



Model: GS1026PS2

24-Port Gigabit PoE+ Switch  
with 2 GbE and 2 Gigabit SFP



24

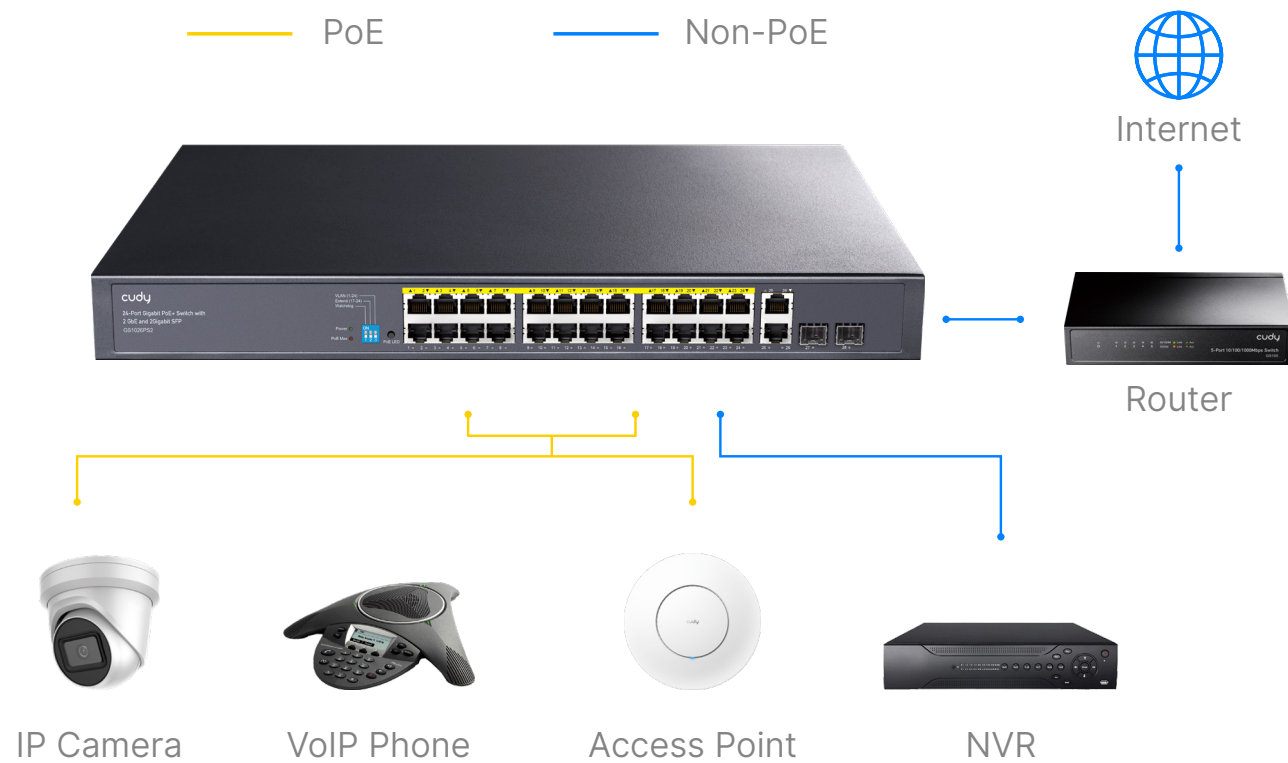
PoE+ Ports

300W

Power Supply



Watchdog

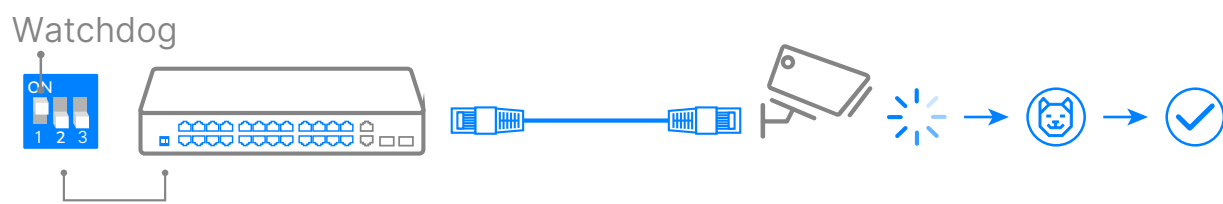


## PoE Status

Check the PoE powering status of each PoE port and improve efficiency of troubleshooting.

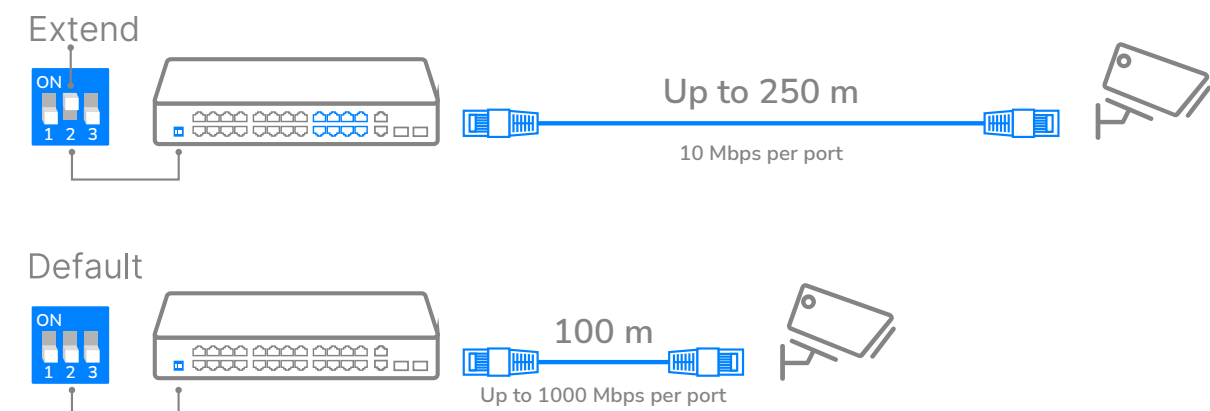
## Watchdog for Improved Reliability

The PoE Watchdog monitors link activity on port 1~24 and attempts to reboot connected clients that have been inactive for 5 minutes, ensuring system stability. Do not turn it on for clients with online auto-upgrade feature.



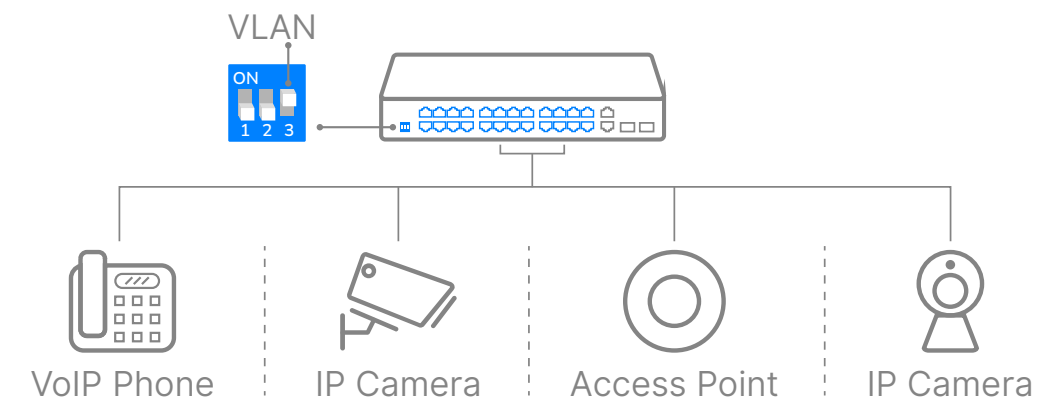
## Extend for Long-Range Powering

Prolongs the PoE transmission distance of ports 17~24 to a maximum of 250 m, enabling long-range surveillance installations.



## VLAN Mode for Port Isolation

Separates clients into different subnets for improved security, preventing data leakage in case of client-side hacking.





# Highlights

A rack-mounted 26-GbE, 2-SFP PoE switch with a 300W power supply and a active fan cooling system.

- 24× GbE with 802.3at/af PoE
- 2× Uplink GbE + 2× Uplink SFP
- 300W Power Supply
- Extend On/Off, VLAN On/Off
- Watchdog On/Off
- PoE Max, PoE per Port LED
- Smart Fan Cooling
- Desktop, Rack-Mount
- 440×180×44 mm (17.32×7.09×1.73")

# Specifications

|           |                 |                     |
|-----------|-----------------|---------------------|
| Switching | 802.3 Protocols | 802.3i 10BASE-T     |
|           |                 | 802.3u 100BASE-TX   |
|           |                 | 802.3ab 1000BASE-T  |
|           |                 | 802.3z 1000BASE-X   |
|           |                 | 802.3x Flow Control |
|           |                 | 802.3af PoE         |
|           |                 | 802.3at PoE         |
|           |                 |                     |

|            |                                    |   |
|------------|------------------------------------|---|
| Interfaces | Gigabit SFP Slots                  | 2   |
|            | Gigabit RJ45 Ports                 | 26  |
|            | Gigabit RJ45 PoE Ports             | #1~#24  |
|            | Max Power on a Single PoE Port     | 30W   |
|            | PoE Port Notes                     | The PoE ports comply with IEEE 802.3at/af standards.  |
|            | Intelligent Power Management (PoE) | Automatically disconnect the lastly powered device when power exceeds budget.   |
|            | Extend Mode Ports                  | #17~#24   |
|            | VLAN Mode Ports                    | #1~#24  |
|            | LED                                | Power   |
|            |                                    | PoE Status of Each PoE Port   |
|            |                                    | Link/ACT of Each Ethernet Port  |
|            |                                    | PoE Max Status  |
|            | Power Input                        | AC Inlet  |
|            | Physical Buttons                   | Extend On/Off   |
|            |                                    | VLAN On/Off   |
|            |                                    | PoE Watchdog On/Off   |
|            |                                    | PoE LED Toggle  |
|            | Physical Buttons Note              | The PoE Watchdog will attempt to reboot the plugged-in clients that have been inactive for 5 minutes. Do not turn it on for clients with online auto-upgrade feature. |



# Specifications

|             |                                |   |
|-------------|--------------------------------|---|
| Performance | Copper Speed and Distance      | Cat. 3 or higher cable: 100 meters at 10 Mbps<br>Cat. 5 or higher cable: 100 meters at 100 Mbps<br>Cat. 5e or higher cable: 100 meters at Gigabit<br>Cat. 5e or higher cable: 250 meters at 10 Mbps |
|             | Copper Speed and Distance Note | 250-meter transmission is only available on the Extend Mode ports when the Extend Mode is activated.  |
|             | Optical Spec and Distance      | Depends on the Installed Optical Module   |
|             | MAC Address Table              | 8192  |
|             | Max Switching Capacity         | 56 Gbps   |
|             | Max Forwarding Rate            | 41.664 Mpps   |
|             | Jumbo Frame                    | 15 KB   |
|             | Packet Buffer                  | 3 Mbit  |
| Power       | Power Methods                  | AC  |
|             | AC                             | 100-240V 50/60Hz  |
|             | Power Supply                   | 300W  |
|             | Max Power Excluding PoE        | 20W   |
| Reliability | Fans                           | 1   |
|             | Fans Note                      | Smart Cooling: The fan speed adjusts in real time based on power consumption.   |

|             |                   |  |
|-------------|-------------------|--|
| Reliability | Grounding Methods | Three-Prong Plug   |
|             | EMS               | IEC/EN 61000-4-2, Level 3 ESD:<br>Contact: 6kV; Air: 8kV                             |
|             |                   | IEC/EN 61000-4-5, Level 4 Surge:<br>Power: DM 2kV, CM 4kV; RJ45: CM 4kV              |
|             |                   | Operating Temperature: 0~40 °C (32~104 °F)   |
|             |                   | Storage Temperature: -40~70°C (-40~158 °F)   |
|             |                   | Operating Humidity: 10~90% non-condensing<br>Storage Humidity: 10~95% non-condensing |
| Mechanical  | Dimension         | 440×180×44 mm  |
|             |                   | 17.32×7.09×1.73 inches   |
|             | Product Weight    | TBD  |
|             | Casing Material   | Metal  |
|             | Installation      | Desktop, Rackmount via Brackets  |
|             |                   |  |

## Package Content

- GS1026PS2
- Power Cord
- Mounting Kit
- Installation Guide