AEIN-PSG1604GU

16-Port 10/100/1000Mbps PoE+ Switch with 4Giga Uplink

16 x 10/100/1000Mbps PoE+ ports and 4 x Giga Uplink
IEEE802.3af/at Power over Ethernet (PoE+) Compliant
Total power budget of 200W and 30W for all singe PoE+ ports
Rj45 port supports 10/100/1000Mbps Auto MDI/MDIX
Extend PoE+ up to 250m on one single cable
Designed for WiFi AP and IP Security Camera, VoIP etc
Protect the device from lighting surges and others electrical hazards
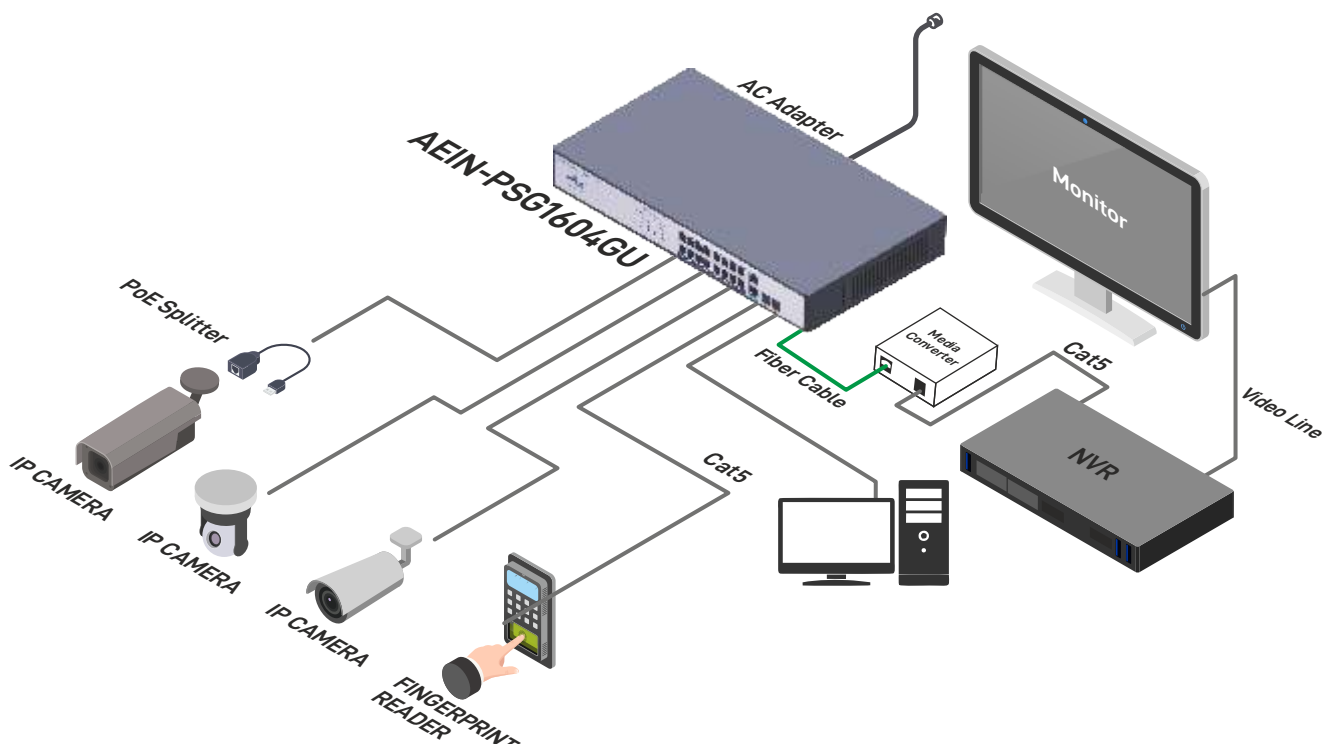Rack mount installation with fanless design

PRODUCT PROFILE

Featuring 16* 10/100/1000Mbps PoE+ ports which support IEEE802.3af/at standard and 2* 1000Mbps Uplink and 2 Gigabit SFP ports. The PoE+ switch provides Maximum power budget of 200W and 30W for single PoE+ ports respectively, 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 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 transmit the data with Max 100Km distance with more economic solution

APPLICATION DIAGRAM

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HARDWARE SPECIFICATIONS

Connector	16 x 10/100/1000BASE-T RJ45 auto MDI/MDIX ports
	2 x 10/100/1000BASE-T RJ45 auto MDI/MDIX ports
	2 x 1000 Base-X SFP Slots
PoE+ Port	16 x 10/100/1000Mbps PoE+ PSE port
SFP	Single fiber/Dual fiber supported. Distance vary the module
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 64Gbps
	Packet forwarding rate 35.71Mpps
	MAC address 16k
Power requirement	AC100-240V 50/60Hz
ESD Protection	6KV ESD
Dimension(W×D×H)	440mm x 180mm x 44.5mm (17.32in x 7.09in x 1.75in)
Weight	2.5 kg

POWER OVER ETHERNET (PoE) SPECIFICATIONS

Network standard	IIEEE802.3i 10 BASE-T
	IEEE802.3u 100 BASE-TX
	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

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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	200W

ENVIRONMENT

Safety	FCC Part 15 Class A,CE.RoHs
Environment specification	Operating temperature: -20°C~55°C, operating humidity: 5%~95%
	Storage temperature: -20°C~75°C, storage humidity: 5%~95%

ORDERING INFORMATION:

AE-INPSG1604GU	16 Ports 10/100/1000Mbps PoE+ switch with 4 Gigabit Uplink, 6KV surge protection, IEEE802.3af/at