

6 Port 10 Gigabit Uplink 2.5G Ethernet POE Switch



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CE FC RoHS

6 Port 10 Gigabit uplink 2.5G Ethernet POE switch, adopting a high-quality and high-speed network chip solution, this product thoroughly solves the problem of high noise when deploying small switches in office environments through a fanless and silent design. This switch has 5 *100/1000/2500M POE ports and 1 10G SFP+ port, providing seamless connection for 100/1000/2500M Ethernet, making it easy to manage and maintain. This product can be widely used in security network video monitoring, hotels, campuses, small and medium-sized enterprise network engineering, and other occasions.

Main Features

- 5*100/1000/2500M POE Ports+1*10G SFP+ Port;
- Support 802.3, IEEE802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3ae, IEEE 802.3x standard;
- Ethernet Ports support 100/1000/2500M self- adaptive;
- Support PoE QoS Priority, priority ranges from 1 to 4. Enabled by default;
- Support automatic port flipping (Auto MDI/MDIX) ;
- Panel indicator monitoring status help failure analysis;
- Flow control mode: IEEE 802.3X standard for full duplex, and Back Pressure standard for half duplex;
- Support Surge protection: Common mode 4KV;Differential mode 2KV (level B) ;ESD: Air 12KV, Contact 6KV (level B) .

Application Environment

Urban optical fiber broadband network:

Telecommunications, cable TV, network system integration, according to network operators.

Broadband special network:

Suitable for finance, government, oil, electricity, public security, education and other industries.

Multimedia transmission:

Image, voice, data comprehensive transmission, suitable for remote teaching, conference television, video telephone and other applications.

Real-time monitoring:

Real-time control of signal, image and data for simultaneous transmission.

Technical Specification

I/O Interface

Power	AC 100-240V
Ethernet	5*100/1000/2500M POE ports 1*10G SFP+ port

Performance

Bandwidth	45Gbps
Packet Forward Rate	33.48Mpps
MAC Address Table	4K
Forwarding Mode	Storage & forward

Standard

Network Protocol	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE 802.3bz (5G Ethernet) IEEE 802.3z (Gigabit Ethernet) IEEE 802.3ae (10G Gigabit Ethernet) IEEE802.3x (Flow Control)
PoE protocol	IEEE802.3af (15.4W) IEEE802.3at (30W) POE port output voltage: DC 44-57V POE power supply core: 1/2+; 3/6-
Industry Standard	EMS: EN61000-4-2 (ESD), IEN61000-4-5 (Surge)
Network medium	10Base-T: Cat 3, 4, 5 Class or above UTP/STP ($\leq 100m$) 100Base-TX: Cat 5 Class or above UTP/STP ($\leq 100m$) 1000Base-TX: Cat 5 Class or above UTP/STP ($\leq 100m$)
Optical Medium	Multimode optical fiber: 50/125, 62.5/125, 100/140um Single-mode optical fiber: 8/125, 8.7/125, 9/125, 10/125um

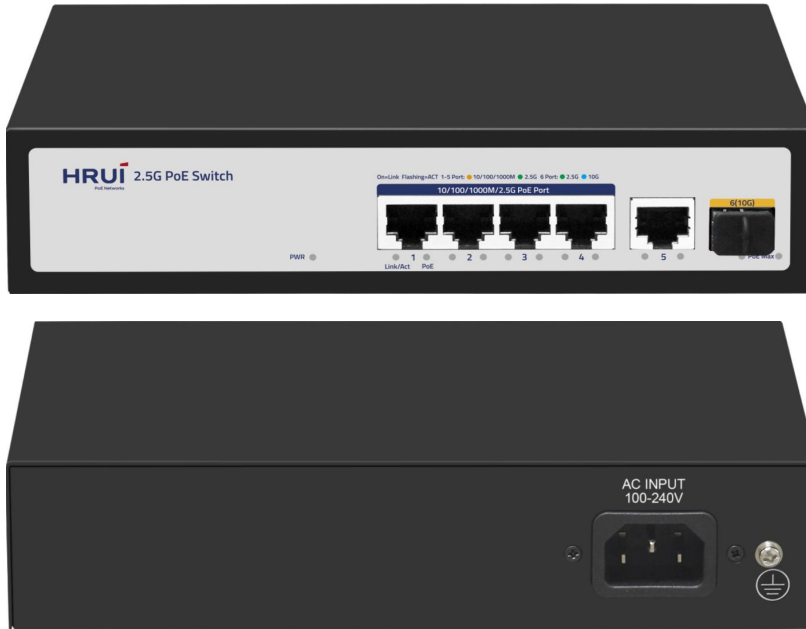
Certification

Safety Certificate	CE, FCC, RoHS
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Environment Standard	
Working Environment	Working temperature: -10~50°C Storage temperature: -40~70°C Working humidity: 10%~90%, non-condensing Storage humidity: 5%~95%, non-condensing
Physical Specification	
Structure Size	Product dimensions: 200*118*44mm Package dimensions: 245*190*60mm Product N.W: 0.63KG Product G.W: 0.93KG
Packing Info	Carton dimensions: 520*320*400mm Packing quantity: 20 set Packing weight: 19.6KG
Power Voltage	Input voltage : AC 100-240 V 50/60HZ Supply power: DC 52V 1.25A
Power	Product power: maximum 5W POE power: maximum 60W
Packaging List	Switch 1 pc; Power cord 1 pc; User manual 1 pc; Certification 1 pc
Function Indicator	
Indicator	PWR (Power), 1-5Green Light/Yellow Light (Link&Data)
PWR	On: Powered on Off: Powered off
1-5 Port Green Light	On: 2.5G Link normal Off: Link blocked Flashing: Data transmitting
1-5 Port Yellow Light	On: 10/100/1000M Link normal Off: Link blocked Flashing: Data transmitting
6 Port Green Light, Blue Light	Blue on: 10G link Green on: 1000/2500M link Off: Link blocked Flashing: Data transmitting
1-4 PoE Light	On: PoE power supply Off: PoE power off
PoE Max Power Light	Off: indicates PoE power usage is less than 90% Flashing: indicates PoE power usage of $90\% \leq P \leq 95\%$ On: indicates that PoE power is used at $95\% < P < 100\%$

Order Info	
HR900-AFG-SWTG015ANS	6 Port 10 Gigabit Uplink 2.5G Ethernet POE Switch

Product Rendering



Product Structure

