

POE-SWR724GM-24BT

24 Ports Full Gigabit BT90W PoE++ Switch with 4 * 10G SFP+ Uplinks , Total PoE Budget 720W.



Outstanding Features

L2/L3 Remote Cloud Managed

- Compatible with Static/Dynamic Routing Protocols (RIP v1/v2, OSPFv2, BGP4).
- Supports VLAN, ERPS, STP/RSTP/MSTP, Link aggregation, IGMP snooping, port mirroring.
- Management via WEB, CLI, or RemoteMonit (Linovision Cloud Service).

Powerful Physical Interface

- Total 720W power with 24 * BT90W PoE++ ports.
- 4 * 10G SFP+ uplinks and 24 * Gigabit PoE ports.

Reliability

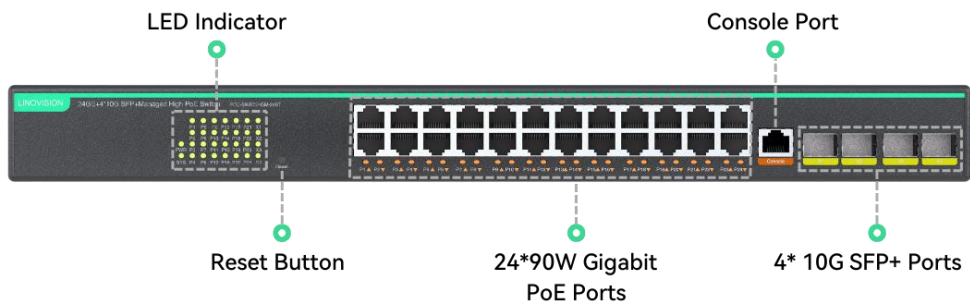
- PD Alive automatically detects and restarts unresponsive PoE devices.
- ERPS Ring with $\leq 50\text{ms}$ self-healing.

Industrial Design

- IP40 Metal shell & Fans with power-dependent speed control.
- Support Rack-mount & Desktop mounted installation.
- Wide working temperature 0°C to 50°C (32°F to $+122^{\circ}\text{F}$).
- 4KV surge immunity and 8KV ESD protection.

Interface

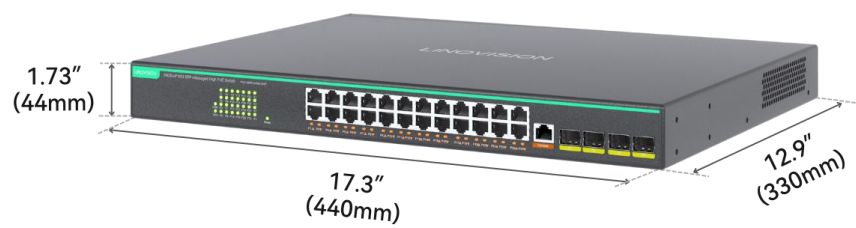
Front View



Back View



Dimension



Hardware Specifications

Mechanical Specs

Dimensions (W*H*D)	52.5 x 40 x 58 mm (17.32 x 12.99 x 1.73 in)
Weight	6 kg (13.2 lb)
Protection Rating	IP40
Material	Metal
Installation	Rack-mount/Desktop mounted

Interfaces

Power Supply	100-240 V, AC
Ethernet Port	24 * 10/100/1000Base-T RJ-45 Ports 4 * 10G SFP+ Slots
Management port	1 * Console RJ45 Port
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3ae, IEEE 802.3x, IEEE 802.1D, IEEE 802.1w, IEEE 802.1Q, ITU-T G.8032, IEEE 802.1X, IEEE 802.1ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt

PoE

PoE Power Budget	720 W
PoE Outputs	24 * IEEE 802.3bt PoE++ 90 W Ports (Pin 1/2/7/8+, 3/4/5/6-)

Switching Features

Switching Capacity	128 Gbps
Packet Forwarding Rate	95.23 Mpps
MAC Address Table	16 KB
Packet Buffer	12 Mbit
Jumbo Frame	12 KByte
Watchdog	Support

Environment

Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Surge Protection	Differential mode ±2 KV, Common mode ±4 KV
Electrostatic Standard	Contact ±6 KV, Air ±8 KV
MTBF	>100,000 hours
Certification	CE/UKCA/FCC

Software Specifications

L3 Features	
DHCP	DHCP/DHCPv6 Server
Route	IPv4/IPv6 Static Routing
	Route Aggregation
RIP	RIP v1/v2
OSPF	OSPF v2
BGP	BGP4
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
LLDP	IEEE 802.1ab
	LLDP-MED
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 precedence
	IPv4/IPv6 DSCP precedence

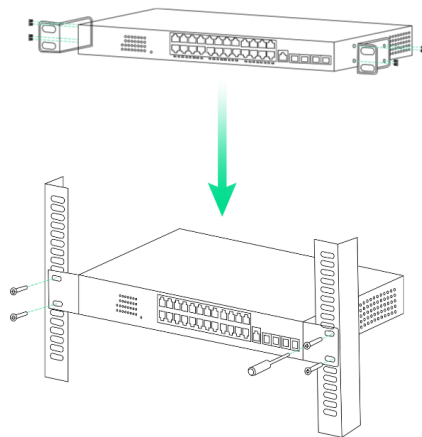
Security`

IEEE 802.1X	Port access control
	Mac-address access control
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

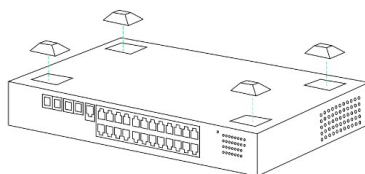
Management

Web GUI	Easy Browser-based Device Configuration
SNMP	SNMP V1/V2c/V3
	SNMP Trap
CLOUD Management	LINOVISION RemoteMonit Platform
CLI management	Console/Telnet /SSH
File Management	HTTP/FTP/TFTP

Installation



Rack-mount Installation



Desktop Mount Installation

Package Contents



POE-SWR724GM-24BT



Console Cable



Wall Mounting Accessory



Rubber Feet



Power adapter



User Manual