart Switch

- 20-Port 10/100/1000Mbps + 4-port combo UTP / (100M/1000M)SFP
- 24-Port PoE 802.3at/af standards ports
- Full Power 370Watt Built-In Power Supply
- Web smart features provide easier manageability, security and QoS
- Supports Device Guard Function
- Supports broadcast storm filtering
- Supports IEEE802.3az Energy Efficient Ethernet standard
- Supply Power to 802.3at/af PoE IP Cameras and APs v through RJ-45 Cables



The POE-GSH2004L-370 is a 20+4-Port Gigabit Ethernet Web Smart PoE Switch. It can automatically detect the presence of an 802.3at/af compliant powered device (PD) and provide power through the port. The switch provides up to 30W per PoE port and can be used to power AP, IP phone, IP Cam and other PD devices.

Device Guard Function

After enable and set up the Device Guard function, the switch can monitor PoE IP Cameras and Access Points for activities. When a device crashes and not responding, it will reboot the device automatically. It keeps your wireless and IP camera network running smoothly without the need to send expensive technician for service.



Web management

Through the Web browser, you can configure POE-GSH2004L-370 such as System Information, Ports Configuration, VLAN setting, Aggregation, QoS setting, RSTP, IGMP Snooping, Mirroring, SNMP, Loop Detection, Broadcast Storm, configuration/ backup/recovery, log out. We also provide another way to control your POE-GSH2004L-370. With the attached Web management Utility, you can easily discover all the Web Management Switch, assigning the IP address, changing the password and upgrading the new firmware.

Furthermore, with displaying PoE Status via WebUI, you can easily monitor power consumption of Switch, control power limitation of port to the powered devices, and enable or disable the PoE function of the selected port.

Specifications

Standards

- IEEE 802.3 10BaseT
- IEEE 802.3u 100BaseTX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3z 1000BASE-X
- IEEE 802.3x Flow Control
- IEEE 802.3af Power Over Ethernet (PoE)
- IEEE 802.3at Power Over Ethernet (PoE)
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.1q VLAN (Port Based and Tag Based)
- IEEE 802.1p Class of Service, Priority Protocols
- IEEE 802.1d Spanning Tree Protocol
- IEEE 802.1w Rapid Spanning Tree Protocol

Hardware

- Number of Ports: 24 PSE/Power over Ethernet Ports
- MAC Address: 8K
- Buffer Memory: Embedded 512 K Bytes frame buffer
- Jumbo frames: 9KB
- Transmission Method: Store and Forward

Features

Trunking

- Static trunk (Link Aggregation)
- Up to 12 groups
- Up to 24 ports per group

Spanning Tree Protocol (STP)

- Standard Spanning Tree 802.1d
- Rapid Spanning Tree (RSTP) 802.1w

VLAN

- Support up to 16 VLANs simultaneously (out of 4096 VLAN IDs)
- 802.1Q tag-based VLAN
- Port-based VLAN
- Port Isolation
- Management VLAN

IGMP v1/v2 Snooping:

- Supports 64 multicast groups (source-specific multicasting is also supported)

Port mirroring

Loop detection

Broadcast Storm protection

Quality of Service(QoS)

- 8 hardware queues
- Scheduling
- Strict priority
- Queue assignment based on DSCP and class of service (802.1p/ CoS)

SNMP

- SNMP version1, 2c with support for traps

Reset Button

Filtering/Forwarding Rates

- 1000Mbps port - 1,488,000pps

- 100Mbps port - 148,800pps
- 10Mbps port - 14,880pps

Transmission Media

- 10BaseT Cat. 3, 4, 5, 6 UTP/STP
- 100BaseTX Cat. 5, 6 UTP/STP
- 1000BaseT Cat. 5, 6 UTP/STP
- 1000BASE-X SX/LX SFP

Led Indicators

- Per Port UTP: Link/Act, Speed, PoE Status
- Per Port SFP: Link/Act, Speed
- Per Unit: Power

Power Input

- 100-240 VAC 50~60 Hz, internal , universal

Power Output

- 54V/DC Per Port Output – 30 W Max Per Port
- Total PoE Output 370 W

Power Consumption

- PoE= 367.2W (Full loading with PD connect) ;
- System= 17.41W (Full loading without PD)

Dimensions

- 442 (W)x 44 (H) x 211.2 (D) mm

Weight

- 3.6 Kg

Ordering Information:

AirLive POE-GSH2004L-370 20-Port Gigabit + 4-Port UTP/SFP Combo Active PoE Web Smart Switch