AVYCON

AVN-S24-16P08G

16 x GIGABIT SFP + 8 GIGABIT RJ45 PORT L2+ MANAGED SWITCH
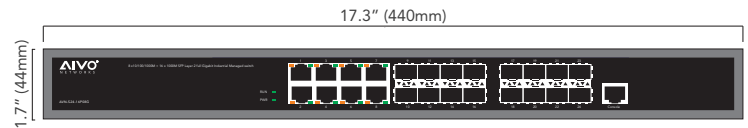
OVERVIEW

- Conforms to IEEE802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z protocols
- Provides 8 x 10/100/1000Base-TX ports and 16 x 1000M SFP ports
- High back-plane bandwidth of 64Gbps
- Supports Standard IP/ Extend IP / MAC IP / ARP ACL
- IGMP Snooping / IGMP Query mode for multi-media application
- Port mirroring and bandwidth control
- Supports GVRP function
- Supports IEEE802.3x Flow control
- Supports Port Based VLAN / 802 .1Q Tag VLAN
- Supports IEEE802.3ad Port trunk with LACP
- Support Spanning tree protocol IEEE 802.1d
- Supports IEEE 802.1p class of service
- Supports IEEE 802.1x user authentication
- Supports broadcast storm filtering
- Supports DHCP server and client modes
- Supports system event log
- Supports CLI management
- Management by Web / SNMP / Telnet / Console Port
- Surge protection for power port and data ports

DIMENSIONS

Unit : inch(mm)

17.3" (440mm)

1.7" (44mm)

SPECIFICATIONS

SUMMARY	
Fixed Port	8 10/100/10000Base-TX ports
	16 1000M SFP ports
	1 Console port
LED Indicators	PWR, Link/Act LED.
Input Voltage	100V~240V, 50/60Hz
Power Consumption	<30w
Operating Temperature	0C ~40C
Storage Temperature	-10C~70C
Relative Humidity	20%~85% (non-condensing)
Thermal Methods	Fanless
LAYER 2 SWITCHING	
Switching Capacity	64G
MAC Address Table	8K, Support MAC address table management
MAC Address Binding	Supported
MAC Address Filtering	Supported
MAC Address Learning Control	Control number of port-based MAC address learning
Jumbo Frame	Jumbo packets up to 16379 bytes
Port Feature	Port Control, Port Isolation, Port Self-Loop Detection
Port Mirroring	Supported
VLAN	4k 802.1q VLANS, MAC-based VLAN, IP-base VLAN, Voice VLAN, VLAN Mapping, QinQ
Link Agression	Up to 8 maximum aggregation groups, each containing up to 8 GE ports
Traffic Control	IEEE 802.3x full-duplex flow control
Rate Limit	Unit: 64kbps
Spanning Tree	IEEE 802.1d Spanning Tree Protocol (STP)
	IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
	IEEE 802.1s Multiple Spanning Tree Protocol (MSTP
Ring Protocol	Supports EAPS
Multicast	Supports 256 Multicast groups. Support IGMP snooping.
LAYER 3 SWITCHING	
Static ARP	Supported
Static Routing	Supported
L3 VLAN Interface	Up to 32 L3 VLAN Interface
CONVERGENCE	
QoS	4 output queues on each port
	Supports flexible queue scheduling algorithims: WRR, Q+WRR
	Supports port-based / MAC-based / 802.1p / DSCP classification
SECURITY	
ACL	Supports Standard IP / Extend IP / MAC IP / ARP
Security Features	Supports 512 Entries
	Supports MAC-based 802.1X authentication
	Supports AAA/RADIUS authentication
	Supports WEB/Telnet password protection
	Supports Accessing priviledge mode password protection
Self-Protection	Supports CPU Self-Protection
MANAGEMENT	
CLI	Supports CLI (Commend Line Interface) configuration mode
Console	Supports Configuration via the console port
Telnet	Supports Local/remote configuration via Telnet
WEB	Supports WEB management system
SNMP	Supports System configuration with SNMP v1/v2/v3
User Management	Supports Multi-user management
System Log	Supported
Configuration File Download/Upload	Supports Download/Upload configuration via WEB/TFTP
Upgrade Firmware	Supports Upgrade Firmware via WEB/TFTP/Console
DEBUG	
PING	Supported
TRACEROUTE	Supported
Telnet Client	Supported
Process View	Supported