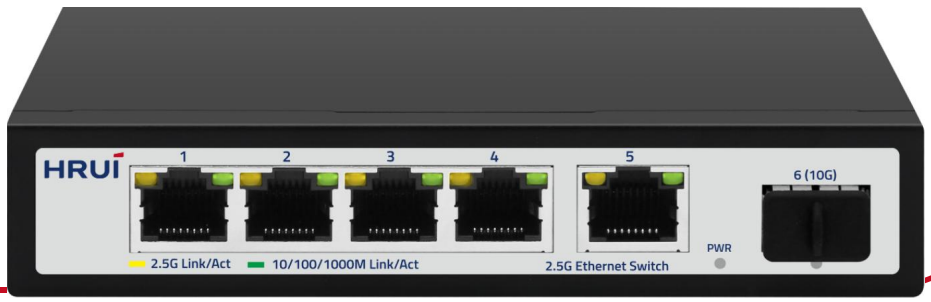
DATASHEET

HRUI
PoE Networks

6 Port 10G Uplink 2.5G Ethernet Switch



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ISO 9001 CE FC RoHS

6 Port 10G Uplink 2.5G Ethernet Switch，using high quality and high speed network chip solution, this product completely solves the problem of loud noise of small switches deployed in the office environment through the fanless silent design. This switch has 5* 2.5G RJ45 ports and 1* 10G SFP+ port, providing seamless connection to 10/100/1000M/2.5G Ethernet for easy management and maintenance. This switch can be widely used in security network video surveillance, hotels, campuses, and network engineering of small and medium-sized enterprises.

Main Features

- 5* 2.5G RJ45 ports+1* 10G SFP+ port;
- Comply with IEEE 802.3, IEEE802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3ae, IEEE 802.3x;
- Ethernet ports support 10/100/1000M/2.5G self-adaptive;
- Support port Auto MDI/MDIX;
- Panel indicator lights monitor working status and help failure analysis;
- Flow control mode, full duplex adopts IEEE802.3x standard, half duplex adopts Backpressure standard;
- Support surge protection: common mode 6KV; ESD Air 8KV, contact 6KV.

Application Environments

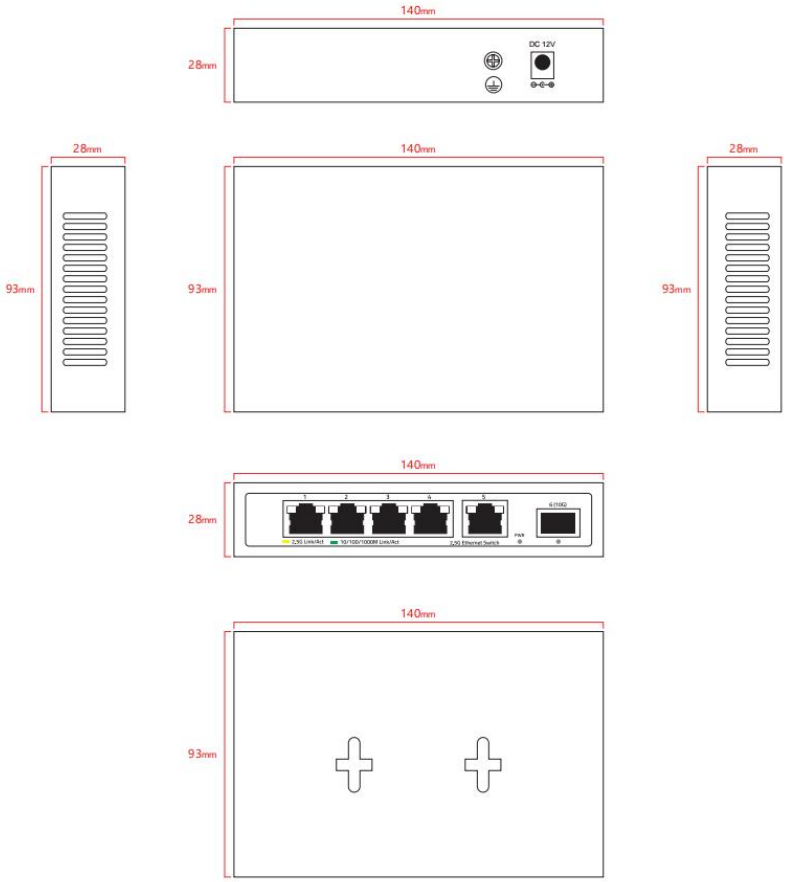
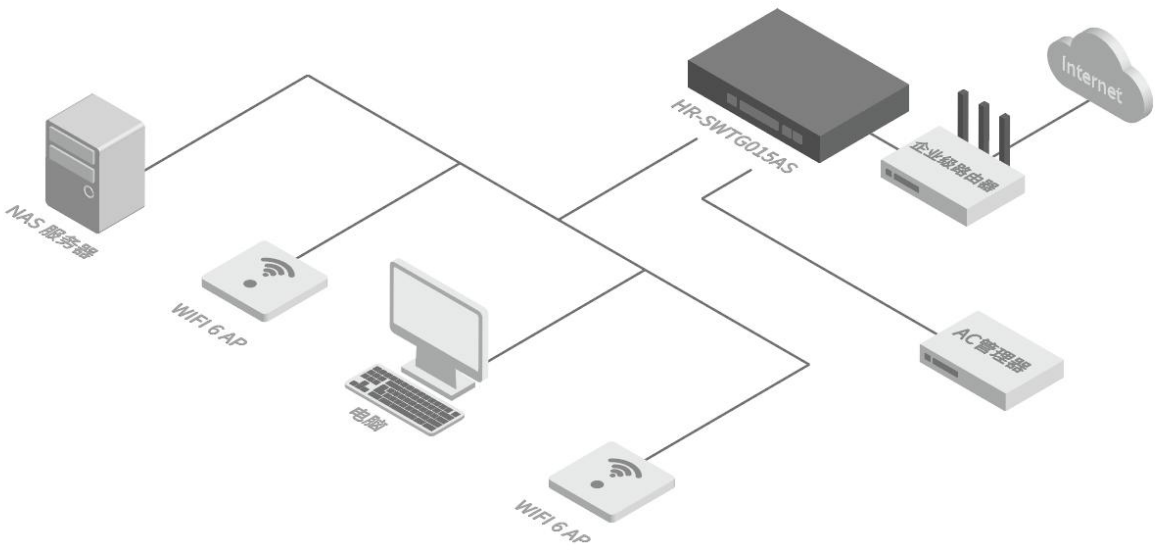
Metro Optical Broadband Network:
Data network operators such as telecommunications, cable TV, and network system integration, etc.
Broadband private network:
Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries.
Multimedia transmission:
Integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications.
Real-time monitoring:
Simultaneous transmission of real-time control signals, images and data.

Specification	
I/O Interface	
Power	DC 2.1
Ethernet	5*2.5G RJ45 Ports 1*10G SFP+ Port
Performace	
Bandwidth	45Gbps
Pack forward rate	33.48Mpps
VLAN	4096
MAC Address	4K
Jumbo Frame	12Kbytes
Transfer mode	Storage & forward
MTBF	100000 Hours
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	EMI: FCC Part 15 CISPR (EN55032) class A; 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)
SFP medium	multi mode: 50/125, 62.5/125, 100/140um Single mode: 8/125, 8.7/125, 9/125, 10/125um
Certificate	
Safety Certificate	CE, FCC, RoHS

Environment standard	
Working environment	Working Temperature: -10~50°C Storage Temperature: -40~70°C Working Humidity: 10%~90%, non-condensing Storage Temperature: 5%~90%, non-condensing
Physical specification	
Structure size	Product Size: 140*93*28mm Package Size: 203*160*55mm Product Net-Weight: 0.33KG Product Gross-Weight: 0.46KG
Packing info	Carton size: 580*335*445mm Packing Qty: 40pcs Packing weight: 19.5KG
Power voltage	Adapter input voltage: AC 100-240 V switch input voltage: DC 12V1A
Pachaging List	1 switch, 1 adapter, 1 manual, 1 certificate
Indicator	
Indicator	PWR (power), 1-5 green light/yellow (Link&data)
PWR	On: Powered on Off: Powered off
1-5 Port yellow light	On: 2.5G Link connect normal Off: Link off Flashing: data transmitting
1-5 Port green light	On: 10/100/1000M Link connect normal Off: Link off Flashing: data transmitting

Order Info	
HR-SWTG015AS	6 Port 10G Uplink 2.5G Ethernet Switch

Prodcut Strucure



Product Application