

## 8-Port Gigabit Smart Managed Passive Reverse PoE Switch

Model: ADS108GRP-1PO



### ADVANCED QOS FEATURES

With the ability to set up and configure QoS, these Gigabit Smart Managed Plus Switches can detect different types of network traffic and assign the desired priority to latency-sensitive traffic, such as voice and video. This helps improve the delivery quality of related applications such as VoIP, multimedia broadcasting, and video conferencing.

### ABUNDANT LAYER 2 FEATURES

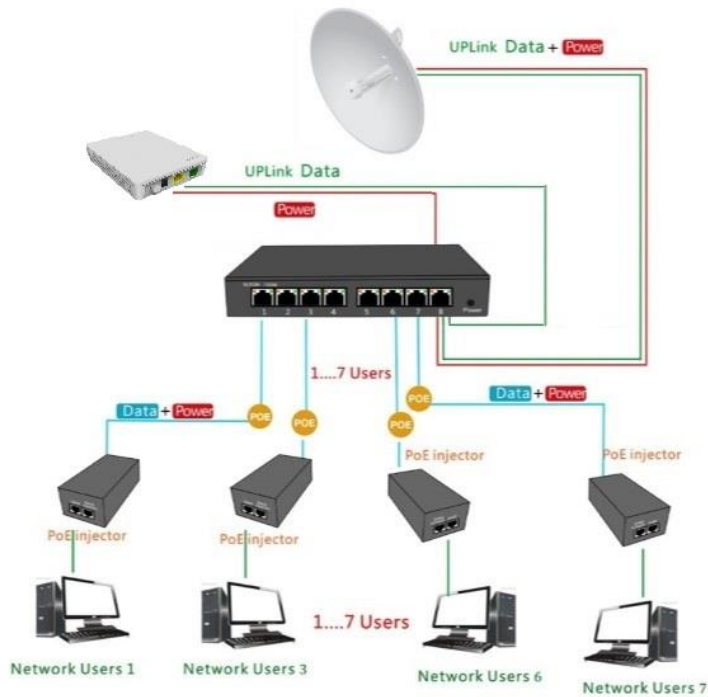
Smart Managed Switches meet this growing need by providing fundamental network features that will help optimize the performance of business networks. On top of the plug-N-play Gigabit Ethernet connectivity, these switches also offer essential networking features such as VLAN, QoS, IGMP Snooping, Port mirror, Link Aggregation / Port Trunking

### ADVANCED POE FEATURES

ADS108GRP-1PO is Easy to use and manage. It can be installed on where there is no power supply. Poe in status of each port can be shown by web page, and poe out can be turned on/off by web page

### KEY FEATURES:

- Smart Managed Plus Switch delivers network monitoring, traffic prioritization and VLAN
- deliver up to 2000 Mbps of dedicated, non-blocking bandwidth per port
- Simple, yet useful network set-up on top of plug-and-play connectivity
- Gigabit speed with QoS, VLAN and network monitoring
- Support port VLAN and 801.1q VLAN
- Quality of Service (QoS) for traffic prioritization
- Troubleshoot connection issues via cable test
- Loop prevention and broadcast storm controls
- IGMP snooping v1, v2 and v3 support for multicast optimization
- Rate limiting for better bandwidth allocation
- Port mirroring for network monitoring
- Jumbo frame support
- Port Trunking to increase bandwidth and provide redundant links
- Port1-7 poe in, Port8 poe out
- No poe no data function



## HARDWARE FEATURES

Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1q, IEEE 802.1p
Interface	8 10/100/1000Mbps RJ45 Ports AUTO Negotiation/AUTO MDI/MDIX
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100BASE-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 1000BASE-T: UTP category 5, 5e, 6 or above cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
Poe	Port 1-7 poe in, port 8 poe out, pin 4/5 +, pin7/8 - Poe voltage range: 18-48vdc
Power Consumption	Maximum: 4.48W
Dimensions ( W x D x H )	6.2*4.0*1.0 in. (158*101*25 mm)

## PERFORMANCE

Switching Capacity	16Gbps
Packet Forwarding Rate	11.9Mpps
MAC Address Table	8K
Packet Buffer Memory	1.5Mb
Jumbo Frame	15KB

## SOFTWARE FEATURES

Quality of Service	Support Port-based/802.1p/DSCP priority Support 4 priority queues Rate Limit Storm Control
L2 Features	IGMP Snooping V1/V2/V3 Link Aggregation Port Mirroring Cable Diagnostics Loop Detection
VLAN	Supports up to 32 VLANs simultaneously (out of 4K VLAN IDs) MTU/Port/Tag VLAN
Transmission Method	Store-And-Forward

## OTHERS

Certification	CE FCC Rohs
System Requirements	Microsoft® Windows® for running Utility
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing