Product Specifications



5-Port Gigabit PoE Switches with Integrated Power Sourcing/ Receiving (SGP1005P-90)

Product Overview

The SGP1005P-90 is an independently developed fully Gigabit unmanaged Ethernet PoE switch featuring five 10 /100/1000M auto-sensing RJ45 ports. Port 5 functions as a PoE-powered port compliant with IEEE 802.3af/at/bt standards, supporting a maximum input of 90W. Ports 1-4 serve as PoE-powered ports compliant with IEEE 802. 3af/at standards, delivering 30W per port. Each port operates at line-rate forwarding capability. This device connects to upstream
Power Sourcing Equipment (PSE) and downstream Power Device (PD) equipment, extending data transmission distances while enabling multi-port long-distance PoE power delivery. Plug-and-play operation requires no configuration, offering simple and convenient use to meet PoE power supply needs in scenarios such as security surveillance and wireless coverage.

Product Features

Provides 5 x 10/100/1000 Mbps auto-sensing RJ45 ports
Compliant with IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.3at, and 802.3af.
Full-duplex flow control complies with the IEEE 802.3x standard, while half-duplex employs the Backpressure standard.
Four Gigabit RJ45 ports support IEEE 802.3af/at standard PoE power delivery, with a maximum power output of 30W per port.
1 PoE-enabled port, compliant with IEEE 802.3af/at/bt standards
All ports support wire-speed forwarding.
The port supports auto-negotiation, automatically adjusting the transmission mode and speed.
Plug and play, no management required

Hardware Specifications

Standard	IEEE 802.3i,802.3u,802.3ab,802.3at,802.3af
Port	5个10/100/1000Mbps RJ45 Port
Indicator light	5 Ethernet port speed indicator, 5 Ethernet port link/active indicator, power input indicator
Size	119 * 89 * 28.2 mm
PoE Port	4 x 802.3at/af standard POE ports
PoE Pin Definitions	1/2(+),3/6(-)
PoE Output Power	60W
Backplane bandwidth	10Gbps
Rate	7.44Mpps
Mechanism	Store-and-Forward
MAC Address	2K
Cache	1.5Mbit
Environment	Operating Temperature: 0°C to 45°C (32°F to 113°F) Storage Temperature: -40°C to 70°C (-40°F to 158°F) Operating Humidity: 10% to 90% RH, non-condensing Storage Humidity: 5% to 95% RH, non-condensing