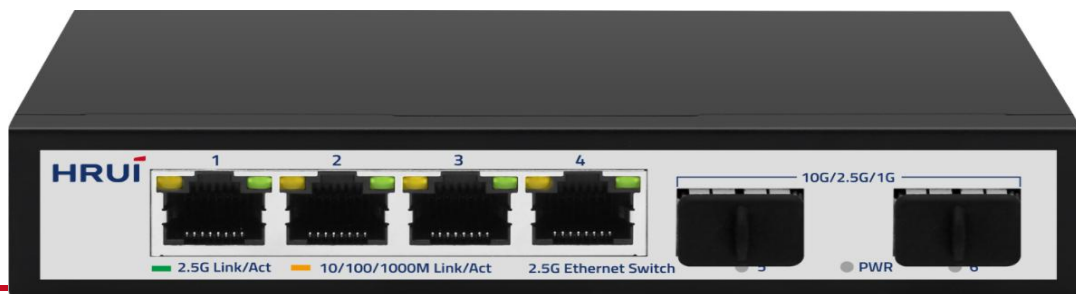# DATASHEET

HRUI
PoE Networks

6 Port 10G Uplink 2.5G Ethernet Switch

www.hruitech.com

ISO 9001   CE   FC   RoHS

6 Port 10G Uplink 2.5G Ethernet Switch, using high quality and high speed network chip solution. This switch has 4* 100/1000/2500M RJ45 ports and 2* 10G SFP+ ports, providing seamless connection to 10/100/1000/2500M 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 Feature

- 4* 100/1000/2500M RJ45 ports+2* 10G SFP+ ports;
- 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/2500M 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 Port Surge Protection: Common Mode 4KV, Differential Mode 2KV (Class C); ESD air 8KV, Contact 6KV (Class C).

Application Environment

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.
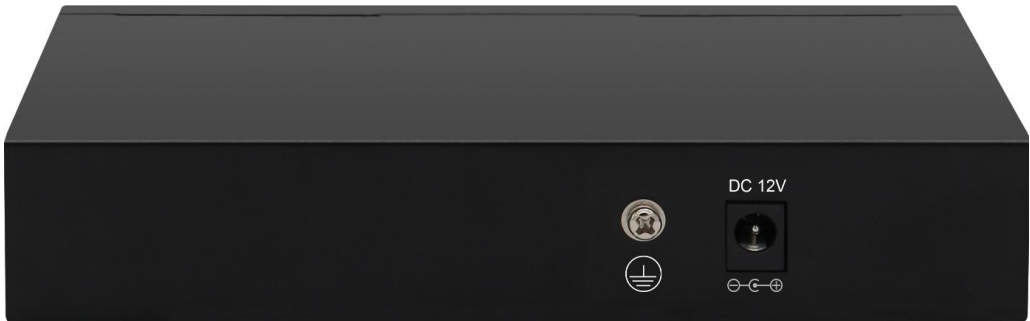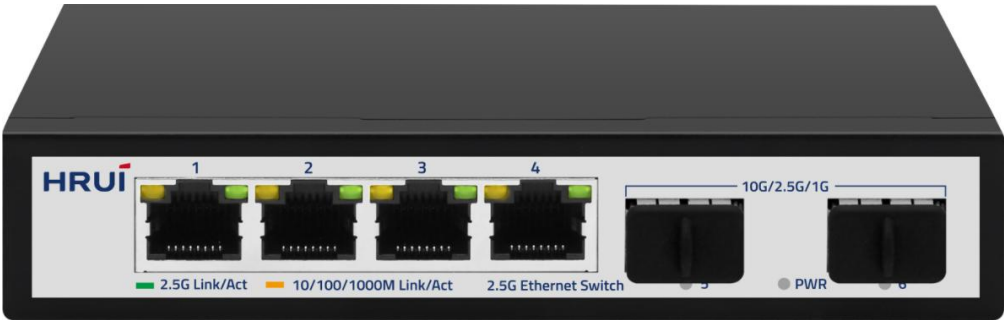
Real-time monitoring:

Simultaneous transmission of real-time control signals, images and data.

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Specification	
I/O Interface	
Power	DC 12V
Ethernet	4*100/1000/2500M RJ45 Ports 2*10G SFP+Ports
Performance	
Bandwidth	60Gbps
Packet Forwarding Rate	44.64Mpps
Package cache	8Mbit
MAC Address Table	4K
Transfer Method	Storage 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: Cat5e or above UTP/STP(≤100m) 5GBase-T: Cat6 or above UTP/STP(≤100m) 10GBase-T: Cat6a or above UTP/STP(≤100m)
SFP Medium	1000BASE-SX: 62.5μm MMF(multi mode)(Minimum range: 2m～275m) or 50μm MMF 1000BASE-LX: 62.5μm/50μm MMF(Minimum range: 2m～550m)or 10μm SMF(Minimum range: 2m～5km) 2500BASE-X: G.652D SMF(Single mode)(Minimum range: 2m～500m or 2m～5Km) 10GBASE-SR: OM1/OM2/OM3 or above MMF(Operating range: 2m～300m) 10GBASE-LR: IEC B1.1 and B1.3 SMF(Minimum range: 2m～10km)

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Certificate	
Safety Certificate	CE, FCC, RoHS

Environment Standard	
Working Environment	Working Temperature: 0~40°C Storage Temperature: -40~70°C Working Humidity: 10%~90%, non-condensing Storage Temperature: 5%~95%, 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 Qize: 580*335*445mm Packing Qty: 40PCS Packing Weight: 19.5KG
Power Voltage	Adapter Input Voltage: AC 100-240 V Switch Input Voltage: DC 12V1A
Power	Maximum 12W
Packing List	Switch 1PCS; Adaptor 1PCS; User Manual 1PCS, Certificate 1PCS

Indicator	
Indicator	PWR(power), 1-4 green light/yellow(Link&data)
PWR Green Light	On: Powered on Off: Powered off
1-4 ports	Green on: 2.5G Link connect normal Yellow on: 10/100/1000M Link connect normal Off: Link off Flashing: Data transmitting
5-6 Ports Green Light	On: 10G Link connect normal Off: Link off Flashing: Data transmitting

Order Info	
HR-SWTG024AS	6 Port 10G Uplink 2.5G Ethernet Switch

DATASHEET

Product Rendering

HRUI

1   2   3   4   10G/2.5G/1G

■ 2.5G Link/Act   ■ 10/100/1000M Link/Act   2.5G Ethernet Switch   ● 5   ● PWR   ● 6

DC 12V

Prodcut Structure

140mm

28mm

DC 12V

28mm   140mm   28mm

93mm   93mm   93mm

140mm

28mm

1   2   3   4   10G/2.5G/1G

2.5G Link/Act   10/100/1000M Link/Act   2.5G Ethernet Switch   ● 5   ● PWR   ● 6