

AN5082E 8+2 Port PoE Switch



Overview:

The AN5082E is 10-port POE switch. It has 4 working modes, VLAN mode, Extend mode, PoE, QoS mode. All ports are free to communicate by default; In VLAN mode, 1 -8 ports are isolated from each other, which can effectively restrain network storms and improve network performance. In Extend mode, the effective transmission distance of 1-8 ports can reach 250 meters, which is suitable for remote monitoring and power supply. In the PoE mode, the switch automatically detects the working status of the PD device and finds that the device abnormal automatically restarts the device. In QoS mode, the video data will be processed preferentially when the device is congested to make the video smoother

The device supports IEEE 802 af/at standard, which can automatically detect and identify the PDs that comply with the IEEE 802 af/at standard and provide power for them, so there is no need to worry about PoE or non-PoE devices.

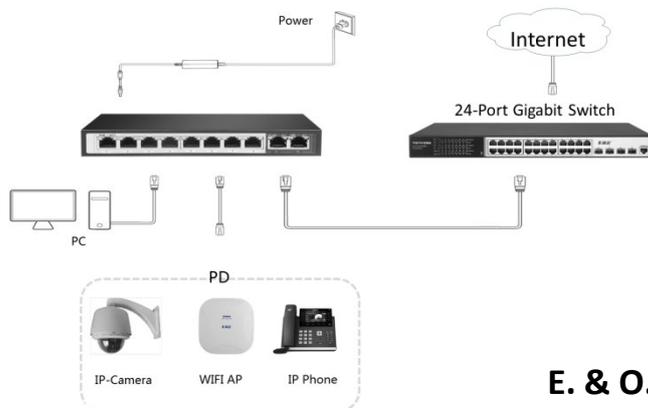
Key Features

- **Extend:** 1-8 port supports 250M meters long distance power supply (recommended cat 5 or above)
- **VLAN:** Isolates ports 1-8 from each other, restrain network storms effectively & improve network performance
- **QOS:** Customize application prioritization and increase network sensitivity. For example, video priority, monitoring transmission more smoothly
- **PoE:** Auto detection of port power, will power off & restart the device if it finds dead terminal device.
- Supports IEEE 802.3af/at standard, automatically detects and identifies devices that comply with the IEEE 802.3af/at standard and supplies power to it
- Support Auto MDI/MDIX;
- Adopts store-and-forward exchange method
- Intelligent power supply, the lowest power consumption, ensures PD power needs
- With power circuit protection, protects the safety of PD
- No configuration characteristics of the power supply is automatically supplied to the adaptive equipment;
- Fanless energy saving design ; no noise, reduces the impact on the environment
- Compact design size.
- Supports port without link power saving function
- All ports have wire-speed forwarding capability
- Plug and play, easy to use.

Technical Specification

Network Port	· 8 10/100Mbps PoE RJ45 port (port 1~port 8)
	· 2 10/100Mbps non-POE RJ45 port(port 9~port 10)
Transfer Rate	·100Mbps full Duplex, 10 or100Mbps Half Duplex
Network protocol and standard	·IEEE802.3i, IEEE802.3u, IEEE802.3x, IEEE802.3af IEEE802.3at
Performance	·Bandwidth: 2Gbps(no block)
	·Network delay(100 to100Mbps): maximum 20 μs (using 64 byte packet)
	·Frame filtering and transmission rate:
	10M port maximum 14,800pps 100M port maximum 148,800pps
LED indicator	·Power
	·LINK/ACT
POE Pin	1/2(+), 3/6(-);
Power	·Max. output power single port: 30W
	·Max Power supply: 96W
Dimensions	·Size (LxWxH): 184mm*94mm*27mm
	·Weight: 0.5kg
Environment	·Operating Temperature: 0°~40°C
	·Operating Humidity:: 10%~90%, Non-condensing
Certification	·CE/ROHS/FCC
Package	PoE switch, power adapter, power cord & user manual

Installation diagram



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