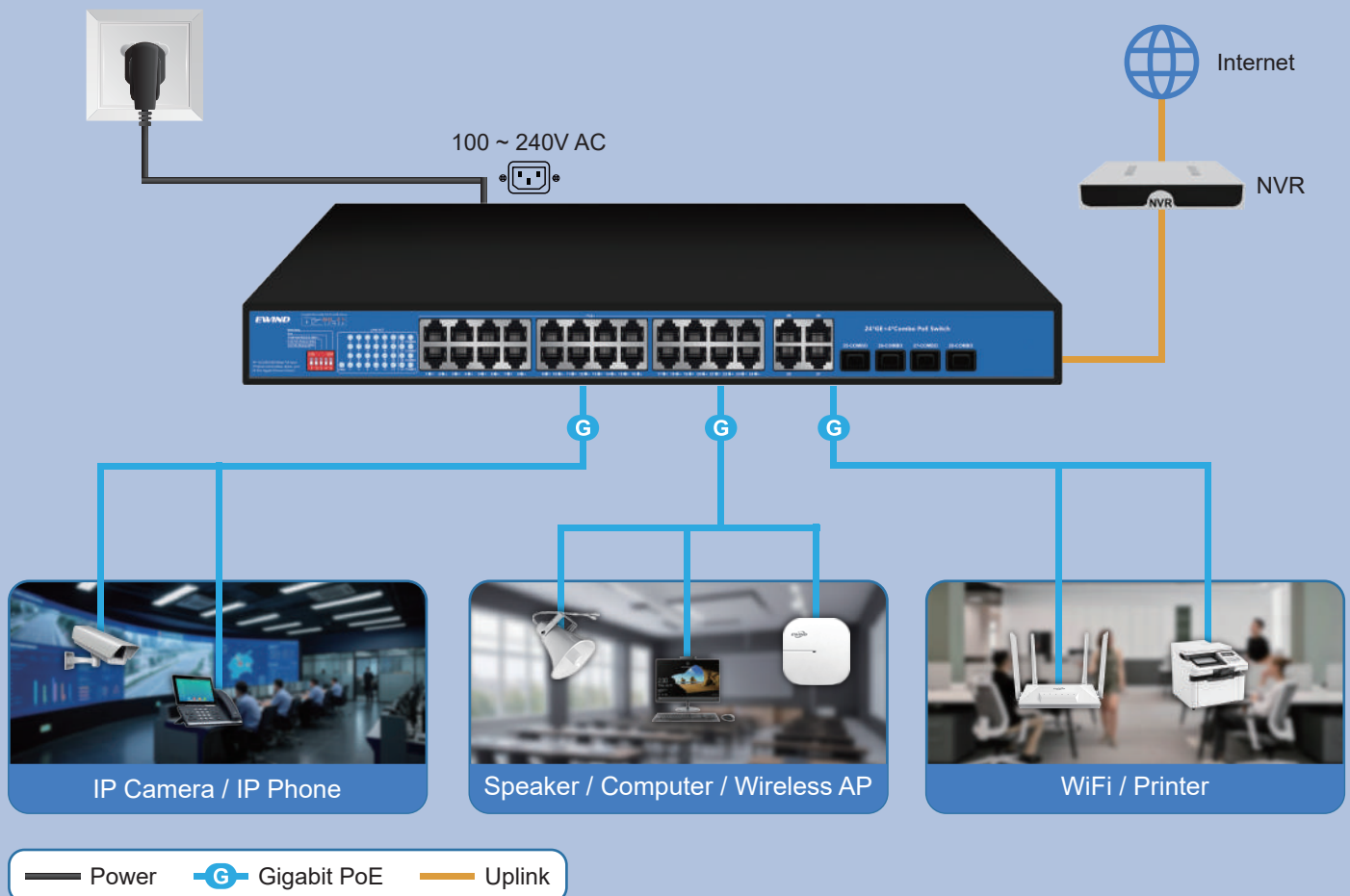


## 24/48-Port Full Gigabit Unmanaged PoE Switch

The EW-S1932CGU-AP and EW-S1950CG-AP are a full Gigabit unmanaged PoE switch . The PoE interface of this product can provide a maximum output power of up to 30 watts.

And the EW-S1932CGU-AP is equipped with an independent Dip-switch that can separately control the PoE extension, VLAN, and AI monitoring functions. These functions take effect without the need to restart the power supply, and are easy to operate and flexible. With its efficient power supply capability and intelligent function design, this series of switches is highly suitable for network application scenarios that require stable and high-power Ethernet power supply.



## Features

### • Extend 300M Long Distance Transmission

In long-distance deployment scenarios, AI expansion can extend a single port to transmit up to 300 meters while automatically adjusting the speed (with a speed limit of 10Mbps), and other ports can maintain 1000M within 100 meters.

### • VLAN

In the network, to isolate network access between different departments, prevent virus-infected PCs from affecting the entire network, virtual local area networks are divided into different VLANs to isolate broadcast domains and enhance network stability. This also improves network management efficiency and security.

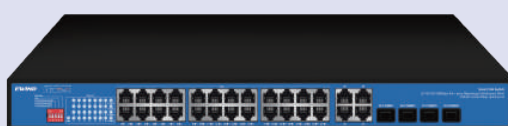
### • AI Watchdog

It can automatically detect the operating status of the equipment. When a port failure is detected, it will automatically attempt to restore the connection and restart the abnormal device, thereby reducing maintenance costs and improving system stability, and minimizing manual intervention to the greatest extent.

### • Port Priority

When the power supply is insufficient, intelligent power-off is carried out based on the port number to achieve priority power supply for important equipment.

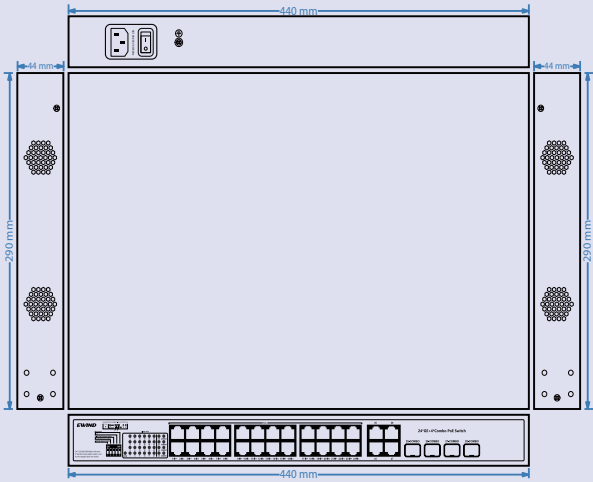
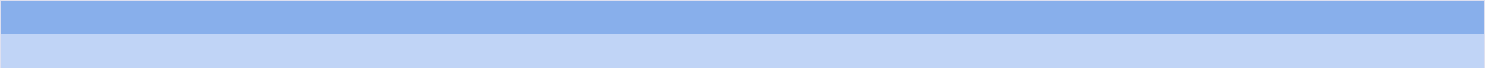
## Technical Specifications



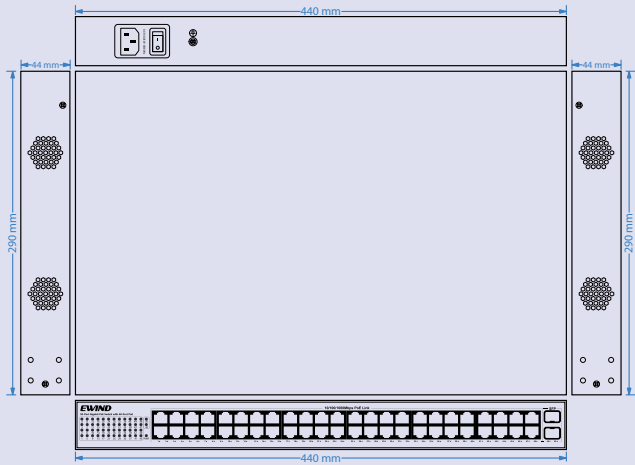
| Model              | EW-S1932CGU-AP                                                                                             | EW-S1950CG-AP                                                                                             |
|--------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| PoE Ports          | 24*10/100/1000Mbps                                                                                         | 48*10/100/1000Mbps                                                                                        |
| Uplink Ports       | 4*combo ports                                                                                              | 2*1000Mbps SFP ports                                                                                      |
| Switching Capacity | 56Gbps                                                                                                     | 100Gbps                                                                                                   |
| Forwarding Rate    | 41.66Mpps                                                                                                  | 74.44Mpps                                                                                                 |
| MAC Address Table  | 8K                                                                                                         | 8K                                                                                                        |
| Buffer Memory      | 4M                                                                                                         | 4M                                                                                                        |
| Power Supply       | 400W                                                                                                       | 400W                                                                                                      |
| Power Consumption  | Standby:<15W;Full load:<400W.                                                                              | Standby:<15W;Full load:<400W.                                                                             |
| LED Indicator      | Power indicator: PWR (Green);<br>Network indicator: 1-24(Link/Act)/ (Green);<br>25-32 (Link/Act)/ (Green). | Power indicator: PWR (Green);<br>Network indicator: 1-48(Link/Act)/ (Green);<br>49-50(Link/Act)/ (Green). |
| Dimension          | 440*290*44mm                                                                                               | 440*290*44mm                                                                                              |
| Net /Gross Weight  | <4.0kg / <4.5kg                                                                                            | <4.0kg / <4.5kg                                                                                           |

| Model                      | EW-S1932CGU-AP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EW-S1950CG-AP |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Network Protocol           | IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T;IEEE802.3x; IEEE802.3z 1000base-X;IEEE802.3u 100Base-FX.                                                                                                                                                                                                                                                                                                                                                                                                 |               |
| DIP-switch (EVD) Functions | With the Dial code switch, support port priority by default.<br>E: AI Extend 300meters transmission and auto speed change of single port (limit 10Mbps), other ports maintain 1000M within 100 meters;<br>1: Port 1-8 POE extend 300 meters;<br>2: Port 9-16 POE extend 300 meters;<br>3: Port 17-24 POE extend 300 meters<br>5-V: Turn on, Each Port support each port Isolation & VLAN;<br>6-D: Turn on, Each Port support AI-PoE Network self-healing mode (PoE Watchdog function), Automatic solve the camera problem & reduce after-sale. | Non           |
| PoE standard               | PoE Ports support @IEEE802.3af/at.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |
| Ethernet Port Feature      | 10/100/1000Base-T(X) automatic detection, full/half Duplex MDI/MDI-X adaptive                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |
| Fiber Port Feature         | Gigabit SFP Port (Fiber module is not included, need to order separately, module options include single/multi-mode, single/dual fiber, LC)                                                                                                                                                                                                                                                                                                                                                                                                     |               |
| Forwarding Mode            | Store and Forward                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |
| Twisted Pair Transmission  | 10BASE-T: Cat5 UTP (≤300 meter)<br>100BASE-TX: Cat5 or later UTP (≤100 meter)<br>1000BASE-T: Cat5 or later UTP (≤100 meter)                                                                                                                                                                                                                                                                                                                                                                                                                    |               |
| Power Supply Pin           | Default 1/2(+), 3/6(-).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |
| Power Supply               | Built-in power supply AC100~240V 50-60Hz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |
| Operation TEMP / Humidity  | -20~+55°C;5%~90% RH non condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |
| Storage TEMP / Humidity    | -40~+75°C;5%~95% RH non condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |
| Installation Method        | Desktop type, Rack mounted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |
| Protection                 | IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge;<br>IEC61000-4-5(Lightning protection/Surge): Power:CM±4kV/DM±2kV; Port: ±4kV.                                                                                                                                                                                                                                                                                                                                                                                                  |               |
| Protection Level           | IP30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |
| Certification              | CCC;CE mark,commercial;CE/LVD EN60950;FCC Part 15 Class B;RoHS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |
| Warranty                   | 3 years,lifetime maintenance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |

# Appearances and Dimensions



EW-S1932CGU-AP



EW-S1950CG-AP

## Packing list

| CONTENT                      | QTY | UNIT |
|------------------------------|-----|------|
| Full Gigabit PoE Switch      | 1   | 1    |
| User Guide and Warranty Card | 1   | 1    |
| AC Power Cord                | 1   | 1    |

## Contact us

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