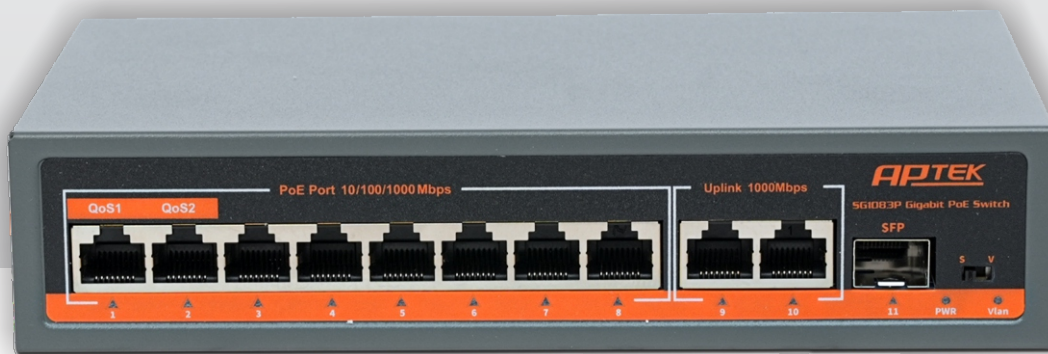


# APTEK SG1083P

## 8-Port Gigabit PoE Switch

**APTEK SG1083P** is an 8-port Gigabit PoE Switch, providing cost-effective advantages for small offices or households. It has 8 Gigabit Ethernet RJ45 PoE/PoE+ ports with a power budget of 120W. It is also equipped with 2 Gigabit Ethernet RJ45 and 1 Gigabit SFP Uplink ports.

**APTEK SG1083P** supports Standard (S) mode and VLAN (V) mode. The VLAN operation mode has a port-based VLAN function, which can help prevent the multicast or broadcast of IP Cameras from interfering with each other.



### Features:

- 8 \* 10/100/1000Mbps RJ45 PoE ports (Support 802.3af/at)
- 2 \* 10/100/1000Mbps RJ45 ports
- 1 \* Gigabit SFP Slot
- Whole Power: 120W
- Each port supported by MDI/MDIX auto flip and self-negotiation
- Support IEEE802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode
- Automatically detect PoE devices and supply the power, won't damage the non-PoE devices
- Extends both Ethernet data and PoE to an additional 100 meters.

### Applications:

- Wireless Access Point
- IP Camera
- IP Phone
- Computer Networks

## Specifications:

Model	SG1083P
Ports	8 * Gigabit Ethernet RJ45 PoE/PoE+ 802.3af/at 2 * Gigabit Ethernet RJ45 1 * Gigabit SFP Slot
Output Power	Max. 120W
Whole Power	Max. 30W
PoE Protocol	IEEE 802.3af/at
PoE Type	End-span
Transmission Distance	100m
Network Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
Network Medium	10/100/1000Base-TX: 5 Class and above non shielded twisted pair
Switch Capability	22 Gbps
Forwarding Mode	Store and forward
Forwarding Rate	10Base-T: 14880pps/port 100Base-T: 148800pps/port 1000Base-T: 1488000pps/port
MAC Address	2K
Port Function	Power priority mechanism Fast and forward MAC automatic learning and aging IEEE802.3x for Full-duplex mode and back pressure for Half-duplex mode
LED indicator	Link/Act, PoE Status, Power, V mode
Working Environment	-10° ~ 55°C

## Topology:

