



DATASHEET

PoE Switch

Ethernet POE power supply switches independently developed by our company. It provides 10/100/1000Mbps adaptive RJ45 ports.

All power supply ports can automatically detect and identify powered devices that comply with IEEE 802.3af/at standards.

Features:

1. Comply with IEEE 802.3 Ethernet and IEEE 802.3u Fast Ethernet protocol standards
2. Supports IEEE802.3af/at standard, compatible with PDs that support IEEE802.3af/at
3. Support ordinary switch/automatic AI detection + intelligent super remote, two modes.
4. Provides 4,8,16 10/100M POE ports and 2 10/100M uplink ports
5. All ports support Auto MDI/MDI-X function
6. Supports IEEE802.3X full-duplex flow control and Backpressure half-duplex flow control
7. All ports have wire-speed forwarding capabilities
8. Supports autonomous learning and aging of MAC address
9. Full metal casing, power output 65W-250W
10. plug and play

Indicator light definition :		4 Port	8 Port	16 Port	24 port
PWR	Power supply LED				
PWR	Ai Mode ON				
Port LED	Link/ACT				
Basic specifications					
Port	4*100Mbps POE Ports + 2*100Mbps Uplinked	8*100Mbps POE Port + 2*1000Mbps Uplinked	8*100Mbps POE Port + 2*1000Mbps Uplinked+1*1000Mbps SFP	16*100Mbps POE Port + 2*1000Mbps uplinked+1*1000Mbps SFP	
Backplane bandwidth	1.2G	2G	2G	9.2G	
MAC Address	2K				
Power supply	AC Input 100-250V, 65W Power supply	AC Input 100-250V, 120W Power supply	AC Input 100-250V, 120W Power supply	AC Input 100-250V, 250W power supply	
Network media and transmission distance	1000Base-T: 4 to Cat5e or higher UTP/STP(≤100m) 100Base-TX: 2 to Cat5 or higher UTP/STP(≤100m) 10Base-TX: 2 to Cat5e or higher UTP/STP(≤250m)				
Software specifications					
Basic functions	Comply with IEEE 802.3 Ethernet IEEE802.3u Fast Ethernet protocol standards Compatible with PDs compliant with IEEE 802.3af/at standard Compatible with certified non-standard PD store and forward MAC automatic learning and aging IEEE802.3X full-duplex flow control & Backpressure half-duplex flow control				
Ethernet protocols and standards	IEEE 802.3 Ethernet Media Access Control Protocol IEEE 802.3i 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3af enables powering Ethernet devices through Ethernet data pairs or devices IEEE 802.3at realizes high-power power supply for Ethernet devices through Ethernet data wire pairs or devices IEEE 802.3x flow control				
Data transmission rate	Ethernet 10Mbps half duplex, 20Mbps full duplex Fast Ethernet 100Mbps half duplex, 200Mbps full duplex Gigabit Ethernet 2000Mbs Full Duplex				
POE performance					
IEEE802.3af	Support				
IEEE802.3at	Support				
Port MAX output	30W				
Overcurrent protection	Support				
Overcurrent protection	Support				
Short circuit protection	Support				
Environmental requirements					
Temperature	Working temperature: 0°C~40°C Storage temperature: -40°C~70°C				
Humidity	Working humidity: 10% ~ 90% RH non-condensing Storage humidity: 5% ~ 90% RH non-condensing				

Altitude	Working altitude: Maximum 6500 feet (2000 meters) Storage altitude: Maximum 6500 feet (2000 meters)			
Weight				
Bare Metal	0.7KG	0.7KG	0.7KG	1.25KG
FCL(10PCS)	18KG	18KG	18KG	17KG
Lightning surge protection (10/700us)				
Differential mode	4KV			
Common mode	4KV			
Dimensional specifications				
Bare Metal	190mm*140mm*43mm	190mm*140mm*43mm	190mm*140mm*43mm	270mm*180mm*45mm
Complete machine	220mm*195mm*52mm	220mm*195mm*52mm	220mm*195mm*52mm	310mm*244mm*77mm

Thank You

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