Aristel

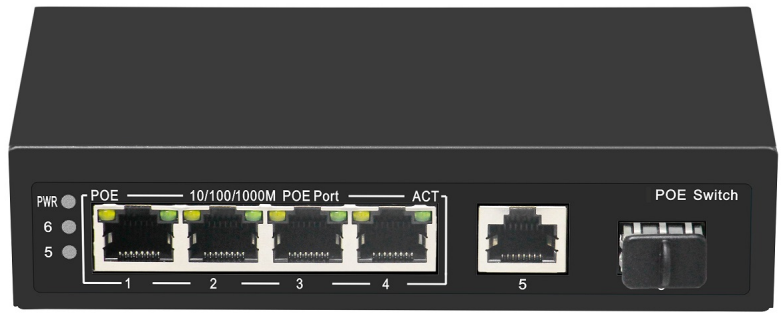## ANG1006-10/100/1000M 6 Ports PoE Switch

◆ 4*10/100/1000M PoE Ports + 1*1000M Ethernet Uplink Port + 1*1000M SFP Port ;

◆ Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3af/at standards;

◆ Compatible with IEEE802.3at (30W) and IEEE802.3af (15.4w);

◆ 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;

◆ Panel indicator monitoring status and help failure analysis.

Product Description

6-Port PoE Switch with 4*10/100/1000M PoE Ports + 1*1000M Ethernet Uplink Port + 1*1000M SFP Port, 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.

⬤ Technical parameter list

Product Name	6-Ports 10/100/1000M PoE Switch
Model	ANG1006
Connector Type	4 Ports 10/100/1000M PoE + 1 Port 1000M Ethernet Uplink + 1 Port 1000M SFP Uplink
Network Protocols	IEEE802.3 IEEE802.3u IEEE802.3ab IEEE802.3x IEEE802.3z
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: Cat3,4,5 UTP(≤100 meter) 100BASE-T: Cat 5 UTP(≤100 meter) 1000BASE-TX: Cat5 or more UTP (≤100 meter)
Optical	MultiMode Fiber: 850nm, 1310nm, Transmission Distance: 550m/2Km Single-Mode Fiber: 1310nm, 1550nm, Transmission Distance: 20/40/60/80/100/120km
Performance Specification	Bandwidth: 12Gbps MAC Address: 2K Packet Buffer Memory: 1M Packet Forwarding Rate: 8.928Mpps Forwarding Mode: Store-And-Forward
Power Supply	Adapter Input Voltage: AC100-240V; Product Input Voltage: DC48-55V, Output: 52V1.25A, Power Budget: 65W

Led indicator	PWR	Lighting：Powered Un-Light：No Power
	FX	Lighting：Connect Un-Light：Disconnect
	UPL	Slow Flash: Connect Flashing：Data Transmission Un-Light：Disconnect
	PoE ACT indicator: (LED-Yellow)	Lighting：Powered Un-Light：No Power
	RJ-45 LINK indicator (Green)	Lighting：Connecting Flashing：Data Transmit Un-Light：Disconnect

Working Environment	Operating Temperature: -20℃ ～ 50℃; Storage Temperature: -40℃ ～ 85℃; 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 (L*W*H): 140mm*85mm*30mm Package Dimension (L*W*H): 303mm*190mm*60mm N.W: 0.33KG G.W: 0.92KG
Package Contents	1.Ethernet Switch：1 unit 2.User Guide：1 unit 3.Warranty Card：1 unit 4.Power Cord：1unit 5. Power Adapter: 1 units
MTBF	100,000 hours
Certification	CE ,RoHS, FCC, CCC
Warranty	2 years