

AL-PGS5006-4P-65

# 4\* GE POE +2\*GE UP-LINK DESKTOP SWITCH



**ALCON LINK™**  
BE SMART, BE SECURE

## 100M VLAN Giga Desktop Switch

### OVERVIEW & FEATURES

Alcon AL-PGS5006-4P-65, a 4-port 10/100/1000Mbps 802.3af/at Power over Ethernet 2Giga Ethernet Switch, can be easily and quickly deployed for SMB PoE application environment by any users as it is compact in size and simple to install. The AL-PGS5006-4P-65 has a total PoE budget of 65 watts, which is an ideal solution to meeting the demand for sufficient PoE power for network applications. The four 802.3af/at PoE ports provide PoE power injector function which is able to drive one IEEE 802.3at compliant powered devices or four IEEE 802.3af/at compliant powered devices. The AL-PGS5006-4P-65 also provides a simple, cost-effective and nonblocking wire-speed performance. It comes with a Desktop-size metal housing, suitable for the desktop deployment of SMB network environment.

- 4\*10/100/1000mbps POE port, 2Giga Ethernet
- Support IEEE802.3AF/AT
- Whole Power:65W(52V 1.25A)
- 100M Distance,PSE Solution
- All port supported by MDI/MDIX auto flip and self negotiation
- Supply 4 10/100/1000Mbps adaptive high speed forwarding data packet non-lost port
- Support IEEE802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode
- Each port max. power supply reached 30W

NETWORK POWER EFFICIENCY

OPTIMIZE YOUR

POE

## GUARANTEED PROTECTION FOR A SMOOTH OPERATION

The AL-PGS5006-4P-65 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

Model	AL-PGS5006-4P-65
POE Port	1 to 4 support IEEE802.3AF/AT Standard
Output Power	15.4W/30W IEEE802.3af/at
Power Pin	Both 1/2+, 3/6- and 4/5+7/8-
Whole Power	≤65W (52V 1.25A)
POE Protocol	IEEE 802.3af/IEEE 802.3at
POE Type	End-span(PSE)
Power Distance	≤100m
Network Standard	IEEE 802.3, IEEE802.3u, 802.3x, 802.3af/at
Network Medium	10/100/1000BASE-TX:5 class and above non shielded twisted pair
Data Distance	≤100m
Switch Capability	12Gbps
Forwarding Mode	Store and forward
Forwarding Rate	100BASE-tx: 14800pps/port 100BASE-T: 1488095pps/port
MAC Address	MAC address table 2K
Port Function	Power priority mechanism, fast and forward, MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode
LED Indicator	Each port occupied 1 LINK/ACT.100Mbps, POE Status Indicator, Whole power indicator
Working Environment	Working temperature: -10°-- 55° C
Weight	1kg
Size	270mm*180mm*44mm(L*W*H)
warranty	2years

## ORDERING INFORMATION

AL-PGS5006-4P-65

4\*Port Giga PoE + 2\*GE Up-link Desktop Switch



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

