POE-GSH410-60
POE-GSH411-60-AT
POE-GSH420-60
User Manual

Oct. 28, 2021

Ver. 2.0

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Disposal

	This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

For more detailed specifications please see the datasheet.
The datasheet can been found online on www.airlive.com

** Specifications are subject to change and improvement without notice.

1 Overview

5/6-Port Gigabit PoE Switch with VLAN and (SFP port POE-GSH411-60-AT)

Compliant with the PoE technology 802.3at/af, the AirLive POE-GSH411-60 Gigabit switch supports a standard power of 15.4W (802.3af) and has a max of 30W (802.3at) on Port 1~4 with either 1 SFP port and 1 Gigabit Uplink port (411), 1 Gigabit Uplink port (410), 2 Gigabit Uplink ports (420). The switch automatically detects and adaptively supplies needed power to connected PoE devices; for non-PoE devices, it will just transfer data intelligently.

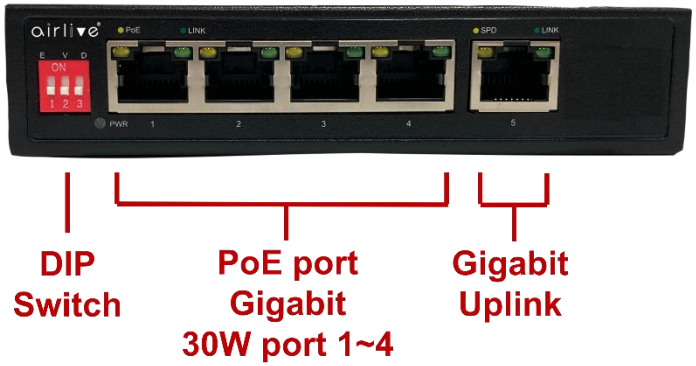
For the application where management is not really needed but VLAN is useful and budget is controlled, the AirLive POE-GSH410/411/420 can help. Using a smart DIP-switch to turn the POE-GSH410/411/420 VLAN feature and PoE Watchdog on. Moreover, the switch also supported a Extend mode which can support data and power up to 250meter at 10Mbps over Cat.5e cable that help where a PD is installed far away, and power source is hard to get.

1.1 Power On Switch

Power On the POE-GSH410/411/20-60 Switch.
The Switch is powered by an AC/DC power adapter working at 52V and 1.15A. Please use the adapter which came with the switch to power it on.

1.2 Switch Connections

DIP Switch Control.
Extend (E): Link Extension mode, PoE power supply and data transmission distance can be extended to 250 meter at a transmission rate of 10Mbps.
VLAN (V): Port isolation mode. In this mode PoE Ports (1~4) cannot communicate with each other and can only communicate with the UP-Link port.
Watchdog (D): Enable the PoE port self-healing network restart function. When a connected PD devices does not send data, the switch will repower the device automatically.



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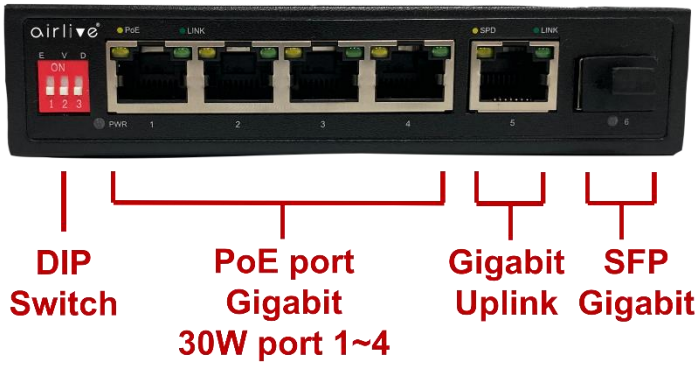

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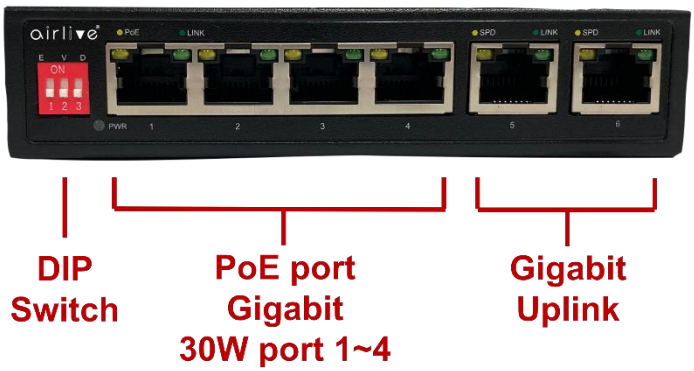

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LED Information.

Symbol	Indicator Function	State	Description	Colour
PWR or P	Work indicator	On	Normal	Green
		Off	Switch no power supply or failure	
		Blink	System abnormality or failure	
PoE	PoE	On	Normal power supply	Yellow
		Blink	PD device failure or power overload	
		Off	No connected PD or PoE power off	
Link	Network	On	Link is ok	Green
		Blink	The link port is receiving/sending data	
		Off	Link failure or port failure	
L/A or F	Optical fiber	On	The optical fiber port is ok	Green
		Blink	The optical fiber port is receiving/sending data	
		Off	Optical fiber failure or port failure	
Speed or 1000M	Port rate	On	Gigabit transmission	Green
		Off	Non-gigabit transmission	
Function Switch				
E	250m	Turn the switch to the symbol, then the function is turned on	Enable the PoE port 10M/250m long-distance transmission function	
V	VLAN		Enable PoE port VLAN isolation function	
D	Watchdog		Enable the PoE port self-healing network restart (watchdog) function	