

LINOVISION

8 Ports Full Gigabit BT90W PoE++ Switch Quick Guide (POE-SWR708GM-8BT)

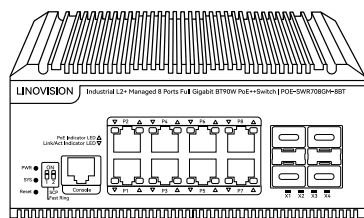


Quick Guide

Overview

This industrial-grade PoE switch offers 8 Gigabit RJ45 ports with PoE and 4 Gigabit SFP slots. It supports IEEE 802.3af/at/bt standards with up to 90W per port. Designed for harsh environments, it features fanless cooling, wide temperature tolerance (-40°C to 75°C), and dual 48–57V DC power inputs for redundancy. It supports ring network protection, VLAN, QoS, and can be managed via Web, Console, Telnet, or SSH.

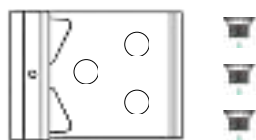
Package Contents



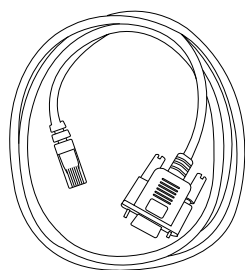
POE-SWR708GM-8BT



Wall Mounting Accessory



DIN-Rail Mounting
Accessory

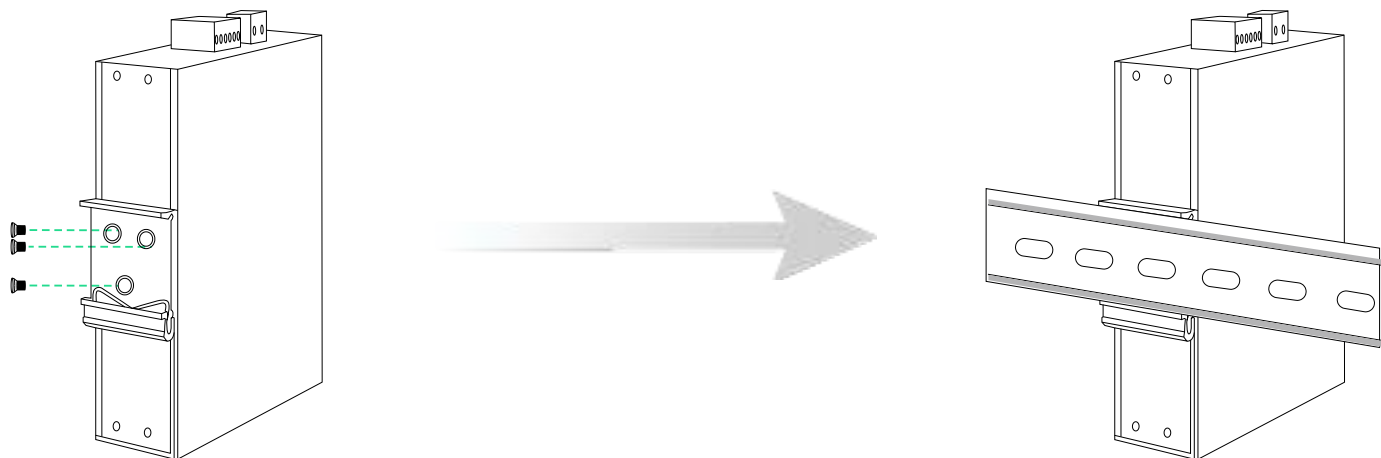


Connecting line

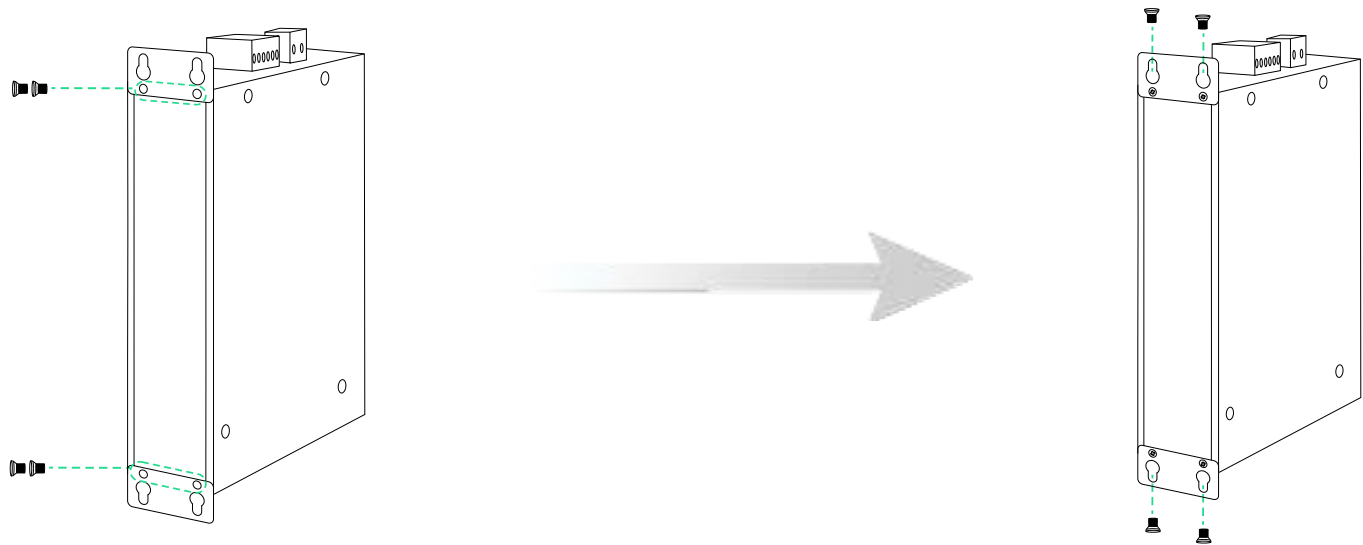


Quick Guide

Installation

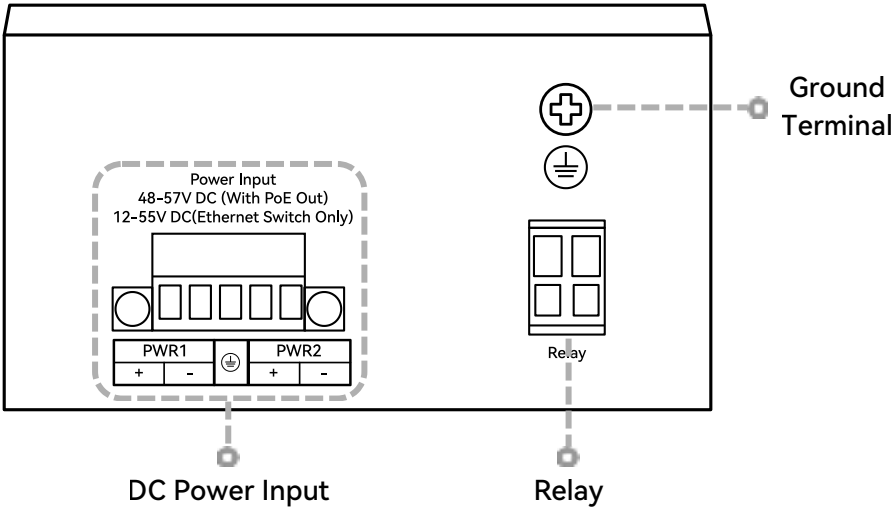
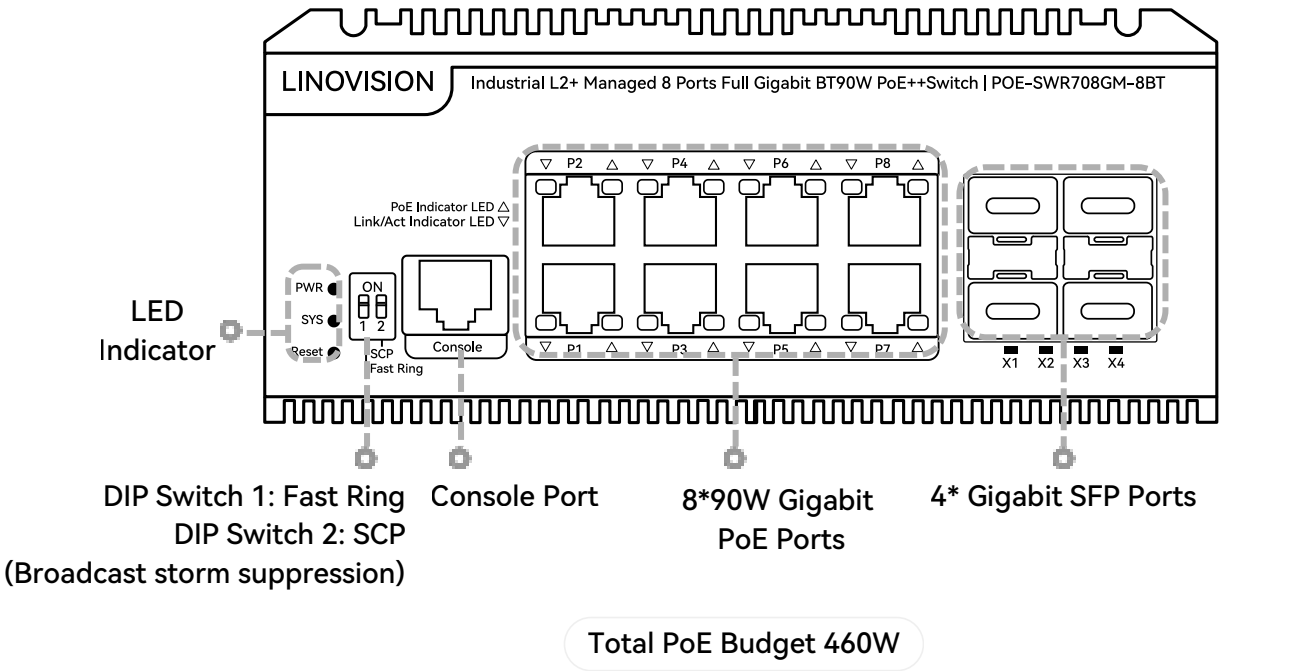


DIN-Rail Mounting

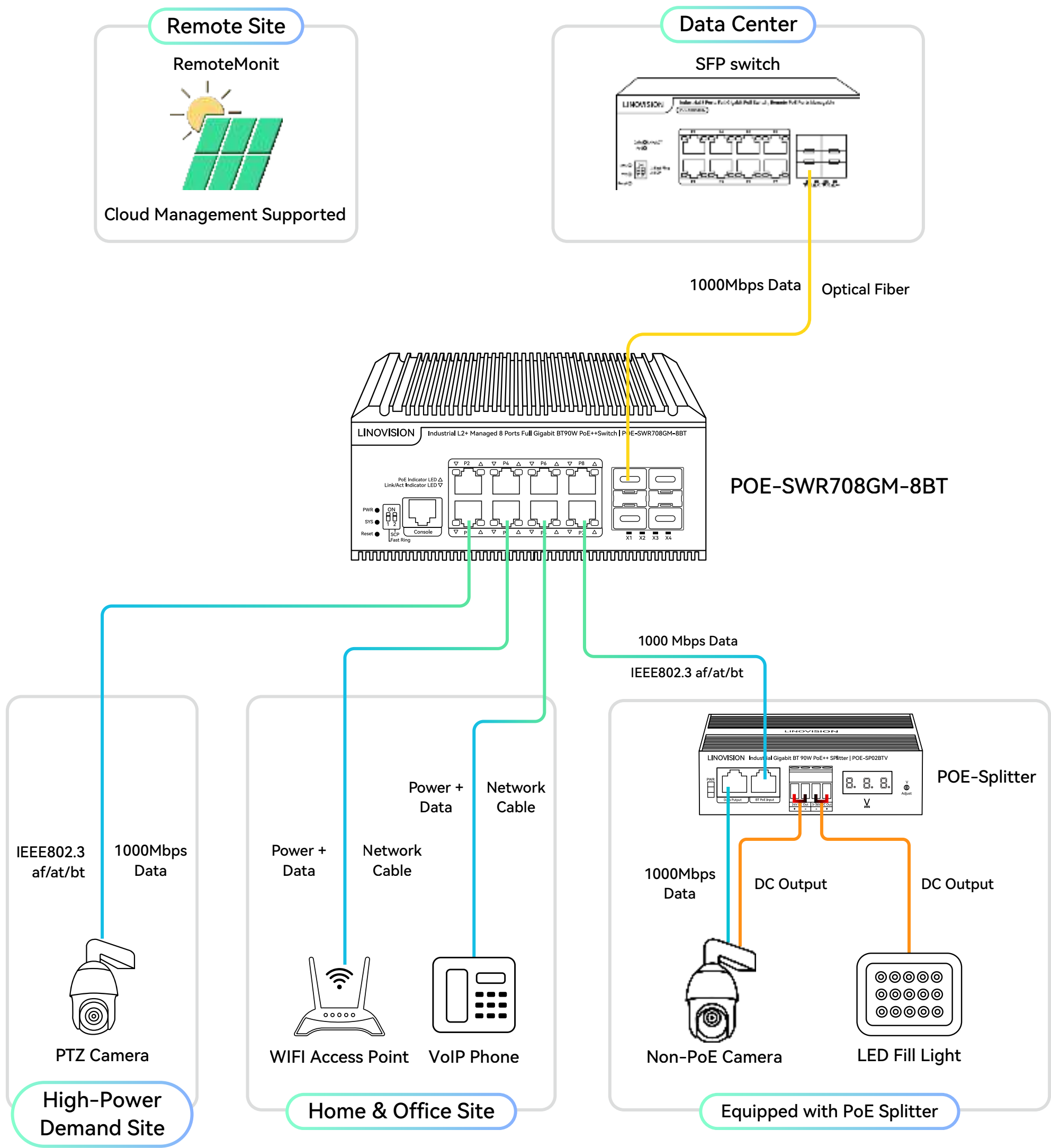


Wall Mounting

Interface



Connection Diagram



Data Sheet

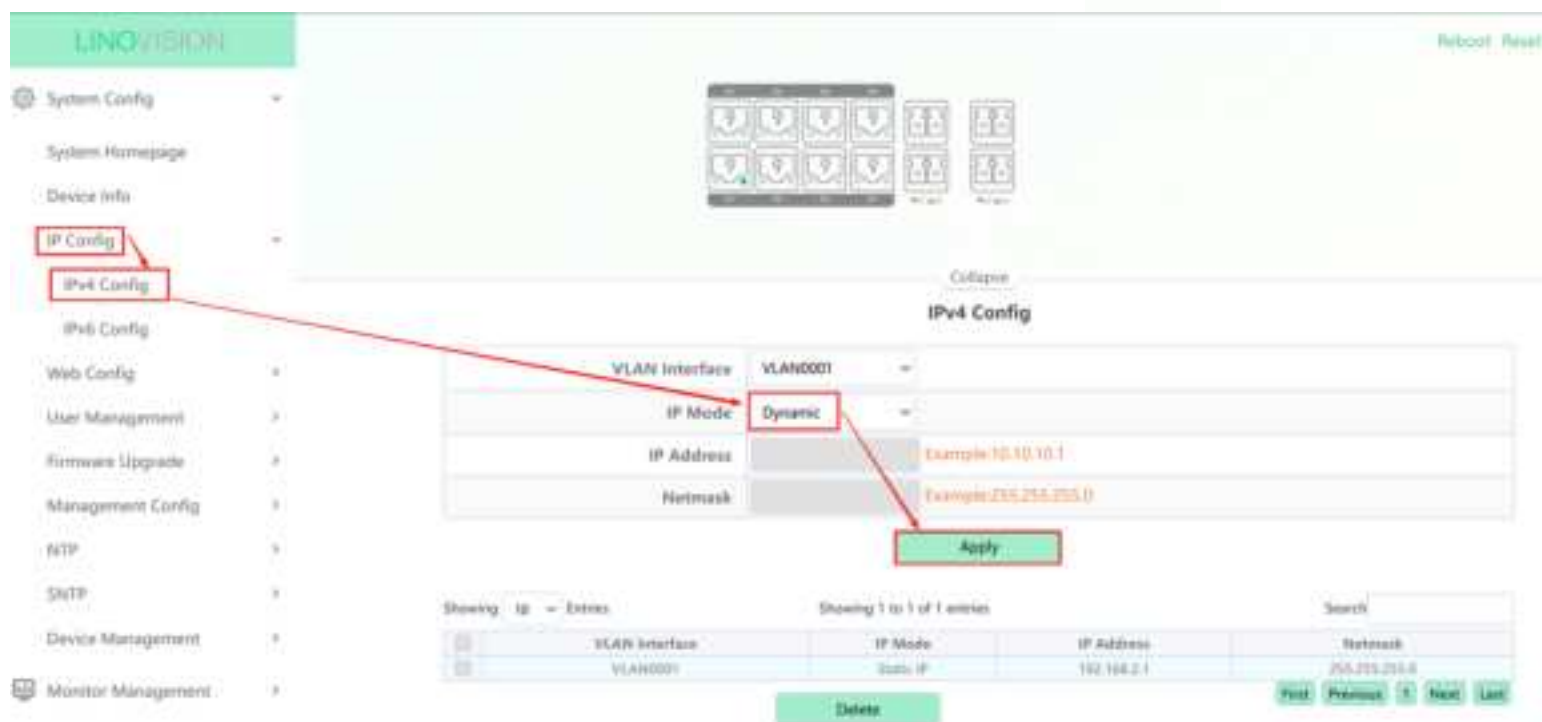
Mechanical Specs	
Dimensions (W*H*D)	145 x 109 x 62 mm (5.71 x 4.29 x 2.44 in)
Weight	1.01 kg (2.22 lb)
Enclosure	Metal
Protection Rating	IP40
Installation	Rack-mount/Desktop mount
Interfaces	
Ethernet Port	8 * 10/100/1000Base-T RJ45 Ports 4 * 1000Base-X SFP Slots
Power Supply	48-57 VDC
Management port	1 * Console RJ45 Port
Standard	IEEE802.3、IEEE802.3u、IEEE802.3ab、IEEE802.3z、IEEE802.3x、IEEE802.1X、IEEE802.1q、IEEE802.1p、IEEE802.1d、IEEE802.1w、IEEE802.3ad、IEEE802.3af、IEEE802.3at、IEEE802.3bt
PoE	
PoE Power Budget	460 W
PoE Outputs	8 * IEEE 802.3bt PoE++ 90 W Ports (Pin 1/2/7/8-, 3/6/4/5+)
Switching Features	
Switching Capacity	24 Gbps
Packet Forwarding Rate	17.86 Mpps
MAC Address Table	8 KB
Packet Buffer	4.1Mbit
Jumbo Frame	10 KByte
Watchdog	Support
Environment	
Operating Temperature	-40°C to 75°C (-40°F to 167°F)
Storage Temperature	-40°C to 80°C (-40°F to 176°F)

Operating Humidity	5% to 90% non-condensing
Storage Humidity	0% to 95% non-condensing
Surge Protection	Differential mode ± 2 KV, Common mode ± 6 KV
Electrostatic Standard	Contact ± 6 KV, Air ± 8 KV
MTBF	>100,000 hours
L3 Features	
DHCP	DHCP/DHCPv6 Server
Route	IPV4/IPV6 Static Routing Route Aggregation
L2 Features	
VLAN	Up to 4,093 VLANs Simultaneously 802.1Q tag-based VLAN Port-based VLAN MAC-based VLAN Protocol-based VLAN IP subnet-based VLAN Voice VLAN Private VLAN Guest VLAN QinQ/Selective-QinQ/Flexible QinQ GVRP/GMRP
IGMP	IGMP Snooping V1/V2/V3 IGMP Proxy
Loop Detection	Loopback Detection of STP ERPS
Spanning Tree Protocol	STP/RSTP/MSTP MSTP 64 instance BPDU Guard/Root Guard/BPDU Tunnel
PoE Management	PoE On/Off Control PoE Budget Config PD Alive Detection Time Schedule PoE
QoS	
Priority Levels	8 Hardware queues
Scheduling	SP/WRR/WDRR Queue Scheduling Algorithm

Class of Services	Based on Port Based on IEEE 802.1p VLAN Priority IPv4/IPv6 IP/DSCP precedence
Security	
IEEE 802.1X	Port access control Mac-address access control
RADIUS/TACACS+	Standard Protocol
Storm Control	Defend Broadcast, Multicast & Unknown unicast
DoS Prevention	Deny DoS Attack
SSL	OpenSSL 1.1.0
ARP	Static ARP ARP Scanning Prevention ARP Spoofing Prevention ARP Guard Gratuitous ARP Dynamic ARP Inspection ARP Quantity Control
ACL	IP-based ACL MAC-based ACL Time-based ACL VLAN-based ACL User defined ACL
Management	
Web GUI	Easy Browser-based Device Configuration
SNMP	SNMP V1/V2c/V3 SNMP Trap
CLOUD Management	LINOVISION RemoteMonit Platform
CLI management	Console/Telnet /SSH
File Management	HTTP/FTP/TFTP

Configuration

- ① Connect the POE-SWR708GM-8BT to a power source, and use an RJ45 cable to connect it to your computer.
- ② Open your network connections and modify the settings for the network interface corresponding to the POE-SWR708GM-8BT. Set the IP configuration to manual and assign the IP address to '192.168.2.2'.
- ③ Open your browser and navigate to the default IP address of the POE-SWR708GM-8BT, "192.168.2.1", and log in with the default username "admin" and password "admin".
- ④ On the sidebar, select "System Settings" - "IP Settings". Set "Auto Obtain IP" to "Enable" and click "Apply" to apply the settings.



- ⑤ Connect the POE-SWR708GM-8BT to the router/gateway with RJ45 cable. Consult your network administrator or go to the router's configuration page to obtain the new IP address of the POE-SWR708GM-8BT.
- ⑥ Save all your settings in the top right corner of the web page.