

SSF-2SFPx8RJ45POE-1G

Ethernet / SFP Non-Managed Switch

Manual

Model & Description

SSF-2SFPx8RJ45POE-1G - Gigabit switch 2xSFP Slot 1000Base-X, 8xRJ45 Gigabit 10/100/1000Base-Tx, 120W, PoE+ 30W/4 port, PoE 15W/8 port. Built-in AC power supply.

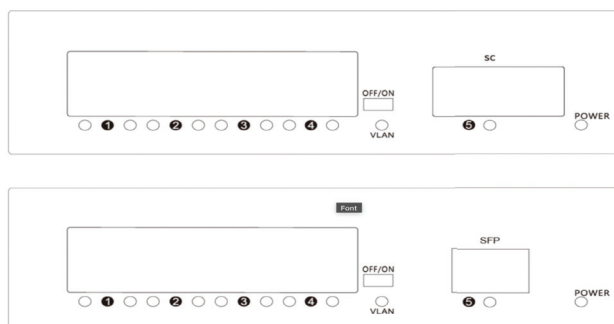
Overview

The PoE+ switch provides power and data from a single point, using Power over Ethernet (PoE+) over a single Cat-X cable. It can be used for any 10/100/1000Mbps link and supply industry-standard IEEE 802.3af/at power. Advanced auto-sensing algorithm gives power to 802.3af/at end devices, In addition, the PoE+ switch automatically determines PoE+ requirements, speed, duplex, and cable type using Auto Uplink. Easy to operate and reliable. The PoE+ switch is ideal for powering PoE+ devices such as IP cameras, WLAN access point, IP phones, office access control systems, and other PD devices. This switch helps to provide an overall solution for Ethernet applications in different environments.

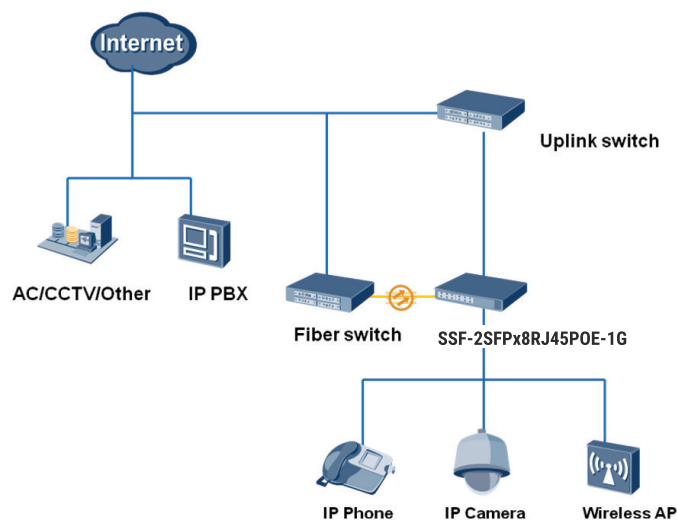
Features

- 8*10/100/1000mbps RJ45 POE+ port,UP-Link 2*1000mbps SFP port
- 100m Transmission Distance,1-8 port support VLAN mode
- Compatible with IEEE802.3AF/AT
- Built-in power supply: 120W PoE (52V 2.3A) Full duplex
- All port supported by MDI/MDIX auto flip and self negotiation
- Supply 8ea 10/100/1000Mbps adaptive high speed forwarding data packet non-lost port.
- Max port power 30W/4 PoE+ or 15W/8 PoE
- Low heat design, safe and reliable, high stability
- Application:² Wireless Access Point² IP Camera
² IP Phone² Computer Networks

Indicators



Applications



NAME	DEFINITION	INDICATION
Power	Power supply indicator	ON when the power supply is turned on and in normal working status
Link/Act	Network port indicator	Lights up when the link is active Blinks when transferring data
FX	SFP optical port indicator	Lights up when the link is active Blinks when transferring data

Technical Specifications

MODEL	SSF-2SFP-8RJ45POE-1G
TP ports (RJ45)	8 x 10/100/1000mbps, 120W, 30W/4 PoE+ or 15W/8 PoE
SFP slots	2 x 100/1000mbps
LEDs	System: Power, PoE Maximum power Per port: Link, Activity, Speed, PoE active, PoE error
Network Protocols	IEEE 802.3i 10Base-T IEEE 802.3u 100Base-Tx IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet
Bandwidth	20Gpbs Full duplex
Buffer memory	48Kb embedded memory
Packet max. size (bytes)	10K
MAC address table size	8K MAC address
Safety	Present
Power input	AC: 110V-240V
Reverse Polarity Protection	Yes
PoE Power	1/2, 3/6, 4/5+, 7/8-
Operating Temp (°C)	-10 ~ 55
Storage Temp (°C)	-40 ~ 70
Operating Humidity	90% maximum relative humidity, non-condensing
Dimensions (mm) *	202 x 140 x 45mm (L*W*H)
Weight (Kg)	0.9Kg, G.W: 1.1Kg
Warranty	2 years

* dimensions are taken with no SFPs inserted, nor power block connectors

Ethernet port (NODE/HUB)

Supports auto MDI/MDIX crossover, RJ-45 pin configuration:

PIN	SIGNAL DEFINE	DIRECTION
Pin1	BI_DA+	Output +
Pin2	BI_DA-	Output -
Pin3	BI_DB+	Input +
Pin4	BI_DC-	Output +
Pin5	BI_DC-	Output -
Pin6	BI_DB-	Input -
Pin7	BI_DD+	Input +
Pin8	BI_DD-	Input -

Troubleshooting

ISSUE	REASON	CHECK	SOLUTION
Power Off	Power Supply	Check power input	Examine the external power supply or turn on the power switch
		Check that power switch is turned on	
FRX Off	Optical port fault	Check fiber link	Examine the fiber link
		Check whether the connection is correct	Correct the connection
TRX Off	TP port fault	Check UTP line	Examine the UTP
		Check whether connection type is matched	Check connection
		Check whether the rate is matched	Correct the rate