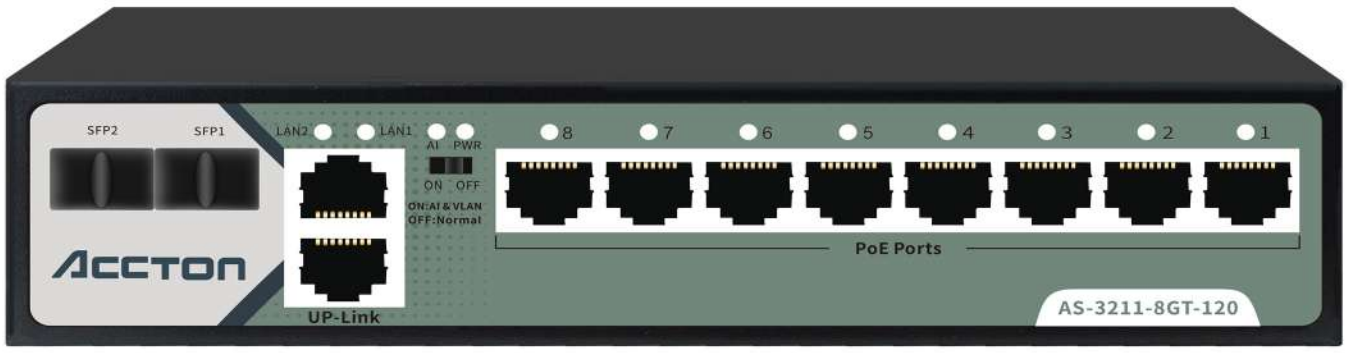
8-PORT 100/1000MBPS GIGABIT SWITCH | AS-3211-8GT-120



AS-3211-8GT-120 full gigabit POE switch provides 10 10/100/1000M adaptive RJ45 ports, 2 standard SFP expansion slots, while ports 1 to 8 have POE power supply function, can be used as Ethernet power supply equipment. All POE ports can automatically detect and identify the received devices that comply with IEEE 802.3af/at standards, and supply power to them through network cables. This model supports AI intelligent detection. When the monitoring device crashes or other abnormal network interruption, the AI algorithm determines the intelligent restart of the POE port device. Automatic network optimization: automatically determine the status of network signal transmission.



PRODUCT FEATURES & FUNCTIONS

- Follow the IEEE 802.3 Ethernet and IEEE 802.3u Fast Ethernet protocol standards;
- Support the 802.3af/at standard protocol, compatible with IEEE802.3af/at supported power receiving equipment (PD)
- Supports common switch/automaticAI detection + port isolation(Combined function) Second gear mode
- Provided 8 10/100/1000M adaptive POE RJ45 ports, 2 1000Mbps cascading port and 2 1.25G SFP expansion ports;
- All ports support the function of automatic flipping (Auto MDI/MDIX);
- Support IEEE802.3X full-duplex flow control and Back-pressure half-duplex flow control;
- All ports have line-speed forwarding capability.
- Support the independent learning and aging of MAC addresses;
- All-metal shell, and the whole machine is fully loaded with 120W*;
- plug and play;

PRODUCT PARAMETERS

INDICATOR DEFINITION：

Indicator Light	Definition	Function Description
PWR	Power Indicator	Switch power indicator lightis on: The device has been powered on.
AI	AI Mode Start	Lightup:The function switch is in the ON gear,and the AI+VLAN function is turned on.
Port Indicator	Link/ACT	Lightup: theconnection is normal. Blinking: the data is being transferred

SWITCH SPECIFICATION：

Gear Position	Definition	Functional Description
ON	AI + VLAN	Enable local WEB management and APP remote management functions
OFF	Default	Default transmission mode, AI not enabled

4. BASIC SPECIFICATION:

Item	Data
Port Composition	Provided 810/100/1000 Madaptive POE RJ45ports, 21000Mbps cascading portand 21.25GSFP expansion ports
Backplane bandwidth	14G
MAC Address	2K
Packet forwarding rate @ 64byte (throughput)	17.856 Mpps
Powersupply	AC input 100-240V,standard configuration 120W power supply
Network media and transmission distance	1000 Base-T:4pairs of Super 5 category(Cat5e)or above UTP/STP(≤100m) 100 Base-TX:2 pairs of 5Category (Cat5) or above UTP/STP(≤100m) 10 Base-TX:2 pairs of super 5 category(Cat5e) or above UTP/STP(≤250m) passive implementation
Supply Line Sequence	12/36、45/78 all line sequence

5. SOFTWARE SPECIFICATION:

Item	Data
Basic functions	Follow the IEEE802.3 Ethernet and IEEE802.3u Fast Ethernet protocol standards Compatible with powered devices (PD) that conform to the IEEE802.3af/at standard. Compatible with certified non-standard powered devices(PD). Store and forward The independent learning and aging of MAC addresses. IEEE802.3Xfull-duplex flow control and Back-pressure half-duplex flow control

Ethernet protocols and standards	IIEEE802.3 Ethernet Media Access Control Protocol IEEE802.3i10 BASE-T Ethernet IEEE802.3u100 BASE-TXFast Ethernet IEEE802.3ab1000 BASE-T Gigabit Ethernet IEEE802.3z1000 BASE-XSFP interface IEEE802.3afToachieve the power supply of Ethernet devices through Ethernet data lines or devices IEEE802.3atToachieve high-power power supply of Ethernet devices through Ethernet data lines or devices IEEE802.3xTraffic control
Data transmission rate	Ethernet 10Mbps half-duplex, 20Mbps full-duplex Fast Ethernet 100Mbps half-duplex,200Mbps full-duplex Gigabit Ethernet 2000 Mbps Full-Duplex
System Mode	ON：AI+Port isolation OFF: Default operating mode

6. POE PERFORMANCE:

Item	Data
IEEE802.3af , IEEE802.3at	Support
The Maximum Power Output Of The Port	30W
Overcurrent protection, Overvoltage protection	Support
Shortcircuit protection	Support
Sequential startup (to avoid excessive instantaneous current)	Support
High power PD soft start.	Support

7. ENVIRONMENTAL REQUIREMENTS:

Environment	Parameter
Temperature	Working temperature:0℃～40℃ - Storage temperature:-40℃～70℃
Humidity	Working humidity: 10%~90% RH non-condensing Storage humidity: 5%~90% RH non-condensing
Altitude	Working altitude: Maximum 6500 feet (2000meters) Storage altitude: Maximum 6500 feet (2000meters)

8. PRODUCT WEIGHT:

Category	Weight
Naked Machine Without Packaging	Approximately 0.75kg
The Entire Box Weight (20PCS)	Approximately 21kg

9. LIGHTNING SURGE PROTECTION（10/700US）

Performance	Data
Differential Mode	4KV
Common Mode	4KV

PRODUCT SIZE

