LINOVISION

POE-SWR510GMP

Outdoor Waterproof 8 Ports Full Gigabit L2+ Cloud Managed PoE Switch with 2 SFP Uplinks

POE-SWR510GMP is an 8 ports L2+ Remotely Managed Outdoor PoE switch. It offers 8 IEEE802.3af/at standard PoE Gigabit RJ45 ports and 2 SFP Gigabit ports. It is a L2+ managed switch with complete L2 management features and some basic L3 features. With a total 140W PoE power supply, this switch supports powerful PoE outputs for PD devices like IP cameras, wireless bridges, or DC12/24V devices with extra PoE splitters. Furthermore, this L2+ PoE switch can be remotely managed through **RemoteMonit** Cloud or 3rd party cloud.

Outstanding Features

- **L2+ Remote Cloud Managed:** Complete L2+ management functions like VLAN, QoS, ACL, Static Routing, Link aggregation and automatic ONVIF cameras discovery. This PoE switch is capable of remote monitoring and controlling PoE ports from a central Cloud, such as turning PoE on/off, adjusting speed, priority, and PoE budget settings.
- **Full Gigabit Ports:** 8* 30W PoE Ports, 2* Gigabit Uplink Ports. All PoE ports support 10/100/1000Mbps self-adaptive. Total PoE budget 140W.
- **Flow Control:** Support IEEE802.3x full-duplex flow control and Backpressure half-duplex flow control.
- **All-In-One Outdoor Enclosure:** One-piece molded shell and seamless design with an IP65 Waterproof rating, making it perfect for the harshest outdoor environments. With 4KV Surge protection, your devices and data are safe from power surges and lightning strikes.

Specification

Hardware Specification

POE-SWR510GMP	
Mechanical	
Dimensions (W*H*D)	13.40×8.50×3.03″(341×215×77mm)
Input Power Supply	100 to 240V AC, 50/60Hz
Weight	2.34lb(1.06kg)
Material	ABS high-polymer alloy
Installation	Pole mount; Wall mount (brackets included)
Interface	
Connector	8* 10/100/1000Mbps PoE RJ45 Ports
	2* 1000Mbps SFP Slots
Ethernet	
Processing Type	Store-and-Forward
Forward Speed	14.88Mpps
Switching Capacity	20Gbps
Jumbo Frame	9K Bytes
Packet Buffer	4.1Mbit
MAC Address Table	8K, Auto-learning, Auto-updating
PoE	
PoE Standard	IEEE 802.3af/at
PoE Power Supply Mode	Mode A: 1/2 (+), 3/6 (-)
PoE Power Output	30W(MAX)
PoE Budget	140W
Environmental	
Operating Temperature	-4°F to 140°F(-20°C to 60°C)
Storage Temperature	-40°F to 158°F(-40°C to 70°C)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 90% non-condensing
Surge Protection	Common mode ±4KV; Differential mode ±2KV
Electrostatic Standard	Contact ±6KV; Air ±8KV
MTBF	> 50,000 hrs

Software Specification

L3 Features	
DHCP at Layer3	DHCP/DHCPv6 Server
	DHCP Client
Route	IPV4/IPV6 Static Routing
	Route Aggregation
Port Grouping/Link Aggregation	IEEE 802.3ad Link Aggregation Control Protocol
	Static Link Aggregation
L2 Features	
VLAN	Up to 4,093 VLANs Simultaneously
	802.1Q tag-based VLAN
	VLAN Translation; N:1 VLAN Translation
	Access/Trunk/Hybrid
	MAC-based VLAN
	VLAN Filter
	Protocol-based VLAN
	IP subnet-based VLAN
	Voice VLAN
	Private VLAN
	Guest VLAN
	QinQ/Selective-QinQ/Flexible QinQ
	GVRP/GMRP
Spanning Tree Protocol	STP/RSTP/MSTP
	MSTP 64 instance
	BPDU Guard/Root Guard/BPDU Tunnel
DHCP at Layer2	Work with DHCP Option 82/43/60/61/67
IGMP	IGMP Snooping V1/V2/V3
	IGMP Proxy
	Fast Leave
LLDP	IEEE 802.1ab
	LLDP-MED
Network Loop Detection	Loopback Detection
	ERPS
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 precedence
	IPv4/IPv6 DSCP precedence

Software Specification (Continued)

Security	
IEEE 802.1x	Port Based Authentication
	MAC Based Authentication
	EAPoR
BPDU	BPDU Guard
	Root Guard
	BPDU Tunnel
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
RADIUS/TACACS+	Standard Protocol
Storm Control	Defend Broadcast, Multicast & Unknown unicast
DoS Prevention	Deny DoS Attack
SSL	OpenSSL 1.1.0
Management	
Web GUI	Easy Browser-based Device Configuration, HTTP/HTTPS, SSL/TLS
SNMP	SNMP V1/V2c/V3
	SNMP Trap
CLOUD Management	LINOVISION RemoteMonit Platform or 3rd party Cloud platforms
Command Line	Telnet/SSH
File Management	HTTP/FTP/TFTP

Package included

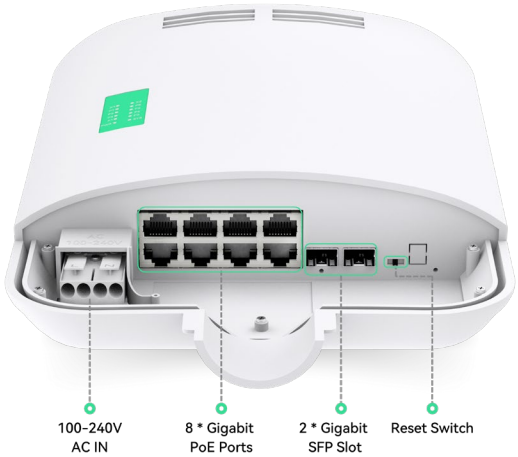
POE-SWR510GMP

Metal Straps

User Maunal

Interface

Panel View



Dimension

Weight:1.06 kg (2.34 lb)

Disclaimer: Technical specifications may subject to change without prior notice