## 8GE POE+2GE Uplink+2SFP Switch

P112GS


## OVERVIEW:

Stonet P112GS provides 8 10/100/1000M adaptive RJ45 ports,2 1000M adaptive RJ45 cascaded ports and 2 SFP Gigabit ports; Ports 1 to 8 support standard POE power supply, and the ports can automatically detect and identify the power device that conforms to the IEEE 802.3AT/AF standard and supply power to it through the network cable, which can be used as an Ethernet power supply device.Not only can rack, desktop multi-way installation, but also has AI+VLAN; AI Monitor: Automatically detect and handle network anomalies in front-end devices (AI watchdog).


## FEATURES:

- 8 10/100/1000M adaptive RJ45 ports,2 1000M adaptive RJ45 cascaded ports,2 SFP Gigabit ports
- Follow IEEE 802.3 Ethernet and IEEE802.3u Fast Ethernet Protocol
- POE IEEE 802.3af/at compliant Powered Device (PD)
- Supporting normal switch/automatic AI detection + port isolation (combined function) second mode
- Auto MDI/MDIX crossover for all ports
- Support full duplex based on IEEE802.3x and half duplex based on Backpressure
- All ports have wire-speed forwarding capability
- MAC address auto-learning \& auto-aging
- Power supply: built-in 120W

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## SPECIFICATION:

| Hardware |  |
| :---: | :---: |
| Interface | 8*1000Mbps POE RJ45 ports + 2*Gigabit cascaded RJ45 ports + 2*Gigabit SFP ports |
| LED | PWR - Lighting:The product is powered on Function indication - Lighting:The function switch is on and Al+VLAN port isolation is enabled <br> Port lights - Lighting:Port link is normal,Blinking: Data in transit |
| Backplane bandwidth | 24G |
| MAC Address Table Size | 2K |
| Cabling type | 1000Base-T: 4 pairs of Cat5e or above UTP/STP( $\leq 100 \mathrm{~m}$ ) 100Base-TX: 2 pairs of class 5 (Cat5) or more UTP/STP( $\leq 100 \mathrm{~m}$ ) 10Base-TX: 2 pairs of class 5 (Cat6) or above UTP/STP( $\leq 250 \mathrm{~m}$ ) |
| Power supply | AC input 100-240V, standard 120W power supply |
| Software |  |
| Basic function | Follow IEEE 802.3 Ethernet and IEEE802.3u Fast Ethernet Protocol Supports POE IEEE 802. 3af/at compliant Powered Device (PD) Store-and-forward switching scheme Compatible with certified non-standard electrified equipment (PD) Support IEEE802.3X full duplex and Backpressure half duplex MAC address auto-learning \& auto-aging <br> VLAN port isolation <br> AI Monitor |
| Standards | $\begin{aligned} & \text { IEEE 802.3 10BASE-T Ethernet } \\ & \text { IEEE 802.3i 10BASE-T Ethernet } \\ & \text { IEEE 802.3u 100BASE-TX Fast Ethernet } \\ & \text { IEEE 802.3ab 1000BASE-T Gigabit Ethernet } \\ & \text { IEEE 802.3af/at, Power over Ethernet } \\ & \text { IEEE 802.3x Flow Control } \end{aligned}$ |
| Mode | Normal (default mode) VLAN (AI+ port isolation) |

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