



Features:

- 4*10/100/1000Base-TX PoE port (Data/Power)
2*1000M SFP
- CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS

ITT-SWP-4G2S is gigabit RJ45 and SFP uplink unmanaged PoE switch independently developed by ittelecom, which can automatically detect the compliance with IEEE802.3af/at | PoE +| HiPoE standard power receiving equipment and power supply, new integrated hipoe and poedog function, solve the power supply problem of high-power outdoor ball machine, high-power wireless AP and other high-power equipment, poedog function will realize the automatic repair of PD end equipment when it accidentally crashes, solve the time-consuming and labor-consuming problem of human operation, and realize intelligent unattended.

Port performance

- Provide 4*10/100/1000M PoE RJ45 adaptive ports, all of which can realize line speed forwarding.
- Provide 2 gigabit SFP uplink ports for high-speed uplink transmission.
- Each port supports MDI / mdix auto flip and duplex / rate self negotiation.
- Support IEEE 802.3x full duplex flow control and backpressure half duplex flow control.

Special function

- Hipoe: the first port outputs 60W to solve the power supply problem of high-power PD. It can connect large ball machine, wireless AP or intelligent door lock and other high-power PoE devices.
- Poedog: when PoE is started, it detects the status of PoE electrical equipment in real time; when the equipment side is abnormal, the switch actively sets the port and restores PoE power supply to realize unattended.

PoE power supply function

- According to IEEE 802.3af/at PoE power supply standard, the maximum PoE output power of the whole machine is 65W, single port for the maximum PoE output power is 30W (First port can be max 60W)
- Automatic identification of PoE equipment for power supply without damaging non PoE equipment.

Three working modes

- N -- standard switching mode: all ports communicate freely, suitable for common data transmission environment.

- V - port isolation mode: the downlink ports are isolated from each other, which is suitable for the use scenarios of connecting wireless AP, suppressing network storm and improving network performance.
- C -- flow control mode: port flow balance control, prevent big data flow packet loss, ensure the efficient and stable operation of user network.

The equipment is stable and reliable

- ITTelecom independent research and development of power supply, high redundancy design, to provide long-term stable PoE power output.
- The equipment meets the national CCC standard, fully meets the safety requirements, and is safe and reliable.

Easy to use

- Plug and play.
- Dynamic LED indicator provides simple working status prompt and troubleshooting.

Complete set of accessories

- By default, the switch is equipped with an AC power cord.

Technical Parameters:

• Fixed Port	➤ 4*10/100/1000Base-TX PoE port (Data/Power) ➤ 2*1000M SFP
• PoE Ports	➤ 1-4 port supports PoE(optional first port outputs HiPoE_60W)
• Function	➤ N:(Standard normal) ➤ V:(Port isolation) ➤ C:(Flow Control mode) (specific port refers to user manual)
• Network Protocol	➤ IEEE 802.3 ➤ IEEE 802.3i 10BASE-T ➤ IEEE 802.3u 100BASE-TX ➤ IEEE 802.3ab 1000BASE-T ➤ IEEE 802.3x ➤ IEEE 802.3z 1000BASE-X ➤ IEEE 802.3af/at
• PoE Standard	➤ IEEE802.3af/at
• Port Specification	➤ 10/100/1000BaseT (X) Auto
• Transmission Mode	➤ Store and Forward(full wirespped)
• Bandwidth	➤ 16Gbps
• Packet Forwarding	➤ 14.44Mpps
• MAC Address	➤ 2K
• Buffer	➤ 2.5M

• Transmission Distance	<ul style="list-style-type: none"> ➤ 10BASE-T : Cat3,4,5 UTP(≤250 meter) ➤ 100BASE-TX : Cat5 or later UTP(150 meter) ➤ 1000BASE-TX : Cat6 or later UTP(150 meter) ➤ 1000BASE-SX:62.5μm/50μm MMF(2m~550m) ➤ 1000BASE-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m)
• Power Pin	➤ Default 1/2(+), 3/6(-); Optional order4/5(+), 7/8(-)
• Single port power	➤ Average 15.4W; MAX 30W
• Total power/Input voltage	➤ MAX 80W (AC100-240V 50/60HZ)
• Watt	➤ Standby Power Consumption: ≤8W;
• LED Indicator	<ul style="list-style-type: none"> ➤ Power: Power LED(optional over-power LED) ➤ 5 6:(SFP LED) ➤ Port:(Orange=PoE LED+Green=Link LED)
• Power Input	➤ Built-in power AC: 100~240V 50-60Hz 1A
• Operating Temperature/Humidity	➤ -10~+55°C; 5%~90% RH Non coagulation
• Storage Temperature/Humidity	➤ -40~+75°C; 5%~95% RH Non coagulation
• Product size/Packing size (L*W*H)	<ul style="list-style-type: none"> ➤ 210mm*150mm*35mm ➤ 270*mm220mm*68mm
• N.W/G.W (kg)	➤ 0.7kg/1.1kg
• Installation	➤ Desktop(optional wall and machine hanger parts)
• Lightning protection level	<ul style="list-style-type: none"> ➤ IP30 ➤ 3KV 8/20us;
• Certificate	➤ CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;