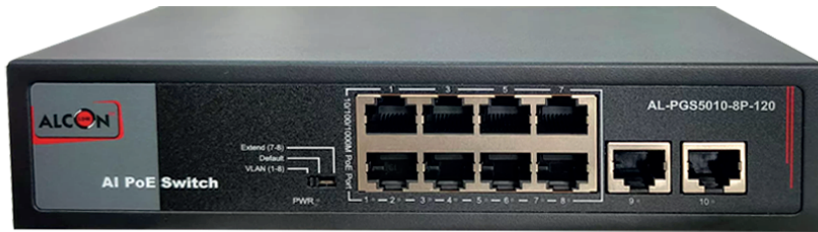


AL-PGS5010-8P-120

# 8\* GIGA POE+ 2\*GE UP-LINK AI DESKTOP SWITCH (120W)

**ALCON** **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-120 coming with 8\* 10/100/1000Mbps PoE Ports with built-in two Gigabit up-link ports 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 802.3, IEEE 802.3u, IEEE802.3ab 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

NETW ORK POWER EFFICIENCY  
OPTIMIZE YOUR

POE

## GUARANTEED PROTECTION FOR A SMOOTH OPERATION

The AL-PGS5010-8P-120 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 system

## SPECIFICATION

<b>Model</b>	AL-PGS5010-8P-120
<b>I/O Interface</b>	
Power	AC 100-240V 50/60Hz
Power Budget	120W
Ethernet	8 Port 10/100/1000M PoE 2 Port 1000M RJ45 Uplink

<b>Performance</b>	
Switching Capacity	20Gbps
Throughput	14.88Mpps
Packet Buffer	1.5Mbit
MAC Address	2K
Jumbo Frame	9216Kbytes
Transfer Mode	Store and forward
MTBF	100000 hour

<b>Standard</b>	
Network protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3ab (1000Base-TX) IEEE802.3x (Flow control)
PoE Protocol	IEEE802.3af (15.4W) IEEE802.3at (30W)
Industry Standard	EMI: FCC Part 15 CISPR (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)

<b>Protection</b>	
Security Certificate	CEFCRoHS

<b>Environment</b>	
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 height:Maximum 10,000 feet

<b>Indication</b>	
LED Indicators	PWR(power supply) 1-10 Green(Link&Data)

<b>Mechanical</b>	
Structure Size	Product Dimension (L*W*H): 220*161*36.5mm 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

## ORDERING INFORMATION

AL-PGS5010-8P-120

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