LINOVISION

POE-SW324GM-4BT

Full Gigabit 24 Ports L2 Managed 370W PoE Switch with 4 802.3BT Ports



The POE-SW324GM-4BT is a 24 ports L2 Managed Full Gigabit PoE Switch, featuring 4* 10/100/1000Mbps IEEE802.3bt PoE ports, 20* 10/100/1000Mbps IEEE802.3at PoE ports, 4* self-adaptive Gigabit Ethernet Combo ports, and 4* Gigabit SFP Combo ports. It is a L2 managed switch with complete L2 management functions. Each port from Port 1 to Port 4 supports a maximum output of 90W, and each Port 5 to Port 24 supports a maximum output of 30W. With a total power budget of 370W, it supports powerful PoE outputs for PD devices like IP cameras, wireless bridges, or DC 12/24V devices with extra PoE splitters.

Outstanding Features

- **Supports IEEE 802.3bt:** Up to 90W output on Port1-4. Backward compatibility with IEEE 802.3af/at, ensures broad device support.
- **Built-in 370W PoE Power:** Maximum 370W high output power with 4* BT 90W Ports and 20* AT 30W Ports. It can support multiple high-power PoE devices, such as PTZ cameras, PoE lights, Wireless AP.
- **Full Gigabit Ports:** Features 4* 10/100/1000Mbps PoE++ ports, 20* 10/100/1000Mbps PoE+ ports, and 4* Gigabit Combo Ports. Each Combo Port comes with one RJ45 port and one SFP port.
- **L2 Managed:** Supports L2 management functions like VLAN, QoS, ACL and PoE control (turn On/Off PoE). It can be managed via WEB, CLI or SNMP.
- **Solid Design:** Full metal enclosure with 6KV surge protection, this switch shields against power surges, lightning strikes, and voltage spikes.

Specification

Hardware Specification

POE-SW324GM-4BT	
Mechanical	
Dimensions (W*H*D)	17.32×11.42×1.75" (440×290×44.5mm)
Input Power Supply	100 to 240V AC, 50/60Hz
Weight	9.92lb (4.5kg)
Material	Aluminum
Installation	Rack-mounted installation; Desktop Installation
Interface	
Connector	24* 10/100/1000Mbps PoE RJ45 Ports
	4* 10/100/1000Mbps RJ45 Combo Ports
	4* 1000Mbps SFP Combo Ports
Ethernet	
Processing Type	Store and Forward
Packet forwarding rate	47.61Mpps
Switching Capacity	64Gbps
MAC Address Table	16k
PoE	
PoE Standard	IEEE 802.3af/at/bt
PoE Power Supply Mode	4 Pairs: 12/45 (+), 36/78 (-)
PoE Power Output	Max. 90W (Port 1 to Port 4)
PoE Total Budget	370W
Environmental	
Operating Temperature	14˚F to 113˚F (-10˚C to 45˚C)
Operating Humidity	5% to 95% non-condensing
ESD Protection	6KV

Software Specification

L2 Features	
VLAN	Up to 256 VLAN groups, out of 4094 VLAN IDs
	802.1ad Q-in-Q tunneling
	802.1Q tag-based VLAN
	Protocol-based VLAN
	Voice VLAN
	Private VLAN
	GVRP/GMRP
Link Aggregation	IEEE 802.3ad LACP and static trunk
	Supports 8 groups of 8-port trunk
Spanning Tree Protocol	STP, IEEE 802.1D Spanning Tree Protocol
	RSTP, IEEE 802.1w Rapid Spanning Tree Protocol
	MSTP, IEEE 802.1s Multiple Spanning Tree Protocol
DHCP at Layer2	DHCP Snooping and DHCP Option82
IGMP	IGMP Snooping V2/V3
	IGMP Querier
	Up to 256 multicast groups
MLD Snooping	MLD (v1/v2) snooping, up to 256 multicast groups
Network Loop Detection	Loopback Detection
	ERPS
PoE Management	PoE On/Off Control
	Automatic restarting function of equipment dead machine Timing
	Standard POE scheduling management Power and current display
	Support IP bindings restarting
QOS	
Priority Levels	8 Hardware queues
Scheduling	Traffic classification based, strict priority and WRR
Class of Services	Based on Port
	Based on IEEE 802.1p VLAN Priority
	Based on IEEE 802.1Q VLAN tag
	IPv4/IPv6 IP precedence
	IPv4/IPv6 DSCP precedence

Software Specification (Continued)

Security	
IEEE 802.1x	Port Based Authentication
	MAC Based Authentication
	EAPoR
	IP source guard
BPDU	STP BPDU Guard
	Root filtering
	BPDU forwarding
ARP	ARP Inspection
ACL	IP-based ACL
	MAC-based 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 Remote / Local Syslog,System log,LLDP protocol ,SNTP
SNMP	SNMP V1/V2c/V3
	SNMP Trap
	SNMP MIBs
Command Line	Telnet/SSH
File Management	HTTP/FTP/TFTP

Package included



POE-SW324GM-4BT



Power Adapter



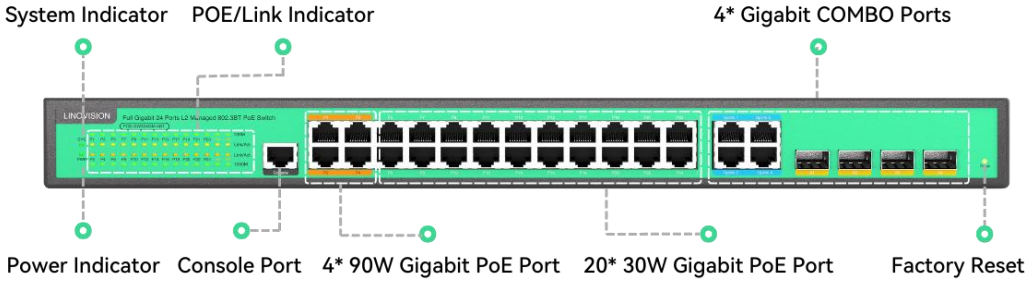
Rack Mount Accessory



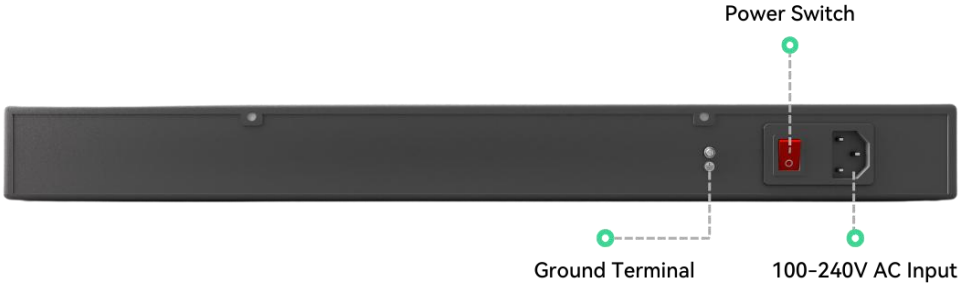
User Manual

Interface

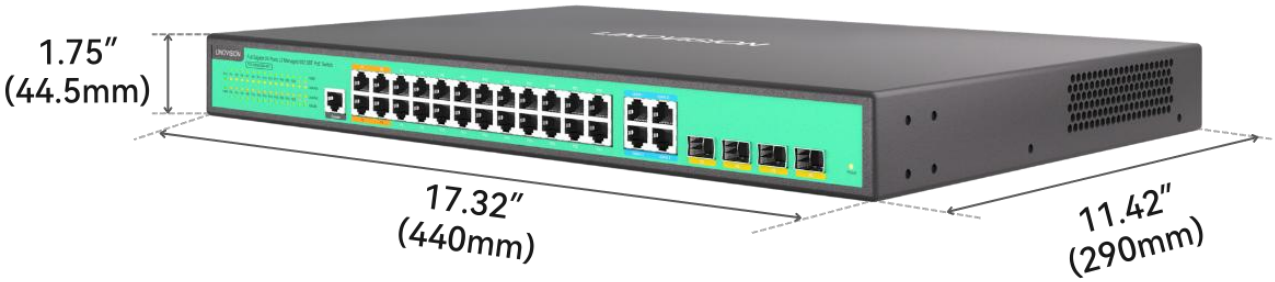
Front View



Rear View



Dimension



*Disclaimer: Technical specifications may subject to change without prior notice