# POE SWITCH SYSTEM PRODUCTS

Unmanaged PoE switch 24x10/100/1000M RJ45 ports and 2x1000M uplink SFP fiber slot ports, Built-in 400W/600W.



## **OVERVIEW**

The SW-UM-24PG-2SFP series is a full gigabit ummanaged PoE fiber switch independently developed by Focomm. It has 24\*10/100/1000M RJ45 ports and 2\*1000M SFP slot ports. Port 1-24 can support IEEE 802.3af/at standard PoE power supply. singleport PoE power reaches 30W, and the maximum PoE output power is 400W( 600W ). As a PoE power supply device, it can automatically detect and recognize the powerreceiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP, visual intelligent building intercom through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprises. Unmanaged model, plug and play, no configuration, easy to use.



## **FEATURE**

## Full gigabit access, full-line speed forwarding

- All series supports "gigabit Ethernet port and gigabit SFP fiber port " combination, which enables users to flexibly build networking to meet the needs of various scenarios.
- Support non-blocking wire speed forwarding .
- Support full duplex based on IEEE802.3x and half duplex based on backpressure .

## Intelligent PoE power supply funcation

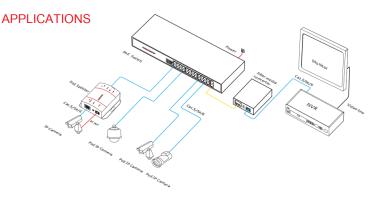
- 24\*10/100/1000Base-T RJ45 ports support PoE power supply to meet the needs of PoE power supply in security monitoring, teleconferencing systems, and wireless coverage.
- Conforms to the IEEE 802.3af/at PoE power supply standard, automatically recognizes PoE devices for power supply, without damaging non-POE devices. The maximum POE output power of the entire device reaches 400W (600W), and the maximum POE output power of a single port is 30 W.
- The PoE port supports the priority mechanism. When the remaining power is insufficient, the power supply of the high-priority port is preferentially guaranteed to prevent the device from being overloaded.

## The equipment is stable and reliable

- The host has low power consumption, active cooling design of the fan, galvanized steel and metal casing, and super heat dissipation to ensure stable operation of the product.
- The equipment fully meets the requirements of CCC; CE, FCC and RoHS safety regulations, and is safe and reliable.
- Focomm self-developed power supply, high redundancy design, provides long-term stable PoE power output.

# Easy to operate

- Plug and play, no configuration, simple and convenient.
- The user can easily understand the working status of the device through the power indicator (PWR), port status indicator, and PoE operation indicator.



## FOCOMM (THAILAND) CO., LTD

12 Soi Sukhaphiban 5 Soi 5 Yaek 3, Tha Raeng Subdistrict, Bang Khen District Bangkok 10220 Email: info@focomm-cabling.com www.focomm-cabling.com









# **SPECIFICATIONS**

| SPECIFICATIONS  |  |   |  |
|---|--|---|--|
| Model   | SW-UM-24PG-2SFP  | SW-UM-24PG-2SFP-600W                            |  |
| Interface   | 24*10/100/1000Base-T PoE ports (Data /Power)                                     |   |  |
|   | 2*1000Base-X uplink SFP ports (Data)   |   |  |
| POE Port  | Port1-24 can support POE @ IEEE802.3af/at  |   |  |
| Network Protocol  | IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;   |   |  |
|   | IEEE802.3u 100Base-TX  |   |  |
|   | IEEE802.3ab 1000Base-T   |   |  |
|   | IEEE802.3z 1000Base-X  |   |  |
|   | IEEE802.3x   |   |  |
| PoE Standard  | IEEE802.3af/at international standard  |   |  |
| Ethernet Port Feature   | Port 1-24 can support 10/100/1000Base-T,auto-sensing, full/half duplex MDI/MDI-X |   |  |
| Fiber Port Feature Gigabit SFP optical fiber interface, default m |  | hing optical modules, need to buy separately,   |  |
|   | (Optional single-mode / multi-mode, single fiber / dual fiber module, LC).       |   |  |
| Forwarding Mode   | Store and Forward (Full wire speed)  |   |  |
| Switching Capacity  | 52Gbps   |   |  |
| Forwarding Rate@64byte  | 38.69Mpps  |   |  |
| MAC   | 8K   |   |  |
| Buffer Memory   | 4M   |   |  |
| Forwarding delay  | <10us  |   |  |
| Twisted Pair Transmission   | 10BASE-T: Cat3,4,5 UTP(≤100 meter)   |   |  |
|   | 100BASE-TX: Cat5 or later UTP(≤100 meter)  |   |  |
|   | 1000BASE-T: Cat5e or later UTP(≤100 meter)                                       |   |  |
| Optical Fiber cable   | Multi-mode:850nm 0~550M.Single-mode:1310nm 0~40KM,1550nm 0~120KM.                |   |  |
| Power Supply Pin  | Default: 1/2(+),3/6(-)   |   |  |
| Max /Average Power Per Port                                       | 30W/15.4W  | 30W/30W   |  |
| Total PWR / Input Voltage   | 400W (AC100-240V)  | 600W (AC100-240V)                               |  |
| Power Consumption   | Standby<25W;Full load<380W   | Standby<26W;Full load<600W                      |  |
| LED indicator   | Power indicator: PWR (green); network indicato                                   | r:1-24/G1-2 (green); PoE indicator: PoE (green) |  |
| Power Supply  | Built-in power supply, AC 100~240V 50-60Hz 5A                                    | Built-in power supply, AC 100~240V 50-60Hz 6.6A |  |
| Operation TEMP / Humidity   | -20~+55°C;5%~90% RH Non condensing   |   |  |
| Storage TEMP / Humidity   | -40~+75°C;5%~95% RH Non condensing   |   |  |
| Dimension (L*W*H)   | 440*225*44mm   | 440*290*44.5mm                                  |  |
| Net /Gross Weight   | <3.5kg / <4.0kg  | <4.0kg / <4.8kg                                 |  |
| Installation Method   | desktop type ,wall mounted,19 inch 1U cabinet installation                       |   |  |
| Lightning protection / protection level                           | Port Lightning Protection: 4KV 8/20us; Protection Level: IP30                    |   |  |
| Certification   | CCC; CE mark, commercial ;CE/LVD EN60950;FCC Part 15 Class B; RoHS               |   |  |
| Warranty  | 3 years, lifetime maintenance  |   |  |
|   |  |   |  |

## **ORDER INFOMATION**

Built-in 600W

| PRODUCT  | PART NUMBER          |
|--|----------------------|
| Unmanaged PoE switch 24x10/100/1000M RJ45 ports and 2x1000M uplink SFP fiber slot ports, | SW-UM-24PG-2SFP      |
| Built-in 400W  |                      |
| Unmanaged PoE switch 24x10/100/1000M RJ45 ports and 2x1000M uplink SFP fiber slot ports, | SW-UM-24PG-2SFP-600W |