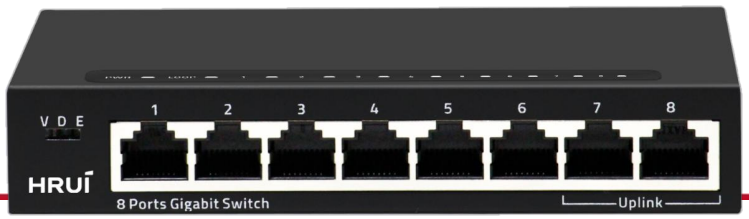
DATA SHEET

HRUI

8-Port Gigabit Intelligent Ethernet Switch

ADVANCED CHIPSET
LOOP ALARM
SAFETY PROTECTION
LED INDICATOR
METAL HOUSING
DIP CONTROL



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CE FC RoHS

The 8-port Gigabit intelligent Ethernet switch adopts high-quality and high-speed network ICs, and this product completely solves the problem of noise of small switches in the office environment through the fanless mute design. This switch has 8 Gigabit RJ45 ports, can provide seamless connection for 10/100/1000M Ethernet, supports three working modes, one-key smart simple switching working mode, easy to manage and maintain, the product can be widely used in Security network video surveillance, hotel, campus, small and medium-sized enterprise network engineering and other occasions.

Main Features

- 8*10/100/1000M RJ45 Ports
- Apply to IEEE802.3、IEEE802.3u、IEEE802.3ab standard
- Ethernet port supports 10/100/1000M adaptive
- Support auto MDI/MDIX
- Panel indicators to monitor working status and help fault analysis
- One-key smart switch, supports VLAN, Default, Extend three modes
- Flow control, full duplex adopts IEEE802.3x standard, half duplex adopts Backpressure standard
- Port 1-2 supports Qos data priority
- Support Loop Alarm

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

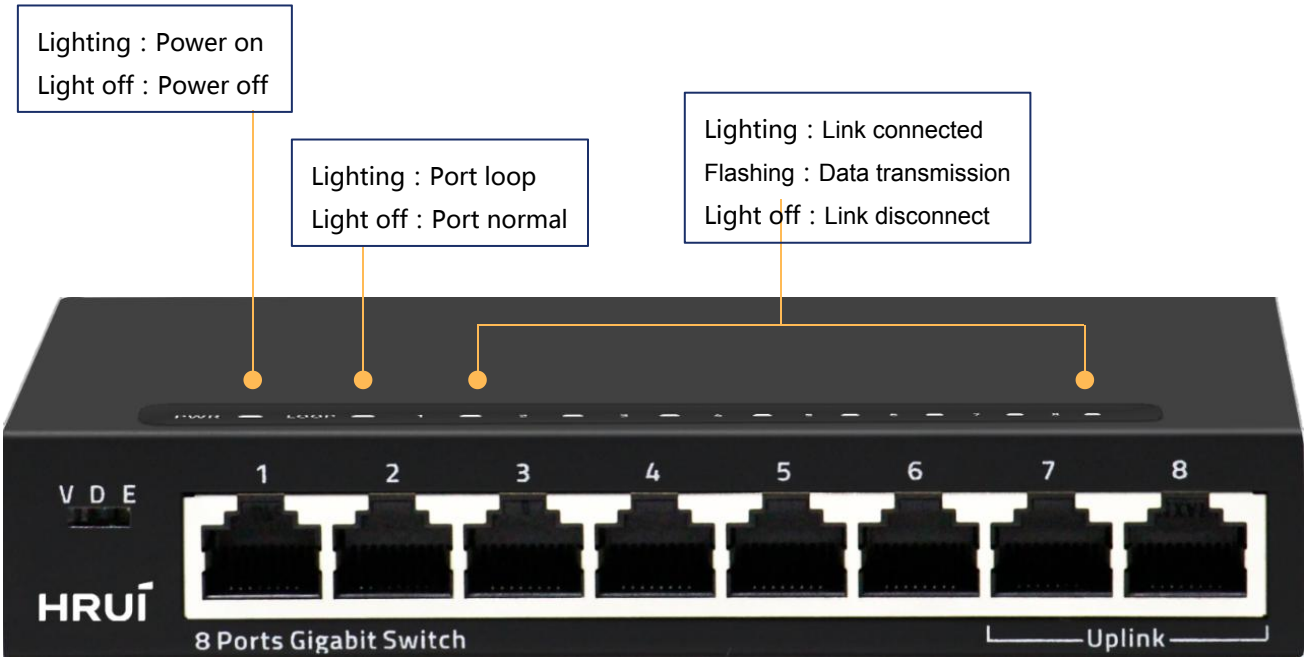
Real-time monitoring:
Simultaneous transmission of real-time control signals, images and data

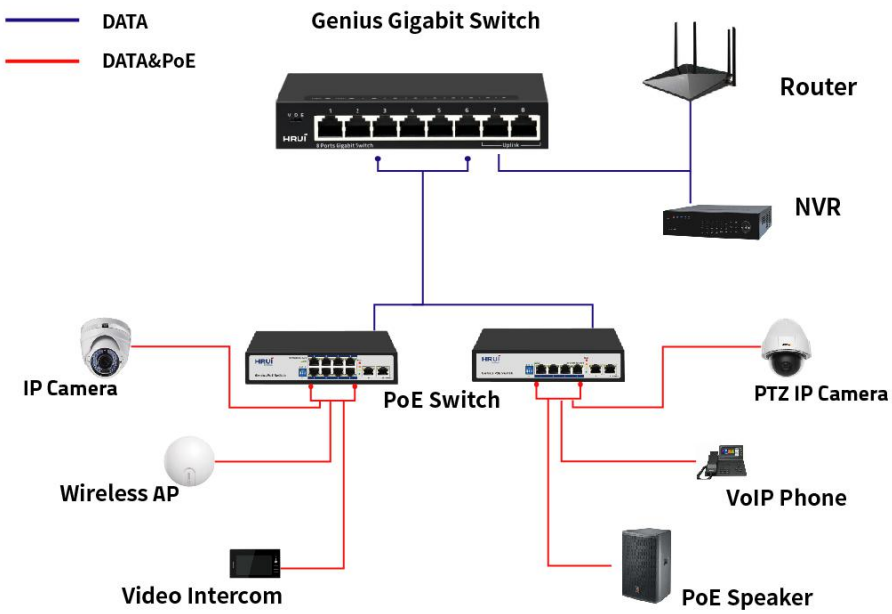
Specifications	
I/O Interface	
Power	DC 5V
Ethernet	8*RJ45 10/100/1000Mbps Ports
Performance	
Switching Capacity	16Gbps
Throughput	11.9Mpps
Packet Buffer	2.5M
MAC Address	1K
Jumbo Frame	2K
Transfer Mode	Store and forward
MTBF	100000
Standard	
Network protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3ab (1000Base-TX) IEEE802.3x (Flow control)
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD)、 EN61000-4-4 (EFT) EN61000-4-5(Surge)
Network Medium	10Base-T : Cat3,4,5 or above UTP(≤100m) 100Base-TX : Cat5 or above UTP(≤100m) 1000Base-TX : Cat5 or aboveUTP(≤100m)
Protection	
Security Certificae	CE、FCC、RoHS

Environment	
Working Environment	Working Temperature：-10~50°C Storage Temperature：-40~70°C Working Humidity ：10%~90%，non-condensing Storage Temperature：5%~90%，non-condensing Working Height：Maximum10,000 feet Storage heigh：Maximum 10,000 feet
Mechanical	
Structure Size	Product Size：137*77*25mm Package Size：175*120*63mm Product Net-Weight：0.3kg Product Gross-Weight：0.5kg
Packing Info	MEAS：505*320*400mm Packing Qty：40 unit Packing weight：21KG
Power Voltage	Power Input Voltage ：AC 100-240 V Switch Input Voltage:：DC 5 V1A
Package List	Switch 1 pcs, Power Adpater 1 pcs, User manual 1 pc, Warranty card 1 pc,
Indication	
DIP Switch	VLAN：Port Isolation, 1-6 ports are isolated each other, all communicate with uplink port 7/8; Default：Default mode, Support loop alarm; Extend：Monitor Mode, 1-6 ports support 100M speed reduction negotiation, support 250 meters in 10Mbps/s mode, port 7 and port 8 as uplink port ;
LED Indicators	PWR、LOOP、Link

Ordering Info	
HR-SWG1080	8-Port Gigabit Intelligent Ethernet Switch

Dimension



DIP Switch | 6 Gigabit Ports | 2 Uplink

Application