APTEK SF1062P-DC

Semi-Industrial Standard Unmanaged PoE Fast Ethernet

APTEK SF1062P-DC is an Unmanaged Fast Ethernet PoE Switch designed to Semi-Industrial Standards, capable of operating in harsh environments with temperatures up to 65°C. It provides 8 Fast Ethernet RJ45 PoE/PoE+ ports with a maximum of 15/30W per port and is equipped with 2 Gigabit Ethernet RJ45 uplink ports. Specifically built for specialized power systems, it supports a DC 46 – 56V input range.

APTEK SF1062P-DC 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, which is very helpful for connecting PoE cameras from long distances.

Features:

- 8 * 10/100Mbps RJ45 PoE ports (Support 802.3af/at)
- 2 * 10/100/1000Mbps RJ45 ports
- PoE output 15/30 per port (whole power based on Power Supplier)
- Support 46-56V DC Input
- Designed to Semi-Industrial standard, operating temperature up to 65°C
- 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 power, without damaging 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:

Model	SF1062P-DC
Ports	8 * Fast Ethernet RJ45 PoE/PoE+
	2 * Gigabit Ethernet RJ45
Max. Power Per Port	15.4W/30W
Whole Power	Based on Power Supplier
PoE Protocol	IEEE 802.3af/at
PoE Type	End-span
Transmission Distance	Standard mode: 100m Extend + VLAN mode: 250m (speed limited at 10Mbps) on PoE Ports
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	5.6 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, E+V mode
Power Input	46 ~ 56V DC
Working Environment	-10°C ~ 65°C

Topology:

Data, tốc độ 100 Mbps
Data + Power, tốc độ 100 Mbps
Router
Network Video Recorder
Camera
Camera
Camera
Camera
Camera
Camera