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# **SG1026UP**

26-Port Gigabit Unmanaged POE Switch

## Products Description

SG1026UP is a unmanaged PoE switch independently designed by TG. With a maximum PoE power output of 370 W, and 30 W for a single port, it can supply power when transmitting data with APs, IP cameras, and IP phones. The switch is an ideal choice for SMBs, hotels, schools, factories with video surveillance and wireless networking requirements.

## Main Features

* 24 \* 100/1000Mbps Base-T RJ45 ports for data transmission and power supply,2\*1000 Mbps Base-X SFP slots.
* 8K MAC address table and MAC address auto-learning.
* IEEE 802.3x-compliant full-duplex flow control and half-duplex backpressure flow control.
* 52Gbps backplane bandwidth
* The entire switch offers a maximum PoE power output of 370 W, and 30 W for a single port, to supply power to and data transmission with 24 PoE-powered devices such as APs and IP cameras.
* The switch’s uplink gigabit port prevents bottleneck in the uplink transmission, and up to 24 IP cameras can be connected to the switch for data transmission without network lag.

## Product Specifications

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| **Product Information** | |
| Product Model | **SG1026UP** |
| **Hardware specifications** | |
| Fixed Ports | 24\*10/100/1000 Base-T ports(POE)  2\* 1000 Base-X SFP ports |
| Max Output Power(single port) | 30W |
| Total Power Consumption | 400W |
| PoE Pin-out | 1/2(+),3/6(-) |
| Switching capacity | 52Gbps |
| Forwarding Rate | 39Mpps |
| Temperature | Operating temperature: (-10 - 50)°C  Storage temperature: (-40 - 70)°C |
| Humidity | Operating humidity: (10% - 90%) RH, non-condensing  Storage humidity: (5% - 90%) % RH, non-condensing |
| Dimensions(L\*W\*H) | 440(L)\*280(W)\*44(H)mm |
| Power | AC:100～240VAC,50～60Hz |
| Power consumption | 400W output the whole device |
| Weight | <6Kg |
| Lightning protection | 2KV |
| MAC address table | 8K |
| LED Indicator | Power,,Link/Act,POE |
| **Software specifications** | |
| Standard | IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab |
| Forwarding mode | Store-and-forward |

## Order Information

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| **Product Information** | **Detailed information** |
| SG1026UP | 24\*10/100/1000 Base-T ports(POE/POE+), 2\* 1000 Base-X SFP ports, Total Output Power: 400W. |
| **Transceivers** | |
| SFP-GE-SX-MM850 | 1000BASE-SX SFP Transceiver, Multi-Mode (850nm, 550m, LC) |
| SFP-GE-LX-SM1310 | 1000BASE-LX SFP Transceiver, Single Mode (1310nm, 20km, LC) |
| SFP-GE-SC-1310 | SFP Gigabit optical module, TX1310/RX1550 (20km, SC) |
| SFP-GE-SC-1550 | SFP Gigabit optical module, TX1550/RX1310 (20km, SC) |

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