AE CONNECT®
DESIGNED FOR NETWORKING

AEIN-PS24FE2GC

24Port 10/100Mbps PoE Switch with 2 1000M Combo Uplink

Ports: Provide 24*10/100Mbps PoE ports and 2 *1000Mbps Combo Uplink

PoE Standard: IEEE802.3af/at Power over Ethernet (PoE) Compliant

Total Power: Total power budget of 300W and 30W for all singe PoE ports

Self-adaption: RJ45 port supports 10/100Mbps Auto MDI/MDIX

AI Mode: Extend/VLAN/QOS

Wide Application: Designed for Wifi AP and IP Security camera. VoIP etc
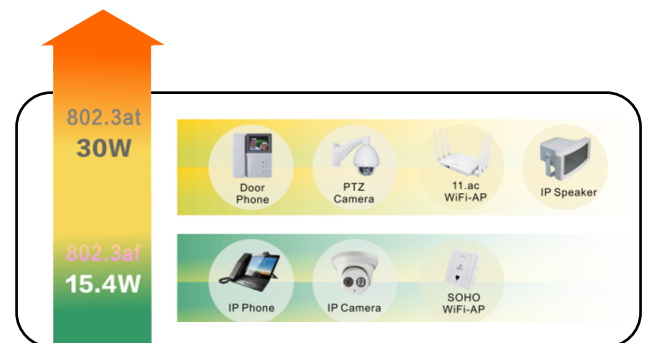
Surge Protection: Protect the device from lighting surges and others electrical hazards

Considerate Design: Rack mount installation with fanless design

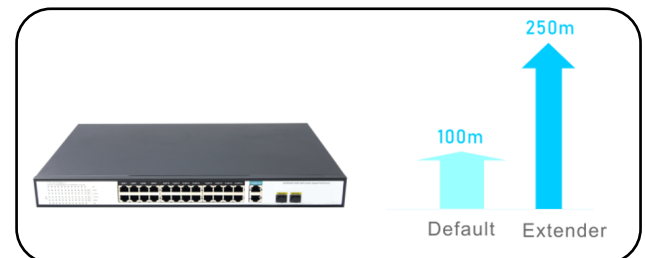**Easy to use:** Plug and play, No configuration required

Versatile PoE Port

Featuring 24* 10/100Mbps PoE ports which support IEEE802.3af/at standard and 2 * 1000Mbps Uplink and 2 SFP ports. The PoE switch provides Maximum power budget of 300W and 30W for single PoE ports sepectively, allowing users to have several different Networking products configured

Flexible Extend Mode

With the extend mode, the PoE Switch Series is able to offer more flexible choices for long range transmission, extending the distance up to 250m, which is greatly helpful to bring better user experience.
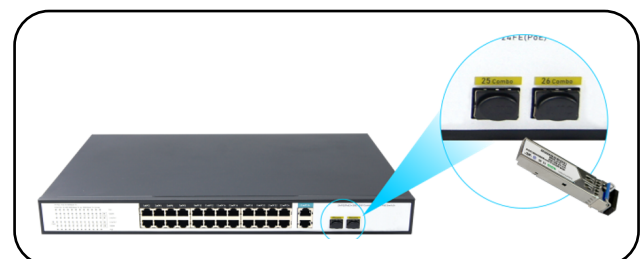

Surge Protection Design

Reaching 6KV surge protection, the PoE ports owns the capacity to keep the PoE Switch from lightning strikes and other electrical surges, offering reliable performance even in some harsh environments.

Gigabit SFP Uplink Port

With 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 transmit the data with Max 100Km distance with more economic solution

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TECHNICAL DATASHEET

Model	AEIN-PS24FE2GC
Hardware Specifications	
Connector	24 10/100BASE-T RJ45 auto MDI/MDIX ports 2 10/100/1000BASE-T RJ45 auto MDI/MDIX ports 2 1000 Base-X SFP Slots
PoE Port	24 10/100Mbps 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 12.8Gbps Packet forwarding rate 9.52Mbps MAC address 8k
Power requirement	AC100-240V 50/60Hz
ESD Protection	6KV ESD
Dimension(W×D×H)	440mm x 290mm x 44.5mm(17.32in x 11.42in x 1.75in)
Weight	3kg

Power over Ethernet (PoE) Specifications

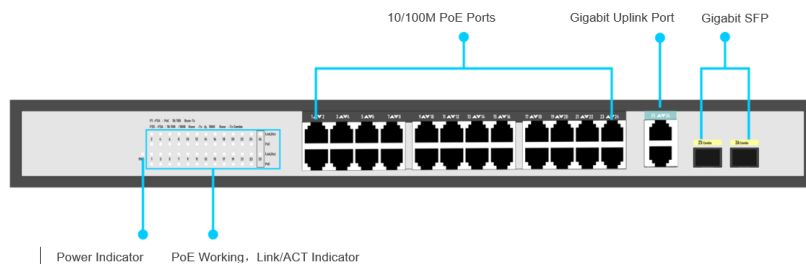|	
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE 802.3ab Gigabit 1000BASE-T IEEE 802.3z Gigabit SX/LX IEEE802.3x Flow Control IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet IEEE802.3az EEE
PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet 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	300W

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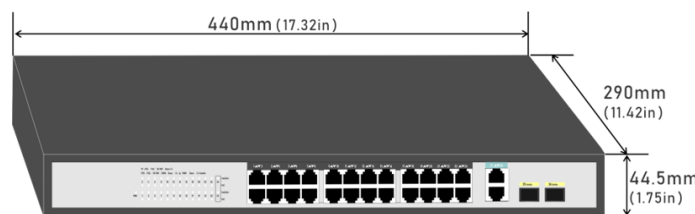## 24Port 10/100Mbps PoE Switch with 2 1000M Combo Uplink

Environment

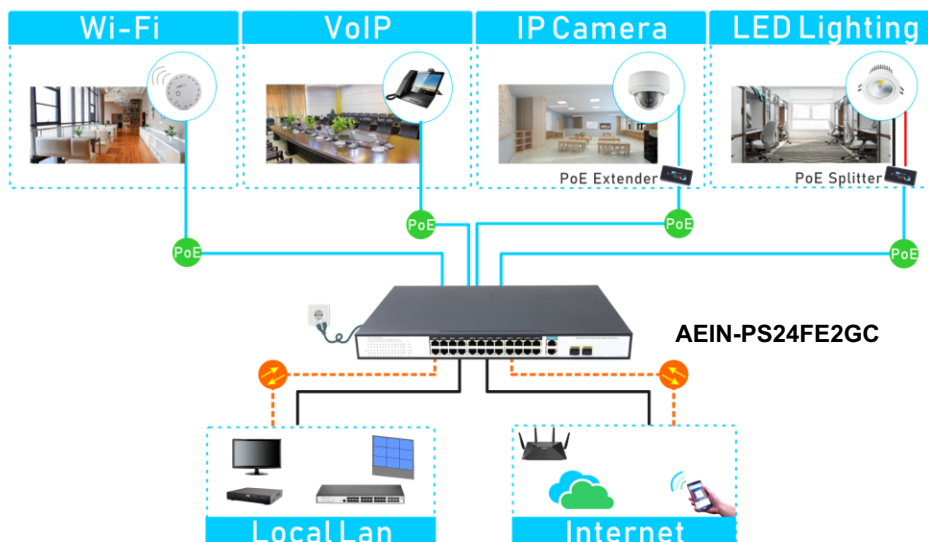| Safety	FCC Part15 Class A,CE.RoHs
Environment specification	Operating temperature: -10℃~45℃，operating humidity: 10％~90％ Storage temperature: -20℃~70℃，storage humidity: 5％~95％

Interfaces

10/100M PoE Ports   Gigabit Uplink Port   Gigabit SFP

Power Indicator   PoE Working，Link/ACT Indicator

Structure Diagrams

440mm (17.32in)

290mm (11.42in)

44.5mm (1.75in)

Applications

Wi-Fi   VoIP   IP Camera   LED Lighting

PoE Extender   PoE Splitter

AEIN-PS24FE2GC

Local Lan   Internet

Ordering Information

AEIN-PS24FE2GC	24 Ports 10/100Mbps PoE switch with 2 Gigabit Combo Uplink, 6KV surge protection, IEEE802.3af/at