



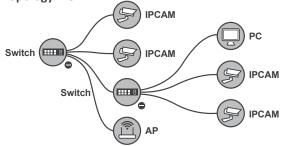
16 Port RJ45 with 2 Port SFP Topology PoE Switch POE-GSH1816R-250



Auto Topology Diagram

Automatically discover all network devices on your local network and draw out the topology diagram. Let you view and trouble shoot your network instantly.

Topology View





AP and IPCAM Management

Display the status and perform simple configuration on your wireless AP or IP Cameras Show IP camera's live view video on the E-Map or Google Map.





Emap and Google Map

Display the network devices on a floor plan or on the Google Map. You can view the status and manage your device by clicking on the device icons.





Supply Power to your PoE Devices

PoE-GSH1816R-250 can power up your PoE devices such as IP cameras or Access Point through the RJ45 cable with the gigabit connection. The total power supply is up to 250W which is enough if you use all of the port.

Device Guard

Monitor your PoE network devices such as IP cameras or wireless Access Point. Reboot the device when it is not responding. This provide self healing network that save you cost from sending technician and fix the problems immediately.



(www.airlive.com)

AirLive POE-GSH1816R-250 Security

Standard	Security
•IEEE802.3 10BASE-T •IEEE802.3u 100BASE-TX/100BASE-FX •IEEE802.3z Gigabit SX/LX •IEE802.3ab Gigabit 1000T •IEEE802.3x Flow Control and Back pressure	•Secure Shell (SSH)• IP Source Guard•Secure Sockets Layer (SSL)• RADIUS•Port Security• DHCP Snooping•IEEE 802.1X• Storm Control•Layer 2 isolation Private VLAN Edge (PVE)• Loop Protection
 IEEE802.3ad Port trunk with LACP IEEE802.1d Spanning Tree Protocol IEEE802.1w Rapid Spanning Tree Protocol IEEE802.1s Multicast Spanning Tree Protocol IEEE802.1p Class of service IEEE802.1Q VLAN Tagging IEEE802.3at/af PoE 	QoS •Hardware Priority Queue - Supports 8 hardware queues •Scheduling - Strict priority and weighted round-robin (WRR)
Interface •16 x 10/100/1000Mbp RJ45 ports •2 X SFP 100/1000Mbps ports	 •Queue assignment based on DSCP and class of service (802.1p/ CoS) •Classification Port based - 802.1p VLAN priority based •Rate Limiting - Ingress policer
PoE Port •16	 Egress Shaping and Rate Control per VLAN, per port and flow based
Switch Architecture	IPv6 Application
•Store and forward switch architecture •Back-plane up to 36 Gbps	•Web/ SSL •SNTP (Simple Network Time Protocol) •SNMP - v1/v2c/v3 •RADIUS •RADIUS •SNMP - v1/v2c/v3 •RADIUS
Switch Capacity and Forwarding Rate	•RADIUS Protocol)
•Capacity in Million of Packets Per Second (Mpps) : 26.784 Mpps •Switching Capacity in Gigabits per Second (Gbps) : 36 Gbps	Management Function
PoE Power Output • Max. 30 watts	 •Web GUI Interface •DHCP Server •Remote Monitoring (RMON) •Port Mirroring •UPnP •Topolog View, Floor View MAP View •Dual Image •SNMP v1, v2c, and v3 •UPnP
PoE Power Budget	
•250Watts	PoE
MAC Address • 8K	•Port Configuration - Supports per port PoE configuration function
	•PoE Scheduling - Supports per port PoE scheduling to turn on/off the
Jumbo Frames •Up To 9KB	PoE devices (PDs) •Auto-checking
Layer 2 Switching Feature	- Check the link status of PDs. Reboot PDs if there is no responses
•Spanning Tree - STP 802.1d - RSTP 802.1w - MSTP 802.1s	 Power Delay The switch provides power to the PDs based on delay time when PoE switch boots up, in order to protect switch from misuse of the PDs
•Trunking : LACP IEEE802.3ad - Link Aggregation Control Protocol (LACP) IEEE 802.3ad	Discovery
 Static aggregation VLAN : Support for up to 4K VLANs simultaneously 	•LLDP with LLDP-MED extensions
(out of 4096 VLAN ID) - Port-based VLAN - Private VLAN Edge (PVE) - 802.1Q tag-based VLAN - Q-in-Q (double tag) VLAN - Protocol based VLAN - Voice VLAN	Power •100-240 VAC 50~60Hz, Internal
 - IP subnet-based VLAN •DHCP Relay (Layer 2) •IGMP snooping - v1/v2/v3 	Dimensions •442(W)x 44(H)x 211(D) mm
 IGMP Querier IGMP Proxy MLD v1/v2 snooping Multicast VLAN Registration (MVR) 	Operating Temerature •0°C to 50°C
Layer 3 Switching	Storage Temerature
•IPv4 Static Routing •IPv6 Static Routing	•-20°C to 70°C
Ordering Information:	

AirLive POE-GSH1816R-250 16 Port RJ45 with 2 Port SFP Topology PoE Switch

Specifications