DATA SHEET

16-Port Gigabit Intelligent Ethernet Switch

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

www.hruitech.com

CE FC RoHS

The 16-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 16 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

- 16*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 1-8 supports Qos data priority

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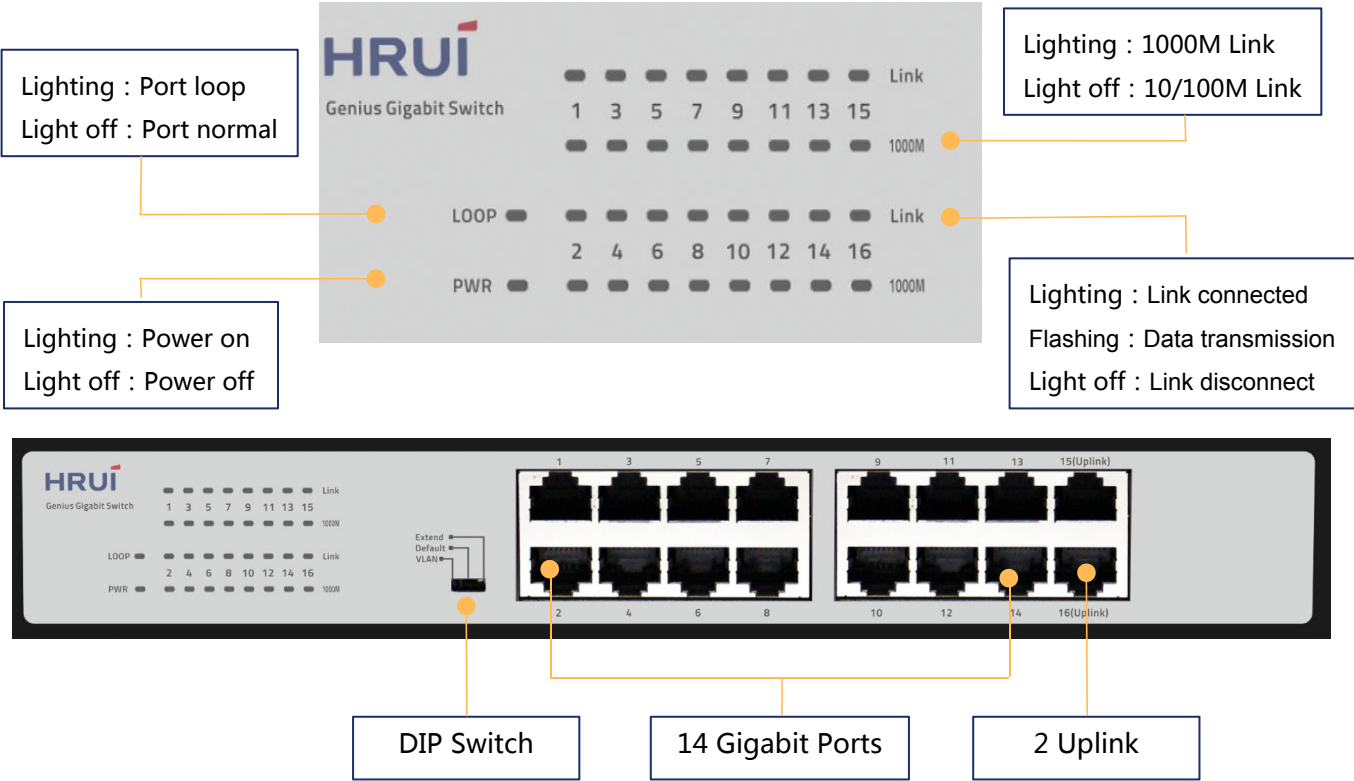
Real-time monitoring:
Simultaneous transmission of real-time control signals, images and data

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Specifications	
I/O Interface	
Power	AC input（100-240V）
Ethernet	16*RJ45 10/100/1000Mbps Ports
Performance	
Switching Capacity	32Gbps
Throughput	23.8Mpps
Packet Buffer	4M
MAC Address	8K
Jumbo Frame	4K
Transfer Mode	Store and forward
MTBF	100000 hour
Standard	
Network protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX/FX) IEEE802.3ab (1000Base-TX/FX) 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

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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：270*180*45mm Package Size：312*262*84mm Product Net-Weight：1.0kg Product Gross-Weight：1.5kg
Packing Info	MEAS：540*435*332mm Packing Qty：10 unit Packing weight：16.5KG
Power Voltage	Input Voltage: AC 100-240 V Output Voltage：12V2A
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pc, Warranty card 1 pc, Brackets 1 pair(Optional)
Indication	
DIP Switch	VLAN：Port Isolation, 1-14 ports are isolated each other, all communicate with uplink port 15/16; Default：Default mode, Support loop alarm; Extend：Monitor Mode, 1-14 ports support 100M speed reduction negotiation, support 250 meters in 10Mbps/s mode, port 15 and port 16 as uplink port ;
LED Indicators	PWR、LOOP、Link、1000M

Ordering Info	
HR-SWG10160D	16-Port Gigabit Intelligent Ethernet Switch

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Dimension

Lighting：Port loop
Light off：Port normal

Lighting：1000M Link
Light off：10/100M Link

HRUI
Genius Gigabit Switch

Link
1 3 5 7 9 11 13 15
1000M

LOOP
2 4 6 8 10 12 14 16
PWR

Link
1000M

Lighting：Power on
Light off：Power off

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

| DIP Switch | 14 Gigabit Ports | 2 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