

AL-PGS5010-8P-125

8* GIGA POE+ 2*GE UP-LINK AI DESKTOP SWITCH (125W)

ALCONTM
LINK
BE SMART, BE SECURE



8-Port 10/100/1000Mbps 802.3af/at PoE+ 2-Port 10/100/1000Mbps Uplink Desktop Switch

OVERVIEW

The Alcon AL-PGS5010-8P-125 coming with 8* 10/100/1000Mbps PoE Ports with built-in two Gigabit up-link pots provide fast connection to servers or the backplane of the gigabit speed. The effective connectivity of the eight 10/100/1000Mbps ports, allows growing business networks, classrooms and work-groups to obtain benefits from the demand for superior performance and sustain network expansion. This high-performance switch features with non-blocking, wire-speed switching, and 20Gbps switching capacity. All RJ45 ports can auto adjust the highest connection speed for a normal working, Auto Up-link™ technology can ensure proper network connection.

FEATURES

- 8*10/100/1000M PoE Ports +2*1000M RJ45 Port
- Comply with IEEE 802.3i, IEEE 802.3u, IEEE802.3ab, IEEE802.3az 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

NETWORK POWER EFFICIENCY
OPTIMIZE YOUR

POE

GUARANTEED PROTECTION FOR A SMOOTH OPERATION

The AL-PGS5010-8P-125 protects against the ESD surge to improve product stability and also protects users' networks from devastating ESD attacks, making sure the flow of operation does not fluctuate

APPLICATIONS

- Full HD surveillance transmission and power supply
- Enterprise Wireless AP distribution transmission and power supply
- Smart VoIP transmission, intelligent home systems
- Smart City intelligent traffic monitoring system (ITS), safe city, and wireless city
- Highway surveillance system, electronic road surveillance, snapshot system
- large industrial factory& enterprise security surveillance system, network multifunction syste

SPECIFICATION

Model	AL-PGS5010-8P-125
I/O Interface	
Power	AC 100-240V 50/60Hz
Power Budget	125W
Ethernet	8 Port 10/100/1000M PoE 2 Port 1000M RJ45 Uplink
Performance	
Switching Capacity	20Gbps
Throughput	14.88Mpps
Packet Buffer	1.5Mbit
MAC Address	2K
Jumbo Frame	9216Kbytes
Transfer Mode	Store and forward
MTBF	100000 hour
Standard	
Network protocol	IEEE802.3i (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3ab (1000Base-TX) IEEE802.3x (Flow control) IEEE802.3az
PoE Protocol	IEEE802.3af (15.4W) IEEE802.3at (30W)
Industry Standard	EMI: FCCPart15CISPR(EN55032)class A EMS: EN61000-4-2(ESD) EN61000-4-4(EFT) EN61000-4-5 (Surge)
Network Medium	10Base-T : Cat345 or above UTP(≤100m) 100Base-TX : Cat5 or above UTP(≤100m) 1000Base-TX : Cat5 or above UTP(≤100m)
Power transmission	Up to 250mtr with compatibility for PoE extender

Protection	
ESD(Surge Protection)	6KV Contact discharge 8KV Air discharge Execute: IEC61000-4-2

Environment	
Working Environment	Working Temperature:-20~50°C Storage Temperature:-40~85°C Working Humidity :10%~90% non-condensing Storage Temperature:5%~90% non-condensing Working Height:Maximum10,000 feet Storage heigh:Maximum 10,000 feet

Indication	
LED Indicators	PWR(power supply) 1-10 Green(Link&Data)

Mechanical	
Structure Size	Product Dimension (L*W*H): 220*161*36.5mmm Package Dimension (L*W*H): 303*190*60mm N.W:0.9kg G.W:1.2kg
Packing Info	Carton MEAS:620*320*402mm Packing Qty:20 units Packing Weight:25KG
Power Voltage	Power Input Voltage :AC 100-240 V Power supply:52V2.3A
Security Certificate	CE, RoHS

ORDERING INFORMATION

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*Product specifications and availability are subject to change without notice.