



16-Port Gigabit 275W PoE Switch + 2-Port SFP Uplink - Desktop/Rack Mount - Unmanaged - 1U - IEEE802.3af/at

NS-201-16 - Specifications

Description

This is a 16+2-port gigabit Ethernet switch, providing 16x 10/100/1000Mbps PoE+ ports and two SFP ports. The switch provides power and network to PoE+ compatible devices such as access points, CCTV cameras, voice over IP phone, etc., eliminating the need to power the devices separately.

Features

- 16 x 10/100/1000M unmanaged PoE ports - IEEE802.3af/at
- Ports 1-16 supports IEEE802.3af/at - Max. 30W
- 2 x Uplink Gigabit SFP port
- Internal power supply
- Support auto MDI/MDIX
- Network Topology: Star/Bus/Tree Topology
- Solid high-strength metal shell

Physical Characteristics

Dimensions	440 x 44 x 280 mm
Shell	Metal Material
Height	1U
Operating Temperature	-10°C to 50°C
Storage Temperature	-40°C to 70°C
Operating Humidity /	
Storage Humidity	5% to 95% (no condensation)
Thermal Methods	Fan cooling
Power Supply	100 - 240 VAC ~ 50/60Hz
Total Power consumption	≤300W
Main board power	<15W
Ports	16 x Gigabit PoE ports
Uplink Ports	2 x Gigabit SFP fiber optical port
Port Type	RJ45 port, Full duplex, MDI/MDI-X adaptive
PoE Power Supply	PoE Standard: IEEE 802.3af, IEEE 802.3at PoE Power Pin: Support 4-core power supply, and Ethernet cable 1/2+/3/6- provide power supply. PoE Port: Ports 1 to 16 PoE Output: 52V/0.6A Max. Maximum Port Power: 30 W PoE Power Budget: 275 W SFP Port Module: 3.3V/ 300mA



Cable type & Transmission Distance	Twisted-pair: 0-100m Singlemode Optical Fiber: 20/40/60/80/100km Multimode Optical Fiber: 550m
Mounting Ears	Yes
Network Topology	Ring Topology: Not support Star/ Bus/ Tree Topology: Support



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Performance

Network Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z
MAC Address Table	8K
Transfer Mode	Store-and-forward switching
Forwarding Delay	<10us
Switching Capacity	52 Gbps
Packet Forwarding Rate	26.78 Mpps
Internal Cache/Buffer	4.1 Mbits
MDI/MDIX	Support
Jumbo Frame	10Kbytes
MTBF	100000 hours
Surge protection of Ethernet port	IEC 61000-4-5 Level 4 (6/2KV) (10/700us)
DIP	IEC 61000-4-11 Level 3 (10V)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free Fall	0.5m

SFP Compatibility

TR-SFP-1G-LXG	1000base-LX SFP 1310nm SM LC Transceiver, 10km
TR-SFP-1G-SXG	1000base-SX SFP 850nm MM LC Transceiver, 500m
TR-GLC-T	Cisco® GLC-T Compatible 1000BASE-T SFP Copper RJ45 Transceiver

Approval

c(ETL)us	Yes
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Environmental

RoHS	Yes
FCC, CE	Yes

Packaging Information

Package Quantity	1
Product Weight	7.78 lbs [3.53kg]

