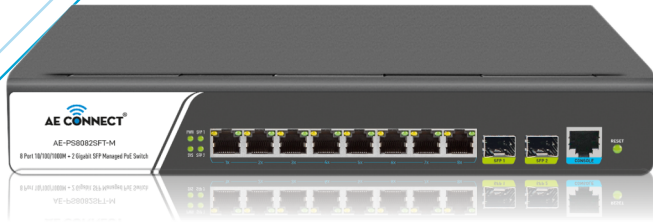


AE-PS8082SFT-M

8-PORT 10/100/1000MBPS MANAGED POE SWITCH WITH 2 GIGABIT SFP UPLINK



Provide 8x10/100/1000Mbps PoE ports and 2x100/1000Mbps SFP Uplink, 1 Console port IEEE802.3af/at Power over Ethernet (PoE) Compliant Total power budget of 120W and 30W for all single PoE ports RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX Support remote web managed, VLAN and storm control and IPV6 management etc. Plug and play, No configuration required

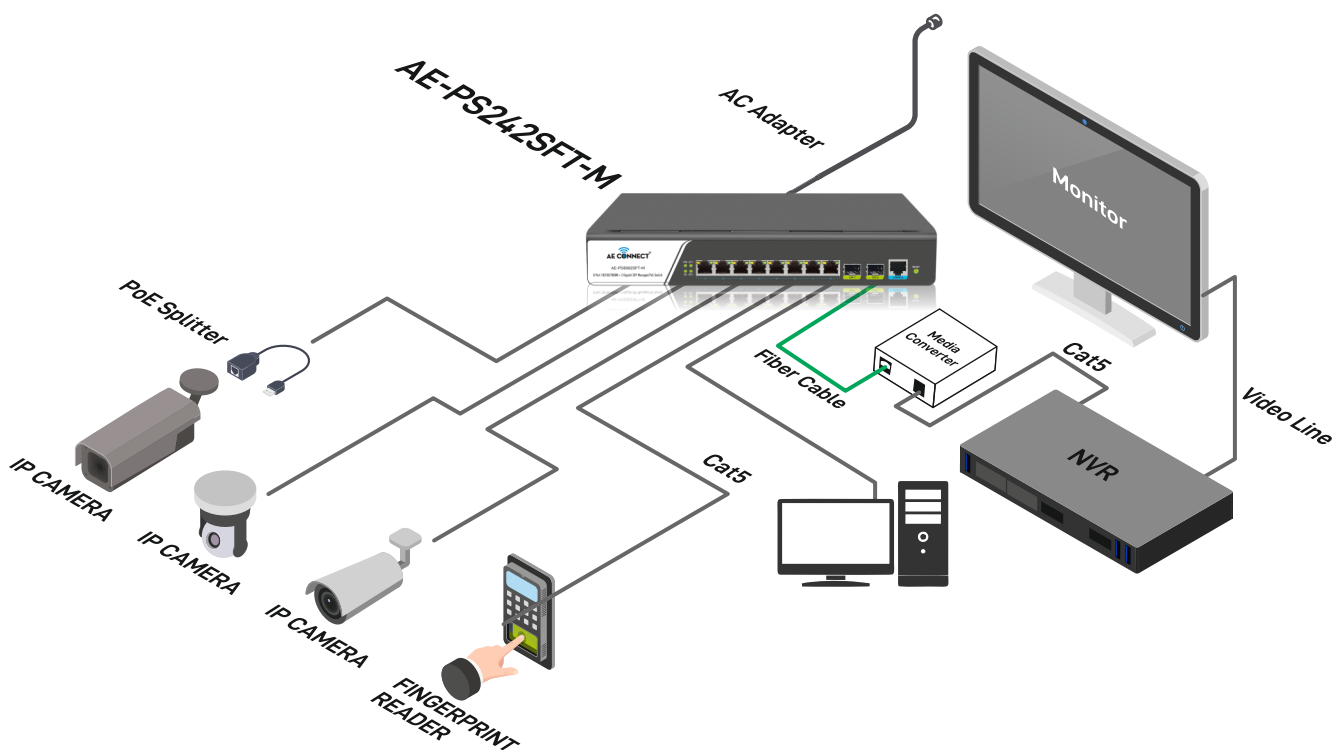
PRODUCT PROFILE

Featuring 8x10/100/1000Mbps PoE ports which support IEEE802.3af/at standard and 2x100/1000Mbps SFP Uplink. the PoE switch provides Maximun power budget of 120W and 30W for single PoE ports sepectively, allowing users to have several different Networking products configured. The PoE switch provides

Maximun power budget of 120W and 30W for single PoE ports sepectively, allowing users to have several different Networking products configured. Reaching 6KV surge protection, the PoE ports owns the capacity to keep the PoE Switch from lightning strikes and other electrical surges, offering more reliable performance even in some harsh environments.

With 2 SFP module slot available, the SFP uplink port is ideal for connecting the switch to the network's backbone, providing more than enough bandwidth and stability for ultra high speed data transferring, Beside the SFP can transmitte the date with Max 100Km distance with more economic solution.

APPLICATION DIAGRAM



AE-PS8082SFT-M

**8-PORT 10/100/1000MBPS MANAGED
POE SWITCH WITH 2 GIGABIT SFP UPLINK**

TECHNICAL SPECIFICATION

Model	AE-PS8082SFT-M
Hardware Specifications	
Connector	8 10/100/1000BASE-T RJ45 auto MDI/MDIX ports 2 1000 Base-X SFP Slots 1 Console port
PoE Port	8 10/100/1000Mbps POE PSE port
LED Display	Power Indicator: PWR(green). Network Indicator: Link(yellow) PoE Working Indicator: PoE(green)
Thermal Fan	Fanless Design
LED indicators	Power Indicator: PWR (green). Network Indicator: Link (yellow) PoE Working Indicator: PoE (green)
Switch Architecture	Store and Forward
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex
Switch Performance	Backplane bandwidth 32Gbps Packet forwarding rate 14.88Mpps MAC address 8k
Power requirement	AC100-240V 50/60Hz ESD Protection 6KV ESD
Dimension(W×D×H)	310mm x 180mm x 44.5mm(10.62in x 7.09in x 1.75in)
Power over Ethernet (PoE) Specifications	
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab 1000BASE-T IEEE802.3x Flow Control IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet IEEE802.3az EEE

AE-PS8082SFT-M

**8-PORT 10/100/1000MBPS MANAGED
POE SWITCH WITH 2 GIGABIT SFP UPLINK**

TECHNICAL SPECIFICATION

PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE
PoE Supply Type	1/2(+), 3/6(-) End-span
PoE Power Output	Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3af) Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3at)
PoE Power budget	120W
Layer 2 Functions	
Port Mirroring	TX / RX / both Many-to-1 monitor Vlan
VLAN	802.1Q tagged-based Up to 256 VLAN groups, out of 4094 VLAN Ids 802.1ad Q-in-Q tunneling Voice VLAN;Protocol VLAN;Private VLAN (Protected port),GVRP
Link Aggregation	IEEE 802.3ad LACP and static trunk Supports 8 groups of 8-port trunk
Spanning Tree Protocol	STP, IEEE 802.1D Spanning Tree Protocol RSTP, IEEE 802.1w Rapid Spanning Tree Protocol MSTP, IEEE 802.1s Multiple Spanning Tree Protocol
IGMP Snooping	IGMP (v2/v3) snooping IGMP querier Up to 256 multicast groups
MLD Snooping	MLD (v1/v2) snooping, up to 256 multicast groups
Access Control List	IPv4/IPv6 IP-based ACL / MAC-based ACL
PoE Management	Open or close port Standard POE scheduling management Power and current display Automatic restarting function of equipment dead machine Timing Support IP bindings restarting
QoS	8 mapping ID to 8 level priority queues
	- Port number

AE-PS8082SFT-M

**8-PORT 10/100/1000MBPS MANAGED
POE SWITCH WITH 2 GIGABIT SFP UPLINK**

TECHNICAL SPECIFICATION

	<ul style="list-style-type: none"> - 802.1p priority - 802.1Q VLAN tag - DSCP field in IP packet <p>Traffic classification based, strict priority and WRR</p>
Security	<ul style="list-style-type: none"> IEEE 802.1X port-based authentication Built-in RADIUS client to co-operate with RADIUS server RADIUS / TACACS+ user access authentication IP-MAC port binding MAC filtering Static MAC address DHCP Snooping and DHCP Option82 STP BPDU guard, BPDU filtering and BPDU forwarding DoS attack prevention ARP inspection IP source guard
Management Function	
Basic Management	
Interfaces	<ul style="list-style-type: none"> Web browser / Telnet / SNMP v1, v2c, V3 Firmware upgrade by HTTP / TFTP protocol through Ethernet network Remote / Local Syslog, System log, LLDP protocol, SNTP
Secure Management	
Interfaces	SSH, SSL, SNMP
SNMP MIBs	<ul style="list-style-type: none"> RFC 1213 MIB-II RFC 1215 Generic Traps RFC 1493 Bridge MIB RFC 2674 Bridge MIB Extensions RFC 2737 Entity MIB (Version 2) RFC 2819 RMON (1, 2, 3, 9)

AE-PS8082SFT-M

8-PORT 10/100/1000MBPS MANAGED POE SWITCH WITH 2 GIGABIT SFP UPLINK

TECHNICAL SPECIFICATION

	RFC 2863 Interface Group MIB
	RFC 3635 Ethernet-like MIB
Environment	
Safety	FCC Part15 Class A,CE.RoHs
Environment specification	Operating temperature: -20°C~55°C, operating humidity: 5%~95% Storage temperature: -40°C~75°C, storage humidity: 5%~95%

ORDERING INFORMATION

AE-PS8082SFT-M	8 Ports 10/100/1000Mbps managed PoE switch with 2 Gigabit SFP
	Uplink and 1 Console port,6KV surge protection,IEEE802.3af/at