

EG-SWU-1401-26GPS

Device Specification



24-PORT GIGABIT LAYER 2

Smart POE switch



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Introduction

EG-SWU-1401 series of smart and un-managed Ethernet switches, is an innovative and cost effective device series suitable for the market. The 26GPS model is a POE capable device with the following specifications which makes it suitable for many use cases.

- Smart POE Switch,
 - 2 1000Mbps SFP ports,
 - 24 1000M RJ45 ports (250M POE is available).
 - Support IEEE802.3af/at, single port output maximum power 30W
 - Power supply: 250W
 - 5 working modes:
 - Standard mode: All ports communicate freely;
 - AI VLAN: Avoid the internet storm and enhance the network ability;
 - AI Extend: Extend 250M transmission;
 - AI PoE: Automatic self-checking, reboot the device while find it fake dead;
 - AI QoS, Video data first, more fluent transmission.
- monitoring, teleconferencing systems, and wireless coverage.

Device Description

Intelligent Control

Standard switching mode: All ports communicate freely, suitable for ordinary data transmission environment.

- AI VLAN mode: Separating 1-24 ports from each other, can effectively restrain network storm and improve network performance.
- AI Extend mode: Designed for monitoring application scenarios, 1-8 ports support 250 meters long distance power supply.
- AI PoE mode: Automatic self-checking, reboot the device while find it fake dead
- AI QoS mode: Video data first, more fluent transmission
- Intelligent PoE management: Custom port PoE output power, custom PD working time, and custom port priority.

POE Functionality

- 24 1000M RJ45 ports support PoE+ power supply, which meets the requirements of PoE power supply in security monitoring, teleconferencing systems, and wireless

coverage.

- Support IEEE802.3af/at standard protocol, single port maximum PoE output power is 30W, no need to worry about PoE or non-PoE devices with private standards will be corrupted.

Transmission Stability

- With power circuit protection, it can protect the security and stability of the back-end equipment.
- All ports support non-blocking wire-speed forwarding for smoother transmission.

Green Energy

- Intelligent power supply, the lowest power consumption, to ensure the power consumption of the PD terminal.
- No fan design, energy saving and environmental protection; no noise, reducing the impact on the environment.
- Support port no link power saving function.

Simple Operation

- Zero configuration characteristic power supply, plug and play, no configuration, simple and convenient.
- The user can easily understand the working state of the equipment through power and port status indicator (Link/Act).

Appearance and Hardware description

Front Panel

Including indicators, RJ45 port, SFP Port, DIP switch as shown in following figure:



Figure 1 Front panel view

Indicators

LED	Name	Color	Working states	Declaration
POWER	Power LED	Red	ON	power normally
			Off	Don't have power, power switch don't turn on, power abnormal
LINK/ACT(25,26)	Device connection LED	Green	blink	Corresponding already connect normally
			Off	Corresponding port don't connect normally

Shortcut button

- Ai QOS: Improve video data processing capabilities and improve the monitoring of Caton and Mosaic phenomena in the network
- Ai Extend: 1-8 port rate down to 10Mbps, but the transmission distance up to 250 meters
- Ai VLAN: Isolating ports 1-8 from each other, suppress network storms effectively and improve network performance
- Ai poE Detect PD, power failure and restart dead equipment

RJ45 Port

- EG-SWU-1401-26GPS with 24 10/100/1000Mbps PoE port, all ports support IEEE802.3af and IEEE802.3at standard.
- When the switch mode of operation is CCTV mode, 1-8 port can support 250 meters power supply with 10Mbps speed rate
- 2 SFP Ports as Uplink

Rear Panel



Figure 2 Back panel view

● Power socket

Connection power cord to POE switch EG-SWU-1410-26GPS power supply is AC100-240V~50/60Hz.

● Ground terminal

Please use guide line ground connection, in case lighting stroke. In order to avoid the product sustain lighting stroke and extend using lifetime.

Hardware Specification

Table 1 Hardware Specification

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 ports
	2 Gigabit SFP ports
PoE	24 10/100Mbps RJ45 PoE ports
	Total power budget: 250W
	Single port max. 30W
Indicator	26 Link/Act indicator light
	16 POE indicator light
	1 Power indicator light
Performance	forwarding mode: storage forwarding
	Backplane bandwidth: 52Gbps
	Packet forwarding rate: 38.69Mpps
	Support 8K MAC address list depth
Input power	100-240V/50-60Hz
Dimensions (L×W×H)	440mm×180mm×44mm

Ordering information

Ordering information for this device is as follows:

Table 2 Ordering information

EG-SWU-1401 -26GPS	24 10/100/1000 RJ45 plus 2 SFP uplink Ports smart POE Ethernet switch
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Table 3 Spare part ordering

EG-SWU-1401-PC	Power Cable
EG-SWU-1401-RK	Spare Rack mount Kit