

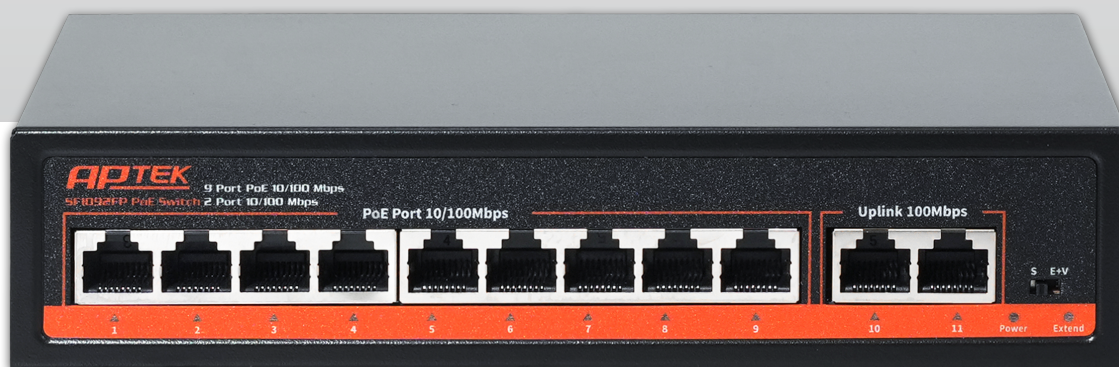


# APTEK SF1092FP

## Unmanaged Fast Ethernet PoE Switch

**APTEK SF1092FP** is an Unmanaged Fast Ethernet PoE Switch, providing cost-effective advantages for small offices or households. It has 9 Fast Ethernet RJ45 PoE/PoE+ ports with a power budget of 120W. It is also equipped with 2 Fast Ethernet RJ45 Uplink ports.

**APTEK SF1092FP** supports Standard (S) mode and Extend + VLAN (E+V) mode. The Extend + 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; and the transmit rate of PoE Ports will be limited at 10Mbps but will allow distance increase up to 250 meters, very helpful for connecting PoE cameras from long distance.



### Features:

- 9 \* 10/100Mbps RJ45 PoE ports (Support 802.3af/at)
- 2 \* 10/100Mbps RJ45 ports
- 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
- Supports Extend + VLAN mode for long distance PoE camera connectivity solutions

### Applications:

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



## Specifications:

<b>Model</b>	SF1092FP
<b>Ports</b>	9 * Fast Ethernet RJ45 PoE/PoE+
	2 * Fast Ethernet RJ45
<b>Max. Power Per Port</b>	15.4W/30W
<b>Whole Power</b>	Max. 120W
<b>PoE Protocol</b>	IEEE 802.3af/at
<b>PoE Type</b>	End-span
<b>Transmission Distance</b>	Standard mode: 100m Extend + VLAN mode: 250m (speed limited at 10Mbps) on PoE Ports
<b>Network Standard</b>	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
<b>Network Medium</b>	10/100Base-TX: 5 Class and above non shielded twisted pair
<b>Switch Capability</b>	2.2 Gbps
<b>Forwarding Mode</b>	Store and forward
<b>Forwarding Rate</b>	10Base-T: 14880pps/port
	100Base-T: 148800pps/port
<b>MAC Address</b>	2K
<b>Port Function</b>	Power priority mechanism
	Fast and forward
	MAC automatic learning and aging
	IEEE802.3x for Full-duplex mode and back pressure for Half-duplex mode
<b>LED indicator</b>	Link/Act, PoE Status, Power, V mode
<b>Working Environment</b>	-10° ~ 55°C
<b>Weight</b>	1 kg
<b>Size</b>	200mm * 118mm * 44mm (L*W*H)

## Topology:

