AVYCON®

AVN-M18-2P16W270G

NDAA COMPLIANT | CE | FC

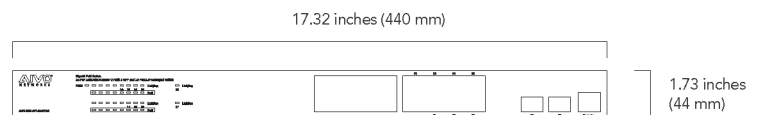16 PORT L2+ Full Managed POE Switch

OVERVIEW

- IEEE802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE802.3af, IEEE802.3at
- Provides 16 10/100/1000 Base-TX ports and 2 Gigabit SFP uplink ports
- Highly efficient 270W Integrated Power Supply with up to 250W available for PoE
- High back-plane bandwidth of 36Gbps
- IGMP snooping and IGMP Query mode for Multi-media application
- Full L2+ Management control via Web/SNMP/TELNET/-CONSOLE and Command Line Interface
- Supports GVRP function and Port Based VLAN / 802 .1Q Tag VLAN
- IEEE802.3x Flow control features
- Supports IEEE802.3ad Port trunk with LACP
- Supports multiple IEEE 802.1 networking protocols include IEEE 802.1d, IEEE 802.1p, IEEE 802.1x and more.
- Advanced surge protection for power and data ports
- EMI standards complies with FCC, CE class B

OPTIONAL ACCESSORIES

DIMENSIONS

Unit : inch(mm)

17.32 inches (440 mm)

1.73 inches (44 mm)

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SPECIFICATIONS

DESCRIPTION	
Fixed port	16x10/100/1000Mbps PoE ports and 2 Gigabit SFP ports
Standards and protocols	IEEE802.3 10Base-T Ethernet standard
	IEEE802.3u 100Base-TX Fast Ethernet standard
	IEEE802.3ab 1000Base-T Ethernet standard
	IEEE802.3z Gigabit Ethernet (fiber)
	IEEE802.3x Full duplex flow control and
	Backpressure Half duplex flow control
	IEEE802.3ab Link aggregation
Forwarding Rate	10/100/1000Mbps
LED Indicators	Power, Link/Act, PoE
AC Input Voltage Range	100V~240V AC, 50/60Hz
Power consumption	20W
Operating temperature	0℃ 40℃
Storage temperature	-10℃ 70℃
Relative humidity	20%~85% (non-condensing)
Switching Fabric	36G
MAC Addresses	8K
PoE Compliance	100% IEEE 802.3af, 802.3at compliant
PoE Classification	PSE (Power Sourcing Equipment)
PoE Voltage	+52 VDC
PoE Power Budget	270W
PoE Port Capacity	Up to 30 W per port
PoE Operation	Automatic detection and power management
PoE Pin Assignments	V+ (Pin 3, 6), V- (Pin 1, 2)
PoE Disconnect Mode	DC disconnect
Casing	Metal
Dimensions (W x L x H)	440 mm x 200 mm x 44 mm
Installation	Rack mounting or Desktop