

Product Datasheet

5-port Gigabit Smart PoE Switch

(GWS-H3054PEBS)



OVERVIEW

The GWS-H3054PEBS is a smart PoE switch. It has 4*10/100/1000M RJ45 ports and 1*10/100/1000M uplink RJ45 port. Port 1-4 can support IEEE 802.3 af/at PoE standard and single-port PoE power up to 30W. PoE port can support the watchdog servo function. When the port communication fails, the corresponding port PoE will automatically restart and restore network communication. PoE power supply has a delayed start function. The port power supply is turned on in sequence (within 2 seconds) to prevent the load from starting up with excessive current, and the power supply causes power overload protection. As a PoE power supply device, it can automatically detect and identify the power-receiving device that meets the standard and power it through the network cable. It can power wireless AP, IP camera, network phone, video access control intercom, and other PoE terminal devices through the network cable to meet the network environment that requires a high-density PoE power supply. It is suitable for small and medium-sized enterprises such as hotels, campuses, parks, banks, hospitals, and factories to

build economical and efficient networks. Unmanaged mode, plug and play, no configuration, simple and convenient to use.

FEATURE

■ Gigabit access

- ◇ Support non-blocking wire-speed forwarding.
- ◇ Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
- ◇ Provide 5*10/100/1000Base-T RJ45 ports that allow users to flexibly network to meet the networking requirements of various scenarios.

■ Smart PoE power supply

- ◇ 5*10/100/1000Base-T RJ45 ports support PoE power to meet the needs of PoE power in various scenarios in the security field.
- ◇ Comply with IEEE 802.3 af/at PoE standard, automatically identify PoE devices for power supply, and not damage non-PoE devices.
- ◇ PoE port can support the watchdog function, which can automatically detect the data communication status in real time. When the port load crashes, the corresponding port PoE will automatically restart and repair the network communication.
- ◇ PoE port has a delayed startup function. The ports start completely within 2 seconds from left to right (the first port) to prevent the instantaneous unified power supply from causing instantaneous overload and power overload protection. It effectively solves the problem of power overload protection caused by capacitive load or large power required at startup.

■ Stable and reliable

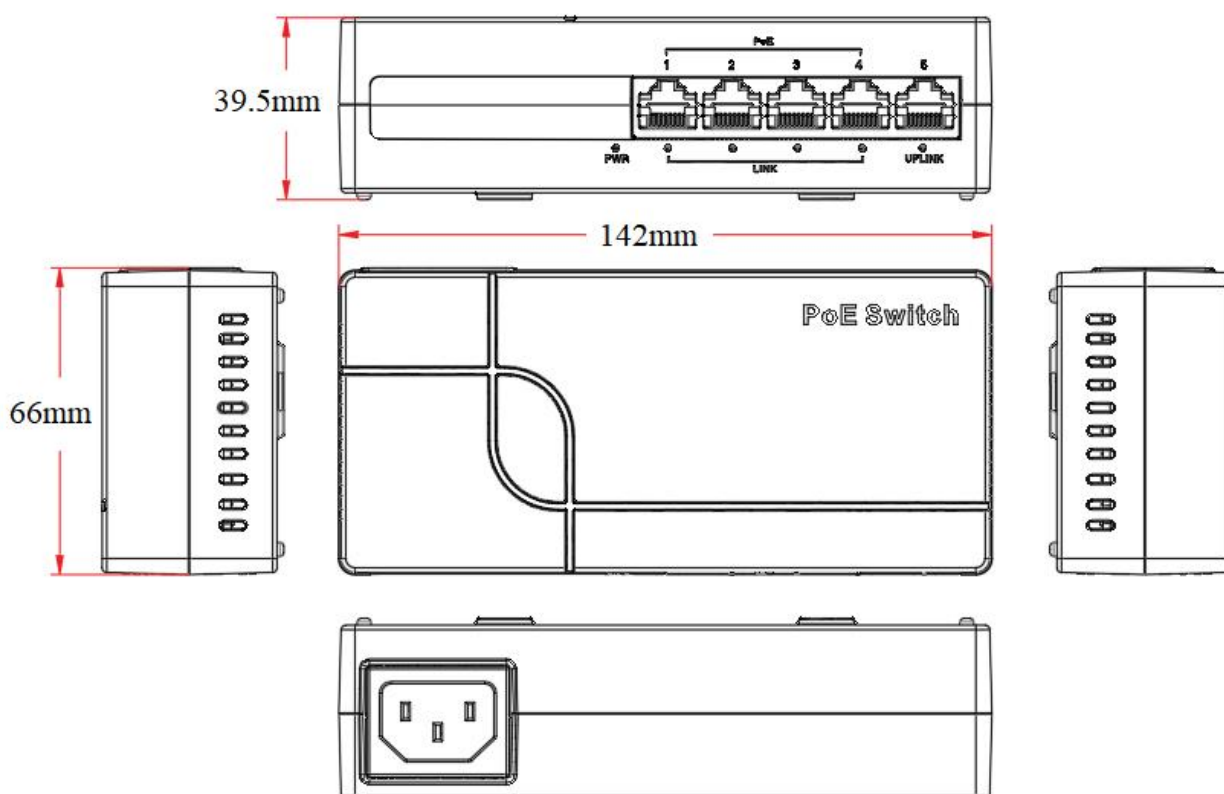
- ◇ Plug and play, no configuration, easy to use and maintain.
- ◇ The user-friendly panel can show the device status through the LED indicator of P and Link.
- ◇ Low power consumption, no fan, plastic housing, ventilation holes on the side, and excellent heat dissipation to ensure stable operation of the switch.

TECHNICAL SPECIFICATION

| Model | GWS-H3054PEBS |
|----------------------------------|--|
| Interface Characteristics | |
| Fixed Port | 4*10/100/1000Base-T PoE ports (Data /Power) 1*10/100/1000Base-T uplink RJ45 port (Data) |
| Ethernet Port | Port 1-5 can support 10/100/1000Base-T(X) auto-sensing, full/ half duplex MDI/ MDI-X self-adaption |
| Twisted Pair Transmission | 10BASE-T: Cat3,4,5 UTP (≤ 100 meters) 100BASE-TX: Cat5 or later UTP (≤ 100 meters) 1000BASE-T: Cat5e or later UTP (≤ 100 meters) |
| Chip Parameter | |
| Network Protocol | IEEE 802.3 10BASE-T, IEEE 802.3i 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3x |
| Forwarding Mode | Store and Forward(Full wire speed) |
| Switching Capacity | 10Gbps (non-blocking) |
| Forwarding Rate@64byte | 7.44Mpps |
| MAC | 2K |
| Buffer Memory | 1M |
| Jumbo Frame | 16K |
| LED Indicator | Power: PWR (Green), Network: Link (Green) |
| PoE& Power Supply | |
| PoE Port | Port 1-4 |
| Power Supply Pin | 1/2(+) 3/6(-) |
| Max Power Per Port | 30W, IEEE 802.3 af/at |
| Total PWR/ Input Voltage | 65W/ (AC100-240V) |
| Power Consumption | Standby<4W, full load<60W |
| Power Supply | Built-in power supply, AC100-240V 50-60Hz, 1.0A |
| Physical Parameter | |

| | |
|------------------------------------|--|
| Operation Temp/ Humidity | -20~+50°C, 5%~90% RH non condensing |
| Storage Temp/ Humidity | -40~+75°C, 5%~95% RH non condensing |
| Dimension (L*W*H) | 142*66*39.5mm |
| Net /Gross Weight | 0.26kg/ 0.3kg |
| Installation | Desktop, Wall mount |
| Certification& Warranty | |
| Lightning Protection | Lightning protection: 4KV 8/20us, Protection level: IP30 |
| Warranty | 1 year, lifelong maintenance. |

DIMENSION



ORDERING INFORMATION

| Model | Description | Built-in Power Supply |
|---------------|--|-----------------------|
| GWS-H3054PEBS | Smart PoE switch with 5*10/100/1000M RJ45 ports. Port 1-4 can support IEEE 802.3 af/at PoE standard. It has watchdog function and delayed start function. Built-in power supply. | 65W |

PACKING LIST

| Packing List | Content | Qty | Unit |
|--------------|---|-----|------|
| | 5-port Gigabit smart PoE switch | 1 | Set |
| | AC Power Cable | 1 | PC |
| | User Guide | 1 | PC |
| | Warranty Card and Certificate of Conformity | 1 | PC |

CONTACT US



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