

PoE Switch

(SG1622P-DPM)

Product Description

This PoE switch has 18 10/100/1000Base-T Ethernet ports, 2 1000Base-X SFP slot. 15 ethernet port support IEEE802.3 af/at Ethernet power supply standards for PoE power supply, with a maximum power supply of 25.4W per port. And 1 port supports IEEE 802.3BT (PoE++) Ethernet power supply standards, with a maximum power supply of 60W. As a PoE power supply device, this switch can automatically detect whether the powered device supports PoE power supply. It only supplies power to compliant powered devices, effectively preventing damage to non-PoE powered devices.

This PoE switch can force ports 1 to 16 to operate at 10M by DIP switch, allowing transmission up to 250m through existing twisted pair cables. Ports 1 to 16 are isolated from each other but can communicate with the upstream ports (17-20), which can effectively isolate collision domains and broadcast domains, reduce broadcast storms, and improve network communication efficiency. It is an ideal choice for video surveillance networks in hotels, shops, supermarkets, residential homes, and small and medium-sized enterprises.



Product Features

- 16 10/100/1000Base-TX PoE ports, 2 10/100/1000Base-T uplink port, and 2 1000Base-X SFP uplink slot.
- Ethernet port support IEEE802.3 BT/af/at protocol
- It supports one-key switching to VLAN mode and 250m long-distance transmission mode.
- Supports digital tube to dynamically display POE online utilization rate;
- All ethernet ports support half/full duplex adaptive and automatic MDI/MDI-X functions;
- All ethernet ports support line-speed forwarding, making transmission smoother;
- Support desktop and wall-mounted installation;
- Plug and play, simple operation, no configuration required;
- Metal shell and built-in power supply design, it has excellent heat dissipation and ensures stable operation of the product for a long time.
- **Extra option:** 6KV commo mode/4KV differential mode surge protection function;
- **Extra option:** AI network self-healing (watchdog) function;

Product Parameters

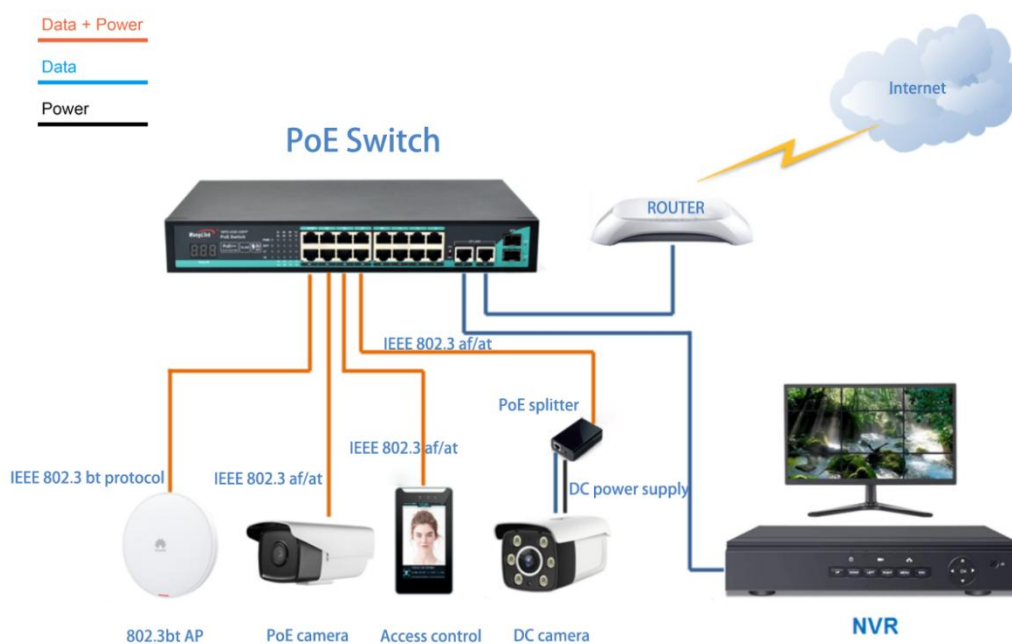
Standards & Protocol	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX standards IEEE 802.3af/at/bt Power Over Ethernet IEEE 802.1p tagged frames IEEE 802.3x flow control
Interface information	Single-mode SFP: 2 1000Base-X SFP optical ports (uplink port)
	Transmission rate: 1.25G
	Multi-mode: 550m/2km; Single-mode: 2/20/40/60/80/100km
	Multi-mode: 850nm/1310nm, single mode: 1310nm/1550nm/1490nm
	Downstream ethernet port: 16 10/100/1000M Base-T ports (supports POE, POE+, POE++)
	Uplink ethernet port: 2 10/100/1000M Base-T ports (uplink ports)
	10/100/1000Mbps adaptive
	10Base-T: ≤250m (CAT3,4,5 UTP)
	100Base-TX: ≤100m (CAT3,4,5 UTP)
	1000Base-T: ≤100m (CAT3,4,5 UTP)
Mechanical properties	Shell material: metal shell
	Appearance dimensions (length*depth*height):311×182×44mm
	Installation method: Desktop
	Heat dissipation method: natural cooling, no fan
	Weight: 1.4KG
Environmental properties	Working temperature: -20℃～+60℃
	Storage temperature: -20℃～+85℃
	Relative humidity: 5% ~ 95% (non-condensing)
Exchange properties	Bandwidth:40Gbps
	Packet forwarding rate (whole machine) : 29.76Mpps
	Exchange method: store-and-forward
	MAC table : 8K
	Case space : 4m
	Jumbo frame: 10k
Power supply	Input voltage: AC100~240V, 50Hz

	Power consumption: < 10W, full load: ≤200W
PoE pin	802.3AF/AT/BT(1/2+, 3/6-)
Indicator	Ethernet port (fluctuation switch control):
	➤ Link/Act: Green(10/100/1000M)
	➤ PoE indicator light: Yellow
	➤ Vlan off
	➤ Vlan on
	Fiber port: Green(Port 19-20))
	PWR: Green
Warranty	3 year

Product Size



Application



Note: If there is no data communication on the AI version POE switch port, the port will automatically restart after about 3 minutes