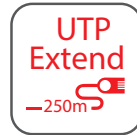
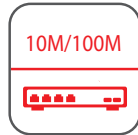
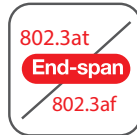


**AL-PFS5019-16P-200**

# 16-PORT 200M POE SWITCH

**ALCON**™  
LINK  
BE SMART, BE SECURE



## 16-Port 10/100Mbps 802.3af/at PoE+ 2-Port Gigabit Uplink + 1-Port SFP Rack mount Switch (200watt Power budget)

### OVERVIEW & FEATURES

Alcon AL-PFS5019-16P-200 is an ideal Plug and play Power over Ethernet solution which provides quick installation.

The AL-PFS5019-16P-200 is equipped with 16 10/100BASE-TX ports with each port taking up 30 watts of PoE+ power and 2 Gigabit TP and 1 Gigabit SFP interfaces with inner power system. With a total PoE+ power budget of 200 watts and non-blocking data switching performance, the AL-PFS-5019-16P-200 can fulfill the demand of sufficient PoE power for HD IP surveillance. It offers, reliable and visible power solution for small businesses and system integrators deploying Power over Ethernet networks.

- Complies with IEEE 802.3af/at Power over Ethernet end-span PSE
- 16-port 10/100BASE-TX Fast Ethernet RJ45 PoE copper
- 2 10/100/1000BASE-T TP and 1\*SFP interfaces
- Complies with IEEE 802.3af/at Power over Ethernet end-span PSE
- Up to 16 ports of IEEE 802.3af/at devices powered
- Supports PoE Power up to 30 watts for each PoE port
- Each port supports 48~55V DC power to PoE powered device
- 200-watt PoE budget
- Auto detects powered device (PD)
- Circuit protection prevents power interference between ports
- Remote power feeding up to 100m with standard mode
- Can extend distance of up to 250m in the extend mode

## GUARANTEED PROTECTION FOR A SMOOTH OPERATION

The AL-PFS5019-16P-200 protects against the ESD 3kV 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

Modal No.	AL-PFS5019-16P-200
<b>Hardware Specification</b>	
802.3af/802.3at PoE Injector Port	16
10/100BASE-TX PoE Ports	16
10/100/1000BASE-T Ports	2
SFP Fiber port	1
Switch Architecture	Store-and-Forward
Switch Fabric	9.2Gbps/non-blocking
Switch Throughput @64 bytes	8.3Mpps@64bytes
MAC Address Table	8K entries
Maximum Frame Size	9216 bytes
Flow Control	IEEE 802.3x pause frame for full duplex; back pressure for half duplex
LED	System: LAN On : Green PoE On: Orange
Dimensions (W x D x H)	32*21*4CM
Enclosure	Metal
Weight	2.5kg
Power Requirements	AC 100~240V, 50/60Hz,
Power Consumption/ Dissipation	Max. 200 watts
Fanless	yes
ESD Protection	Contact Discharge of 3kV DC Air Discharge of 3kV DC
Surge Immunity	±3kV
MTBF	1,90,000 hours (21years)

Power over Ethernet	
PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE
PoE Power Supply Type	End-span
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Output	Per port 54V DC, 300mA. max. 15.4 watts (IEEE 802.3af) Per port 54V DC, 600mA. max. 30 watts (IEEE 802.3at)
PoE Power Budget	200 watts
Max. Number of Class 2 PDs	16
Max. Number of Class 3 PDs	13
Max. Number of Class 4 PDs	6

Standard Conformance	
EMI Safety	CE/LVD EN60950, RoHS
Warranty	2Yrs
Standard Compliance	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab Gigabit 1000BASE-T IEEE 802.3z Gigabit SX/LX IEEE 802.3x flow control and back pressure IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus IEEE 802.3az Energy Efficient Ethernet (EEE)

Environment	
Operating Environment	Temperature: -20 ~ 60°C
Storage Environment	Temperature: -20 ~ 70°C
Operating Humidity	Relative Humidity: 10 ~ 90% (non-condensing)
Storage Humidity	Relative Humidity: 5 ~ 90% (non-condensing)

## ORDERING INFORMATION

**AL-PFS5019-16P-200**

16-Port 10/100TX 802.3af/at PoE + 2-Port Gigabit Uplink + 1-Port SFP Rack mount Switch



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