# geMaxx

## 26 Port Gigabit PoE Switch with 24 Gigabit PoE Ports and 2 Gigabit Fiber Ports

- Supply power to 5 classes Ethernet wireless access point (AP) and network surveillance cameras (PoE)
- Port1 to Port24 compatible with IEEE802.3af standard power Supply (Maximum power of each port is 15.4W)
- 24x 10/100 /1000Mbps automatic adjustment RJ45 PoE ports, 2x 10/100 /1000Mbps SFP fiber uplink ports
- Meets the standards of the IEEE 802.3af/ IEEE 802.3/ IEEE 802.3u/ IEEE 802.3x/ IEEE 802.3ab standard
- The packet forwarding speed of the wire-speed port is 1.488Mbps
- Network port has lighting-proof function (AC power port: differential mode +/-2kV, common mode +/-4kV)
- All ports support wire-speed switching, frame size within the range of 64 to 1536 can achieve wire-speed
- 1U Rack mounted design, easy to install and use
- Automatic adjustment, plug and play, no need software and protocol conversion
- QOS,RSETMSTP, IGMP; RADIUS and 802.1X certification

## Description

The 26-Port gigabit PoE ports provide fast connection to servers or the backplane of the gigabit speed. It features with PoE (Power Over Ethernet) function through different power levels of PoE power supply, that is it can supply the 48V DC power to the PD remote devices (e.g. IP Phone, WLAN AP, Security, Bluetooth AP etc.) via a network cable, in order that realizing the power supply for remote PD devices. As the power supply PSE (Power Sourcing Equipment) side device, which supports the standard IEEE802.3af power standard and single-port power is 15.4W.
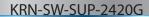
This cost-effective KRN-SW-SUP-2420G is perfectly suitable for security surveillance/ small business/ home use. It comes with excellent lightning-proof capabilities and security features. The product adopts the standard rack metal housing design and is easy to install. KRN-SW-SUP-2420G is fully compliant with IEEE802.3af/ IEEE802.3 10BASE-T Ethernet/ IEEE802.3u 100BASE-TX fast Ethernet/ IEEE 802.3ab 1000BASE-T Ethernet ANSI/IEEE802.3NWay auto-negotiation and IEEE802.3x flow control. This KRN-SW-SUP-2420G comes with the PoE green power saving application mode.
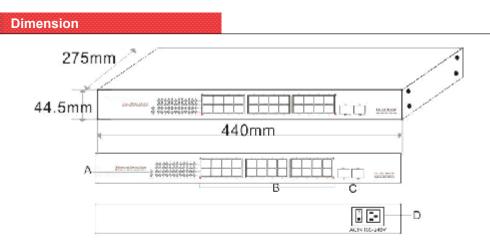
## 26 Port Gigabit PoE Switch with 24 Gigabit PoE Ports and 2 Gigabit Fiber Ports

**Technical Specification**

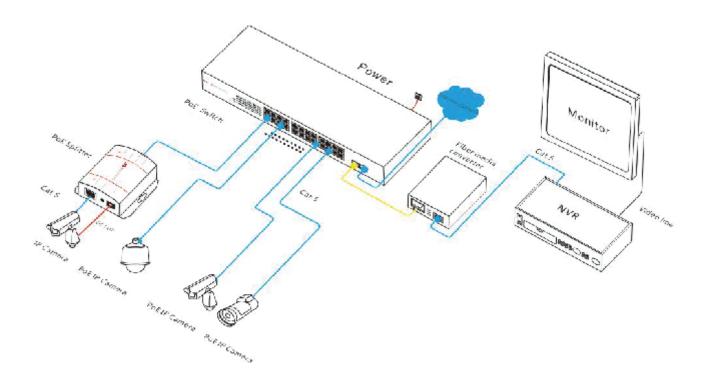| | |
|---|---|
| | 26-Port Gigabit PoE Switch with 24 Gigabit PoE Ports 15.4W |
| **Product Model** | KRN-SW-SMP-2420G |
| **Connector Type** | 24x 10/100/1000M copper cable RJ45 PoE ports(All ports support MDI/MDIX automatic adjustment); 2x 10/100 /1000Mbps SFP fiber uplink ports |
| **Forwarding Mode** | 1000M line speed forwarding; Packet Length: 10K; Packet Buffer: 4.1M |
| **Network Medium** | 10BASE-T: Cat3,4,5 UTP(≤100 meters) <br> 100BASE-TX: Cat5 or more UTP(≤100 meters) <br> 1000BASE-TX: Cat5 or more UTP(≤100 meters) |
| **Performance Specifications** | Backplane Bandwidth: 52Gbps <br> Network Delay: less than 20 microsecond <br> Packet Buffer: 4M <br> Address Database size: 8K <br> MTBF: 100,000 hours |
| **PoE Description** | IEEE 802.3af, each port power is 15.4W; Port1 to Port24 support PoE power; The even number Port(1/3/5/7/9/11/13/15/17/19/21/23) is end-span(1/2+, 3/6- line pair) power supply, the odd number port(2/4/6/8/10/12/14/16/18/20/22/24) is mid-span(4/5+, 7/8- line pair) power supply |
| **PoE Power** | Port output power is 15.4W (IEEE802.3af) |
| **Power Supply Type** | End-span type(Mid-span optional) |
| **Network Protocols** | IEEE 802.3; IEEE 802.3u; IEEE 802.3ab; IEEE 802.x Flow Control |
| **LED Indicator Status** | Power, Network, PoE working status |
| **Power** | IEEE802.3af standard, each port power is 15.4W, total power is 400W |
| **Voltage** | Input: AC100~240V 50/ 60Hz |
| **Dimension/ Weight** | Dimension (LxWxH): 440 x 275 x 44.5mm; Weight:4.6kg |
| **Working Environment** | Working temperature: -20°C ～ 55°C; Storage temperature: -20° ～ 75°C; Working Humidity: 10% ～ 90%, no condensation; Storage Humidity: 5% ~ 90%, no condensation; Working Altitude: 3000 meters (10,000ft); Storage Altitude: 3000 meters (10,000ft) |
| **Radiation** | CE mark, commercial <br> FCC Part 15 Class B <br> VCCI Class B <br> EN 55022 (CISPR 22), Class B |
| **Safety** | CE Mark ,commercial <br> CE/LVD EN60950,RoHS |
| **Warranty** | 2 Year Warranty, Life-time Maintenance |

**26 Port Gigabit PoE Switch with 24 Gigabit PoE Ports and 2 Gigabit Fiber Ports**

**Dimension**



275mm
44.5mm
440mm

A
B
C
D
AC IN 100-240V

A. Working Indicator
B. 24x PoE Ports
C. SFP Optical Port
D. Power Input Port - AC100-240V,50/60Hz

**Application**

# 26 Port Gigabit PoE Switch with 24 Gigabit PoE Ports and 2 Gigabit Fiber Ports

## Ordering Information

**Product Model:** KRN-SW-SUP-2420G

**Product Description:** 26-Port gigabit PoE switch with 24 gigabit PoE ports and 2x gigabit SFP fiber ports; port1 to port24 supports POE IEEE 802.3af international standard, each port power is 15.4W, the total power is 400W

**Ordering Note:** The even number port is end-span(1/2+, 3/6- line pair) power supply, the odd number port is mid-span(4/5+, 7/8- line pair) power supply

## Packing List

| Packing List | 26-Port Gigabit PoE Switch with 24 Gigabit PoE Ports 15.4W  (KRN-SW-SUP-2420G) |
|---|---|
| | Power Adapter Cable |
| | User Guide |
| | Warranty Card |