

AE-PS8082GU

10-PORTS 10/100/1000M POE SWITCH



8x10/100/1000M POE Ports + 2x10/100/1000M Ethernet Uplink Ports
 Comply with IEEE 802.3、IEEE 802.3u IEEE 802.3ab IEEE802.3af/at standards
 Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard
 Support port auto flip (Auto MDI/MDIX)
 Exchange mechanism using store-and-forward
 All ports support wire-speed switching
 Automatically supplied to adaptive devices

PRODUCT PROFILE

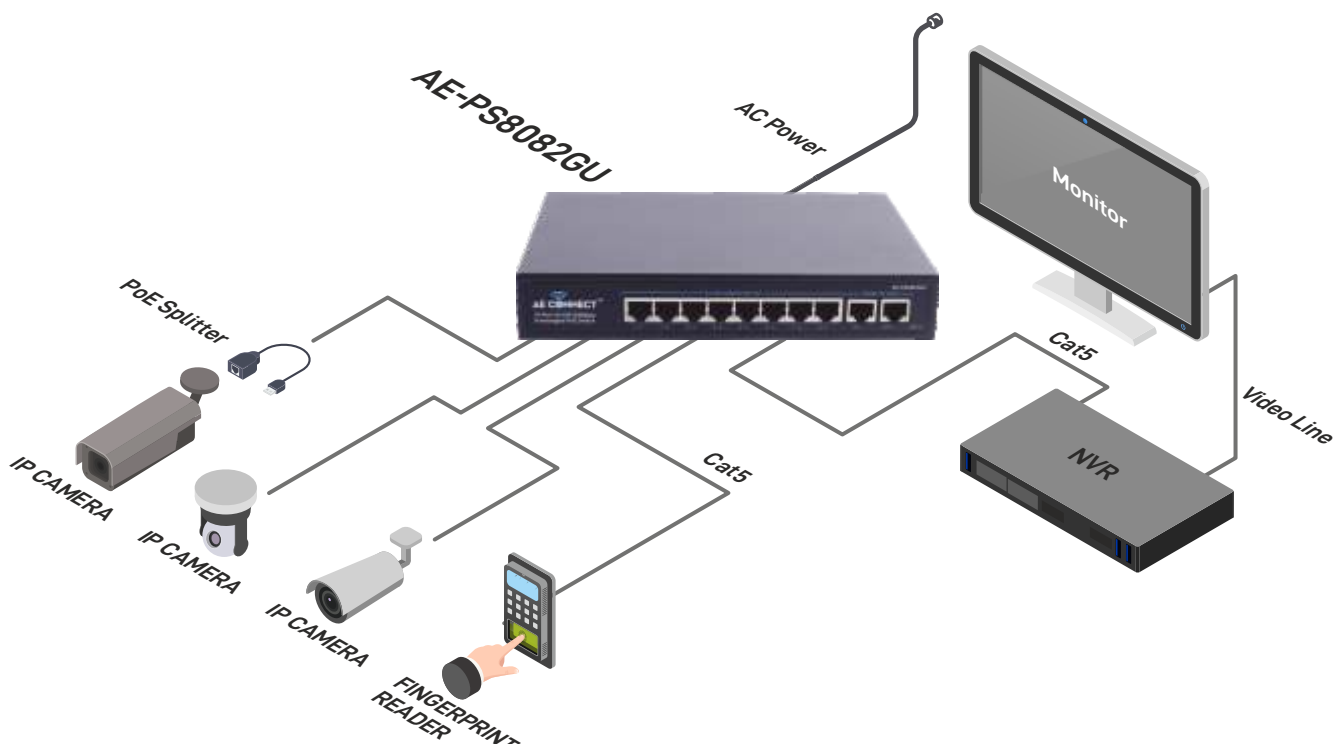
10-Ports 10/100/1000M PoE Switch, using high-quality high-speed network IC and the most stable PoE chip, PoE port meets 802.3af / 802.3at standard, this series of PoE Switch can be 10/100M Ethernet The network provides a seamless connection, and the PoE power port can automatically detect and power the powered devices that comply with the IEEE802.3af / IEEE802.3at standards. The non-PoE

device intelligently detects no power and only transmits data.

PoE (Power over Ethernet) refers to the technology of providing dc Power supply to some IP-based terminals (such as IP telephone, wireless access AP, network camera, etc.) while transmitting data signals. These devices receiving dc Power supply are called receiving devices. With simple and convenient installation and

maintenance methods and rich business features, it helps users to build a safe and reliable high-performance network. It is mainly located in the core or convergence layer of user networks such as industrial parks, buildings, factories and mines, government agencies, and residential broadband; it can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, Internet cafes, hotels, and schools.

APPLICATION DIAGRAM



TECHNICAL SPECIFICATION

Product Name	10-Ports 10/100/1000M PoE Switch		
Model	AE-PS8082GU		
Connector Type	8x10/100/1000M PoE Ports + 2x10/100/1000M Ethernet Uplink Ports		
Network Protocols	IEEE802.3		
	IEEE802.3u		
	IEEE802.3x		
	IEEE802.3ab		
PoE Parameters	PoE Standard: IEEE802.3af /IEEE802.3at		
	Max each port: 15.4W (IEEE 802.3af)		
	Max each port 30W (IEEE 802.3at)		
	PoE compatibility: IEEE 802.3af/at adaptive		
	PoE port output: DC48-55V		
	Power Pin : Power over spare pairs 1/2(+) , 3/6 (-)		
Network Media	10BASE-T: Cat 3,4,5 UTP(≤100 meter)		
	100BASE-T: Cat 5 UTP(≤100 meter)		
	1000BASE-TX: Cat5 or more UTP (≤100 meter)		
Performance Specification	Bandwidth: 20Gbps		
	MAC Address: 2K		
	Packet Buffer Memory: 2M		
	Packet Forwarding Rate: 14.88Mpps		
	Forwarding Mode: Store-And-Forward		
Power Supply	Power input: AC100-240V 50/60Hz, Output: 52V2.3A, Power Budget: 120W		
	PWR	Power supply indicator	Lighting: Powered
			Un-Light: No Power
Led indicator	1-10	RJ-45 ACT indicator	Lighting: Connecting
		(Green)	Flashing: Data Transmit
			Un-Light: Disconnect

TECHNICAL SPECIFICATION

Working Environment	Operating Temperature: -20°C ~ 50°C;
	Storage Temperature: -40°C ~ 85°C;
	Operating Humidity: Max 90%, non-condensing
	Storage Humidity: Max 95%, non-condensing
	Working Height: Max to 10,000 feet (3,000 meters)
	Storage Height: Max to 10,000 feet (3,000 meters)
Physical Parameter	Product Dimension (LxWxH): 222mm x 163mm x 40mm
	Package Dimension (LxWxH): 303mm x 190mm x 60mm
	N.W: 0.9KG
	G.W: 1.2KG
Package Contents	1.Ethernet Switch: 1 unit
	2.User Guide: 1 unit
	3.Warranty Card: 1 unit
	4.Power Cord: 1unit
MTBF	100,000 hours
Certification	CE, RoHS, FCC, CCC
Warranty	3 years

ORDERING INFORMATION:

Product:	AE-PS8082GU
Description:	10-Ports 10/100/1000M PoE Switch with 8x10/100/1000M PoE Ports and 2x10/100/1000M Uplink Ethernet Ports, IEEE 802.3af / IEEE802.3at; PoE Power Output: 15.4Watts / 30Watts each port. Total power budget 120Watts.