

VIS-SWITCH48-P48 48-Port PoE Network Switch Datasheet V1.0



1. Product Overview



The VIS-SWITCH48-P48 is a high-performance PoE switch equipped with 48 Gigabit Ethernet ports and 4 Gigabit Ethernet SFP ports. Independently developed and designed for building high-performance Gigabit network requirements, it offers a comprehensive security protection system, complete QoS policies and rich VLAN functions. With simple management and maintenance, it can be applied to the core layer of small and medium-sized enterprises, residential districts and schools.

2. Features

- Supports Port/MAC/IP/VLAN ID binding for fast user identification and easier management.
- 700 MHz CPU with 12 MB cache, 16 MB/flash, and 128 MB/RAM.
- Supports IEEE 802.1Q and Voice VLAN for secure, efficient networking.
- Built-in security system ensures stable, reliable performance.
- Provides QoS and ACL control for efficient multi-service operation.
- Supports Voice VLAN with QoS priority for voice traffic.
- Supports port aggregation and spanning tree for link redundancy.
- Compatible with STP, RSTP, MSTP, EPPS, and EAPS protocols.
- Supports CLI, Web, SNMP, and SSH management.
- Visual PoE interface for unified monitoring and control.
- Supports scheduled reboot and system maintenance tools.
- Includes diagnostics, cable testing, and log functions.

3. Performance Parameters

Model	VIS-SWITCH48-P48
Fixed Ports	48× 10/100/1000M PoE electrical ports 4× SFP optical ports
PoE Standards	IEEE 802.3af/at/PoE++/bt, maximum 90W per port
PoE Interfaces	1-4 (bt), 5-48 (at)
Management	1× Console port
Reset Button	1× Reset
Backplane	256Gbps
Forward Rate	74.88Mpps
CPU Frequency	MIPS-34Kc Up to 700MHz
RAM	128MB
MAC Table	16K
Buffer	12MB
FLASH	16MB
Transmission Mode	Store-and-forward
Operating Temperature/ Humidity	0°C~5°C; 10%~90% non-condensing
Storage Temperature/ Humidity	-40°C~70°C; 5%~95% non-condensing
Size(L×W×H)	440×360×45 mm(product) / 515×375×95mm(packaging)
Weight	5.5 kg (net) / 6.3 kg (gross)
Power Supply	AC 100-240V 50/60Hz 9A (600W)
Total Power Consumption	≤600W

About VISSONIC Electronics Limited

Our mission is to develop and manufacture the most comprehensive and innovative audio visual products for our clients. We provide the best performance/price ratio products because it could give you satisfaction just from the time you use them, we believe the good design with cutting edge technology on products will provide value to all our partners and end users. Listen to your demands, we fulfill it.

The logo for VISSONIC features the word "VISSONIC" in a bold, italicized, black sans-serif font. The letter "S" is highlighted in a vibrant green color, creating a focal point in the brand name.

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