

IP24GESP2

IP ETHERNET SWITCH

24 Port Gigabit Layer 2 Managed PoE Switch



Key Features

- 6KV lightning protection
- Short cut functions: AI VLAN, AI Extend 1~8 port 250m PoE distance, AI PoE, AI QoS (video priority)
- Support based on the port number, IP address, MAC address and user access restrictions
- Supports PoE and settings for PoE port priority
- Supports L2 (Layer 2) ~ L4 (Layer 4) packet filtering
- Supports multi-cast suppression
- Supports loop protection, root bridge protection, TC protection, BPDU protection and BPDU filtering
- Supports broadcast suppression
- Supports unknown unicast suppression
- Supports static aggregation
- Supports dynamic aggregation
- Supports IP, MAC and hybrid load balancing modes
- Supports up to 32 aggregation groups
- Supports Web network management (HTTP, HTTPS, SSL, V3)
- Supports SNMP V1/V2/V3
- Supports LLDP, RMON,
- Supports ARP protection, IP source protection, DoS protection
- Supports Ping, Tracert detection and cable detection

The Genie **IP24GESP2** is a 24 port managed PoE switch designed for security transmission and Wi-Fi coverage. It can meet the PoE power supply requirements of Wi-Fi AP, IP camera, Wi-Fi bridge, IP phone and other types of equipment. The product adopts a new generation of high-performance hardware and software platforms to provide flexible, cost-effective access and Gigabit uplink ports for complete security protection. It's easy to manage and maintain, and meet user requirements for network equipment for high security but at a low-cost. The **IP24GESP2** is applicable to network access, aggregation, and core application scenarios of many applications.



genie

Specification

Software

Protocol Standard	IEEE 802.3: Ethernet Media Access Control (MAC) Protocol IEEE 802.3i: 10BASE-T Ethernet IEEE 802.3u: 100BASE-TX Fast Ethernet IEEE 802.3ab: 1000BASE-T Gigabit Ethernet IEEE 802.3z: 1000BASE-X Gigabit Ethernet (fiber) IEEE 802.3ad: Standard method for performing link aggregation IEEE 802.3x: Flow control IEEE 802.1p: LAN Layer 2 QoS/Cos protocol for traffic priority (multi-cast filtering) IEEE 802.1q: VLAN IEEE 802.1d: STP Spanning tree IEEE 802.1s: MSTP Spanning tree IEEE 802.1w: RSTP Spanning tree IEEE 802.3af IEEE 802.3at	Access Control (ACL) Supports L2 (Layer 2) ~ L4 (Layer 4) packet filtering Supports port mirroring, port redirection, flow rate limiting, QoS re-marking
Shortcut Function	Quality of Service (QoS) Supports 8 port queue Supports port priority, 802.1p priority, DSCP priority	
DHCP VLAN	Spanning Tree Supports STP (IEEE 802.1d), RSTP (IEEE 802.1w) and MSTP (IEEE 802.1s) protocol Supports loop protection, root bridge protection, TC protection, BPDU protection, BPDU filtering	
MAC Address Table	Multicast Supports IGMP v1/v2 Snooping Supports fast leave mechanism Supports multicast VLAN Supports multicast filtering, packet statistics, and unknown multicast discards.	
Safety	Storm Suppression Supports multicast suppression Supports broadcast suppression Supports unknown unicast suppression Supports static aggregation Supports dynamic aggregation Supports IP, MAC, and hybrid load balancing modes Supports up to 32 aggregation groups	
PoE Management	IPv6 Supports IPv6 Ping, IPv6 Tracert, IPv6 Telnet Supports IPv6 SSH, IPv6 SSL	
	Management and Maintenance Supports WEB network management (HTTP, HTTPS, SSL V3) Supports CLI (Telnet, SSH V1/V2, local serial port) Supports SNMP V1/V2/V3 Supports LLDP, RMON Supports ARP protection, IP source protection, DoS protection Supports CPU monitoring, memory monitoring Supports system log, grading warning Supports Ping, Tracert detection, cable detection	

Specification

Hardware

Network Standard	IEEE 802.3i IEEE 802.3u IEEE 802.3x IEEE 802.3ab IEEE 802.3af IEEE 802.3at
Port	24 10/100/1000Mbps RJ45 port 2 gigabit SFP 1 Console
PoE	24 10/100/1000Mbps RJ45 port support PoE+ Max 150W Single port max 46W
LED's	26 Link/Act LED'S 24 PoE LED's 1 SYS LED 1 Power LED
Performance	Forwarding mode: Store and forward Bandwidth: 52Gbps Packet forwarding rate: 38.688Mpps 8K MAC address table
Lightning Protection	6KV
Input	100–240V/50–60Hz
Dimensions	440 × 180 × 44 mm