DATA SHEET

HRUI

5-Port Gigabit Intelligent Ethernet Switch

ADVANCED CHIPSET	LOOP ALARM	SAFETY PROTECTION
LED INDICATOR	METAL HOUSING	DIP CONTROL
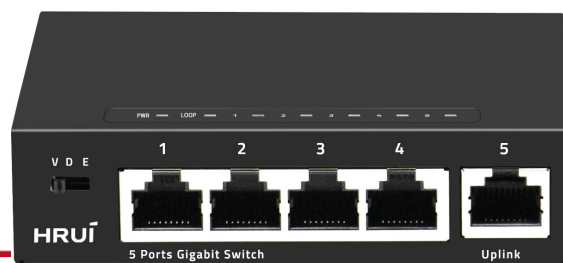
www.hruitech.com

CE FC RoHS

The 5-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 5 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

- 5*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
- 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
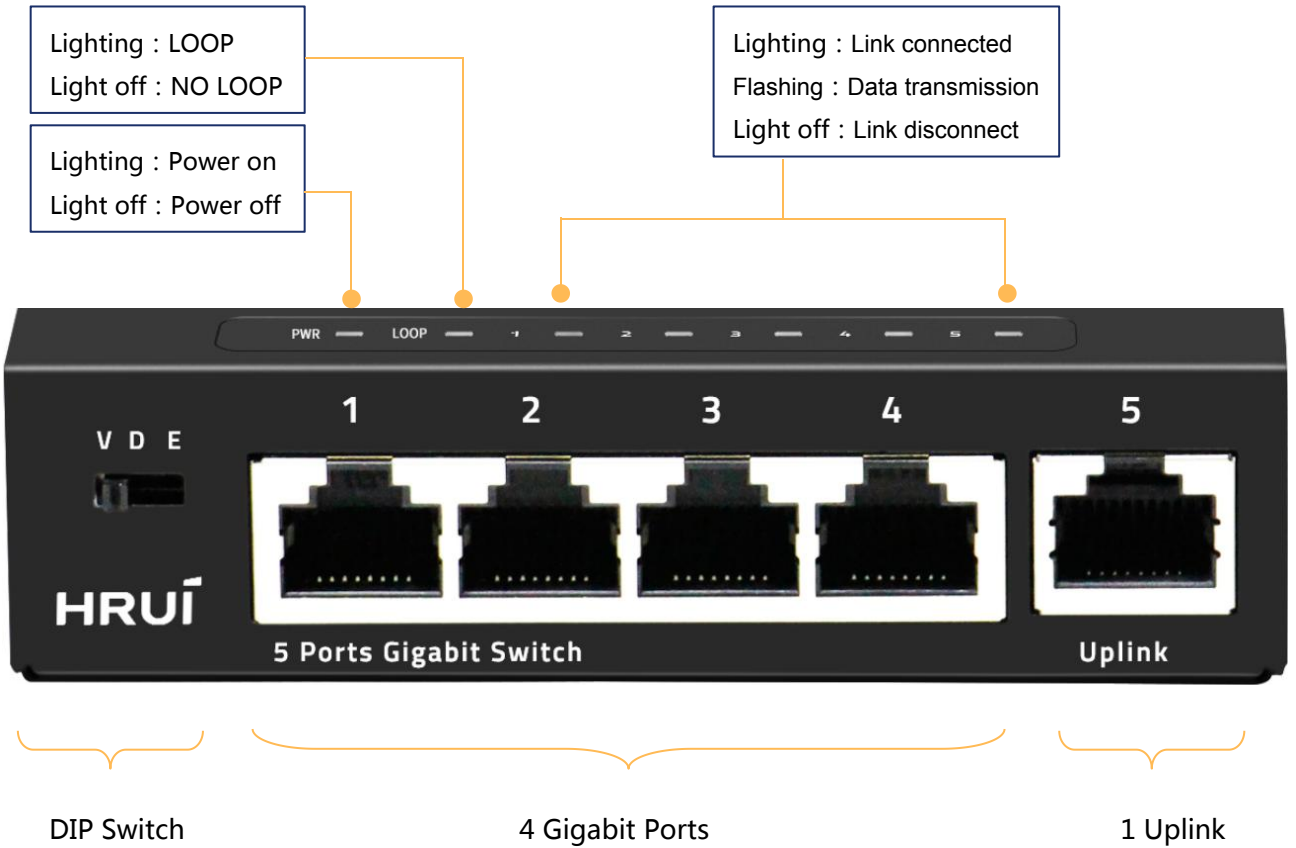
Real-time monitoring:

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

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Specifications	
I/O Interface	
Power	DC 5V
Ethernet	5*RJ45 10/100/1000Mbps Ports
Performance	
Switching Capacity	10Gbps
Throughput	7.44Mpps
Packet Buffer	1M
MAC Address	1K
Jumbo Frame	2K
Transfer Mode	Store and forward
MTBF	100000 hour
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) Shock: IEC 60068-2-27 Free Fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
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

DATA SHEET

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：100*70*26mm
	Package Size：175*120*63mm
	Product Net-Weight：0.2kg
	Product Gross-Weight：0.4kg
Packing Info	MEAS：505*320*400mm
	Packing Qty：40 unit
	Packing weight：17KG
Power Voltage	Power Input Voltage ：AC 100-240 V
	Switch Input Voltage: : DC 5 V1A
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pc, Warranty card 1 pc

Indication	
DIP Switch	VLAN：Port Isolation, 1-4 ports are isolated each other, all communicate with uplink port 5; Default：Default mode, all ports communicate with each other; Extend：Monitor Mode, 1-4 ports support 100M speed reduction negotiation, support 250 meters in 10Mbps/s mode, port 5 as uplink port ;
LED Indicators	PWR、Loop、Link

Ordering Info	
HR-SWG1050	5-Port Gigabit Intelligent Ethernet Switch

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Dimension

Lighting : LOOP
Light off : NO LOOP

Lighting : Power on
Light off : Power off

Lighting : Link connected
Flashing : Data transmission
Light off : Link disconnect

PWR   LOOP   1   2   3   4   5

V D E

1   2   3   4   5

HRUÍ

5 Ports Gigabit Switch   **Uplink**

DIP Switch   4 Gigabit Ports   1 Uplink

Application

— DATA
— DATA&PoE

Genius Gigabit Switch

Router

NVR

IP Camera

PoE Switch

PTZ IP Camera

Wireless AP

VoIP Phone

Video Intercom

PoE Speaker