

10-port Gigabit POE Switch, 802.3af/at, 120W

10-port Gigabit incl 8x30W PoE, 2x1.25G SFP

POE-GSH802-120

airlive®



802.3af/at
30W

Gigabit
RJ45 & SFP

Surge / ESD
protection

Extend Mode
250m

Plug&Play

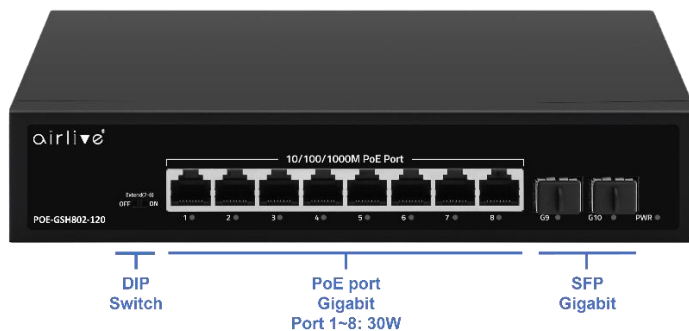
Overview

802.3af/at PoE Gigabit Switch, with 2x SFP Uplink

The AirLive POE-GSH802-120 Gigabit switch is compliant with 802.3af(15W)/802.3at(30W). It supports 8 Gigabit PoE+ ports and 2 Gigabit SFP Fiber uplink ports. The total PoE power is 120W. The AirLive POE-GSH802-120 switch is a plug and play unmanaged PoE switch with 250meter cabling extension, which can be easily set up via its DIP switch. The two SFP Gigabit Uplink ports help with connecting the switch to a larger network making it the most cost-efficient client switch for various applications at Home or Office.

Features

- All 10-port, each port delivers Gigabit high speed
- 8 x PoE port 10/100/1000Mbps (up to 30W)
- Extend the network further with 2 SFP slots that accept fiber transceivers and go beyond the limits of Ethernet
- PoE power, supports 802.3af/at PoE
- Internal Power, 120W
- Extended Mode: transmission of up to 250m in Extend Mode setting by hardware DIP switch (PoE Watchdog)
- Surge Protection; ESD Protection



PoE and Extend Mode

Connect several PoE devices to the switch, Access Points or normal IP cameras can connect to any of the PoE ports on the switch and be powered on up to max 30W (at).

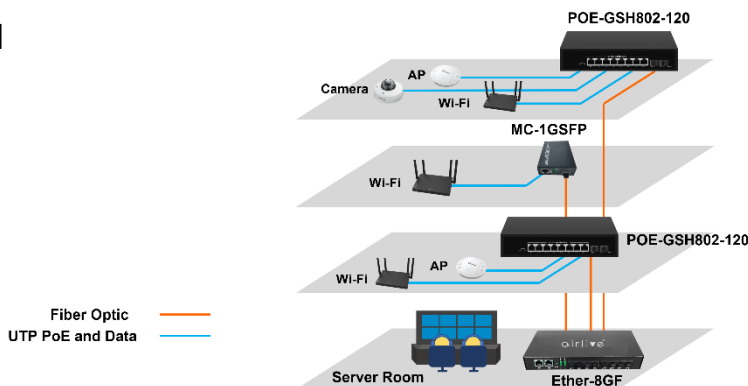
The POE-GSH802-120 switch can be set in Extend mode to reach a distance of up to 250m, this can be very useful in locations where it hard to get power to turn on your PD device. The Extend mode makes this easier.

The Extend mode is only for Port 7 and 8 on the switch and when enabled the transmission rate will be 10Mbps. PoE Watchdog is also enabled when Extend mode is on.

Fiber backbone for Long Distance and Interconnect between floors

Extend the network further with SFP slot.

Use the POE-GSH802-120 fiber port to connect different floors together in a large building or to the main office over a longer distance. Depending on the module used it can reach up to 20KM in distance with 1250Mbps data transmission rate.



Model	AirLive POE-GSH802-120
<p>Hardware</p> <ul style="list-style-type: none">• Device Interface: 8 x 30W PoE 10/100/1000 RJ45 2 x 1.25G SFP• Standard IEEE802.3u 100Base-TX / 100Base-FX IEEE802.3ab Gigabit 1000Base-T IEEE802.3z Gigabit (optical fiber) IEEE802.3af/at PoE IEEE802.3x• Industry standard compliant EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD), EN61000-4-5(Surge)• LED Indicators: PWR (power supply) Link and Data• Mechanical Metal <p>Power and PoE</p> <ul style="list-style-type: none">• Protocol: IEEE802.3at (30W), IEEE802.3af (15.4W)• PoE Port: 8• PoE Power Output / PoE Port: max. 30W (port 1~8)• PoE Power/ Switch: 120W <p>Surge and ESD protection</p> <p>Common mode 4KV, ESD: Air 8KV, Contact 6KV</p> <p>Switch Architecture Performance</p> <ul style="list-style-type: none">• Fiber Medium Multi-mode Fiber: 850nm, 1310nm Transmission Distance: 550m/2Km Single-mode Fiber: 1310nm, 1550nm Transmission Distance 20/40/60/80Km• Switching architecture: Store and Forward Switch Capacity: Back-plan up to 20Gbps Forwarding Rate; 14.88Mpps Memory cache: 448Kb MAC Address: 2K Jumbo Frame: 9216bytes Transfer mode: Store and forward MTBF:100000 hour	<p>DIP Switch Control</p> <ul style="list-style-type: none">• Default: Normal mode, all port can communicate with each other, the transmission distance is within 100m, the transmission rate is 10M/100/1000M adaptive• Extend: Extension mode, PoE power supply and data transmission distance can be extended to 250 meter at the transmission rate 10Mbps Port 7~8 only. PoE Watchdog will also be enabled when the Extend mode is in use. <p>Power Supply</p> <ul style="list-style-type: none">• Input Voltage: AC100~240V• Power Supply: 52V/2.3A (120W) Internal, (52V2.88A 150W in option). <p>Environment</p> <ul style="list-style-type: none">• Operating Temperature: -10°C~50°C• Storage Temperature: -40°C~70°C• Humidity: 5%~95%, non-condensing <p>Standard package of switch</p> <ul style="list-style-type: none">• Product size: 22 x 161 x 4.4 cm(L*W*H)• Package size: 31.5 x 21.5 x 8. cm(L*W*H)• Product Weight/Package Weight NW: 0.88kg; G.W:1.38kg• Package content: 1 x Switch, 1 x Power Cord. <p>Standard carton package</p> <ul style="list-style-type: none">• Quantity: 10 pcs / 1 carton• Dimensions 44.5 x 44.5 x 33.5 cm• Carton Weight 14.8Kgs <p>Ordering Information</p> <ul style="list-style-type: none">• Model: POE-GSH802-120: 8 x PoE 10/100/1000, 2 x 1G SFP slot, 120W

* Specification will be changed without prior notice

