

## 2 Ports 10/100/1000M Industrial POE Switch with 1x POE RJ45 ports and 1x SFP

LIPOX2-1SFP is a 1x 10/100/1000M POE RJ45 port and 1x SFP port Industrial POE switch. Its casing is IP40 rated and meet EMC industrial level 4 requirements. Features 6KV network port surge protection which is important for harsh outdoor environment and ensure the reliability of the uninterrupted system.



### FEATURES

- 1 Port 10/100/1000M RJ45 with Auto Uplink™, 1 port 100M SFP
- IEEE802.3AF (15.4W per port) or IEEE802.3AT (25.5W per port)
- Harsh industrial environment or higher requirement
- -40°C ~ +85°C operating temperature range
- Link Fault Pass-through (LFP)
- Automatic MAC address learning and aging
- Support IGMP (Multicasting)
- 10/100/1000Mbps Auto-negotiation, auto-MDI-MDI-X LED indicators for monitoring power/link/activity
- Supports 10/100/1000Mbps-Full/Half-duplex
- Supports Wall-mount and DIN-Rail installation for lightning protection
- Supports Daisy-Chain connection & Broadcast Storm Control
- Supports Relay output for power failure
- Super lightening protection, IP40 protection
- Excellent heat elimination without cooling fan
- Redundant dual DC power inputs

### SPECIFICATIONS

2 Ports 10/100/1000M Industrial POE Switch with 1x POE RJ45 ports and 1x SFP	
Interface	1 x 10/100/1000Base-T RJ45 port + 1x 100Mbps SFP
Performance Specifications	
POE power	15.4W per POE port (IEEE802.3af) 30W per POE port (IEEE802.3at)
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u; 100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 meter) 10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
Performance Specification	Bandwidth: 1Gbps Packet Buffer Memory: 512k Packet Forwarding Rate: 7.44Mpps/port MAC Address Table: 1K
Forwarding Mode	Store-and-Forward
Protection	6KV Lightning protection, IP40 protection
LED Indicators	Power: PWR; Link; PoE; Link/Act
Power Consumption	Input Voltage: DC52V (48~57V) / Terminal block Standby: <4W; Full load: <18W

<i>Enviornmental</i>	
<i>Working Environment</i>	Working temperature: -40°C+ ~ 85°C
	Storage temperature: -40°C+ ~ 85°C
	Relative Humidity: 5%-95 %(no condensation)
<i>Installation</i>	DIN-Rail or Wall mounting
<i>Casing</i>	IP40 protect grade, metal shell
<i>Dimensions</i>	119 x 100 x 30 mm
<i>Weight</i>	0.5kg

## FUNCTIONAL DIAGRAM



## ORDERING INFORMATION

PN	DESCRIPTION
LIPOX2-1SFP - X	2 Ports 10/100/1000M Industrial POE Switch with 1x POE RJ45 ports and 1x SFP
x	
1	F: IEEE802.3af (154W per port)
2	T- IEEE802.3at (30W per port)