ISM105HP

5-Port 2.5 Gigabit Desktop Switch with 4-Port PoE++



- 5 × 10/100/1000/2500 Mbps Ethernet ports
- Ports 1-4: IEEE 802.3af/at/bt PoE++ ports
- IEEE 802.3x full-duplex flow control and half-duplex backpressure flow control
- 25 Gbps non-blocking switching capacity, 4K MAC address table and MAC address auto-learning
- Max PoE output: 90W per port, 110W in total; Total power consumption: <120 W
- One-Key PoE Watchdog

Overview

The IP-COM ISM105HP is an IP-COM PoE switch that offers 5 10/100/1000/2500 Mbps Base-T RJ45 ports. Ports 1-4 comply with the IEEE 802.3af, 802.3at and 802.3bt standards (maximum PoE power output: 90 W). The switch offers a maximum PoE power output of 110 W and can supply power to and exchange data with APs, IP cameras, and IP phones through CAT5e cables. It also supports PoE Watchdog to help automatically recover power for unresponsive powered devices.

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Features

5x 2.5Gbe ports

It provides 5x 2.5Gbps RJ45 ports and can be connected to computers, NAS, IPTV, WIFI7 AP, etc. to meet the needs of high-speed Internet access. It is a perfect access device for high-speed network deployment in SMEs, SOHOs, villa or wireless networking scenarios.

4x PoE++ ports

Four PoE++ ports comply with IEEE 802.3af/at/bt standards and up to 90W per port within the 110W total PoE budget. They supply power to and exchange data with APs, IP cameras, and IP phones through CAT5e cables.

One-key PoE Watchdog

The DIP switch turns PoE Watchdog OFF or ON.

4KV Lightning Protection

The switch supports 4kV lightning protection for ports and the power supply, reducing the risk of inductive lightning and ensuring stable operation even under thunderstorms.

Specifications

Hardware Specifications

Network Standards	IEEE 802.3/u/ab/bz/x, IEEE 802.3af/at/bt
MTBF	≥50,000 hours
LED Indicators	One Power LED and one PoE-MAX LED per device One Link/Act LED and one PoE LED per PoE port (ports 1-4) Two speed LEDs for port 5: 2.5G and 1G/100M
Ports	4 × 10/100/1000/2500 Mbps Base-T ports (Data/Power) 1 × 10/100/1000/2500 Mbps Base-T port (Data)
Lightning Protection	≥4 kV
Switching Mode	Store-and-forward
Switching Capacity	25Gbps
Forwarding Rate	18.6 Mpps
MAC Address Table	4K
Max. PoE Output	90 W per port, 110 W total
PoE Power Supply	IEEE 802.3af/at/bt PoE power supply on ports 1-4 Voltage of cores 1, 2, 4, 5 is +, and cores 3, 6, 7, 8 is -
Input Voltage	100-240V AC, 50/60Hz
Dimensions (L × W × H)	177.5mm × 104mm × 26mm
Power Consumption	Total power consumption: <120 W Maximum PoE output: 110 W
Environment	Operating temperature: 0°C - 40°C Storage temperature: -40°C - 70°C Operating humidity: (10% - 90%) RH, non-condensing Storage humidity: (5% - 90%) RH, non-condensing

Software Specifications

PoE Watchdog	Controlled via a hardware toggle switch on the front panel, with two operating modes: OFF: PoE Watchdog disabled. ON: PoE Watchdog enabled.
Certificates	FCC、CE、RCM，RoHS