

18 Port 10G Uplink 2.5G Ethernet Switch



www.hruiotech.com



CE FC RoHS

18 Port 10G Uplink 2.5G Ethernet Switch, adopting a high-quality and high-speed network chip solution. This switch has 16* 100/1000/2500M RJ45 ports and 2* 10G SFP+ ports, providing seamless connection for 10/100/1000/2500M 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 Feature

- 16* 100/1000/2500M RJ45 ports+2* 10G SFP+ ports
- Support IEEE 802.3, IEEE802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3ae, IEEE 802.3x;
- Ethernet ports support 10/100/1000M/ 2500M adaptive
- Support automatic port rollover(Auto MDI/MDIX)
- Panel indicators monitor working status and assist in fault analysis
- Flow control mode, full duplex adopts IEEE802.3x standard, half duplex adopts Backpressure standard
- Surge Protection: General 6KV, Differential 2KV(level C), ESD 8KV air, 6KV contact(level C)

Application environment

Metro fiber broadband network:

Telecom, cable TV, network system integration, etc., according to network operators.

Broadband private network:

Broadband private network: applicable to financial, government, oil, electric power, public security, education and other industries private network.

Multimedia transmission:

Multimedia transmission, image, voice and data integrated transmission, for remote teaching, meeting TV, video phone and other applications.

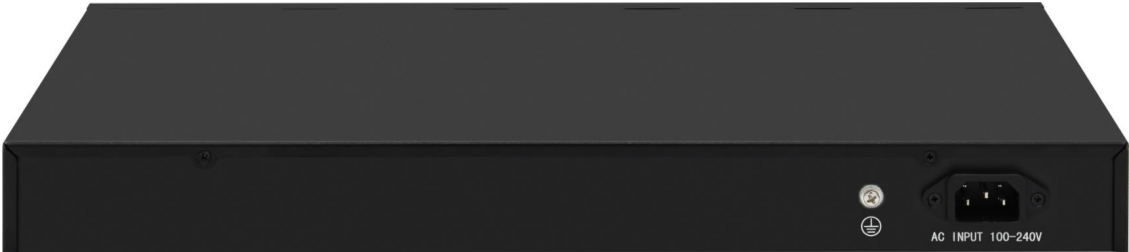
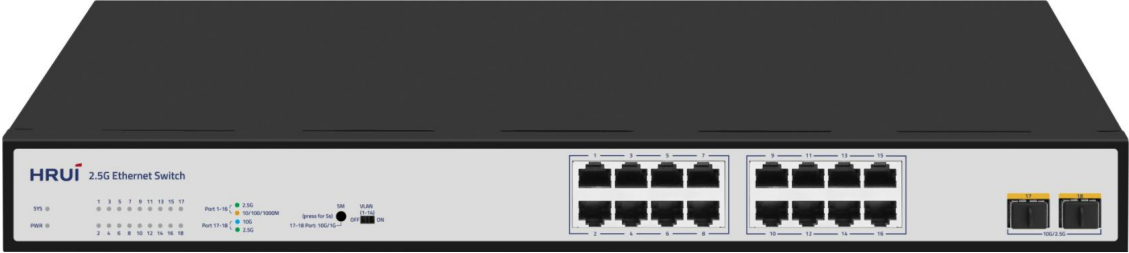
Real-time monitoring:

Real-time monitoring: real-time control signal, image and data transmission.

Technical parameter	
I/O interface	
Power	AC 100-240V
Ethernet	16* 100/1000/2500 Mbps RJ45 port 2*10G SFP+ port
Performance	
Bandwidth	120Gbps
Packet Forwarding Rate	89.28Mpps
MAC Address Table	16K
Transfer Mode	Store and 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 Ethernet) IEEE802.3x (Flow control)
Industry Standard	EMS: EN61000-4-2 (ESD) IEN61000-4-5 (Surge)
Network Medium	10Base-T: Cat3、4、5 or above UTP/STP(≤100m) 100Base-TX: Cat5 or above UTP/STP(≤100m) 1000Base-TX: Cat5 or above UTP/STP(≤100m) 2.5GBase-T: Cat5 or above UTP/STP(≤100m) 5GBase-T: Cat6 or above UTP/STP(≤100m) 10GBase-T: Cat6 or above UTP/STP(≤100m)
Optical Fiber Medium	1000BASE-SX: 62.5μm MMF(Multimode optical fiber)(Minimum range: 2m ~ 275m) or 50μm MMF 1000BASE-LX: 62.5μm/50μm MMF(Minimum range: 2m ~ 550m) or 0μm SMF(Minimum range: 2m ~ 5km) 2500BASE-X: G.652D SMF(Single-mode optical fiber)(Minimum range: 2m ~ 500m or 2m ~ 5Km) 10GBASE-SR: OM1/OM2/OM3 or above MMF(Operating range: 2m ~ 300m) 10GBASE-LR: IEC and B1.1 and B1.3 SMF(Minimum range: 2m ~ 10km)

Certification	
Safety Certification	CE, FCC, RoHS
Environmental standard	
Working Environment	Operating temperature: 0~40°C Storage temperature: -40~70°C Operating humidity: 10%~90%, no condensation Storage humidity: 5%~95%, no condensation
Physical Specification	
Structural Dimension	Product size: 440*204*44.5mm Package size: 500*290*85mm Product weight: 2.21KG Packing weight: 2.72KG
Packing Information	Outer box size: 520*445*310mm Packing quantity: 5 PCS Packing weight: 14.6KG
Supply Voltage	AC 100-240 V/ 12V4A
Power	maximum 36W
Packing List	1 switch, 1 adapter, 1 manual, 1 certificate
Functional Indication	
Indicator Light	PWR (power indicator), 1-16 Green/Yellow light (Link & data)
PWR	On: Powered on Off: Powered off
1-16 Network Port	Green on: 2.5G Link connect normal Yellow on: 10/100/1000M Link connect normal Off: Link off Flashing: Data transmitting
17-18 Green Light Port	On: 10G Link connect normal Off: Link off Flashing: Data transmitting
Dialing	On: Vlan mode is enabled (ports 1-14 are isolated and can only communicate with uplink ports 15-18) Off: Vlan mode is off (all ports can communicate with each other)
Order info	
HR-SWTG1216AS	18 Port 10G Uplink 2.5G Ethernet Switch

Product Rendering



Product Structure

