16 ports Gigabit Ethernet Switch

(HR-SWG00160D)

⬤ Product Description

16-port Gigabit Ethernet Switch is designed with a black iron casing and supports 1-key VLAN. The panel has LED indicators to dynamically display device connection and operation, providing a simple fault detection method for easy maintenance and management.

The adaptive port can be automatically adapted in 10M, 100M, 1000M networks, and can automatically adapt to full-duplex or half-duplex mode; MAC address autonomous learning function to ensure error-free data transmission; Store-and-forward mode to prevent corrupted data packets from being in the network Flooding; Flow control function, can prevent the impact of instantaneous large amount of data on the network; The port supports MDI / MDIX auto-flip function, all ports are non-blocking line rate transmission.

It is mainly located in the core or convergence layer of user networks such as industrial parks, buildings, factories and mines, government agencies, and residential broadband; it can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, Internet cafes, hotels, and schools.
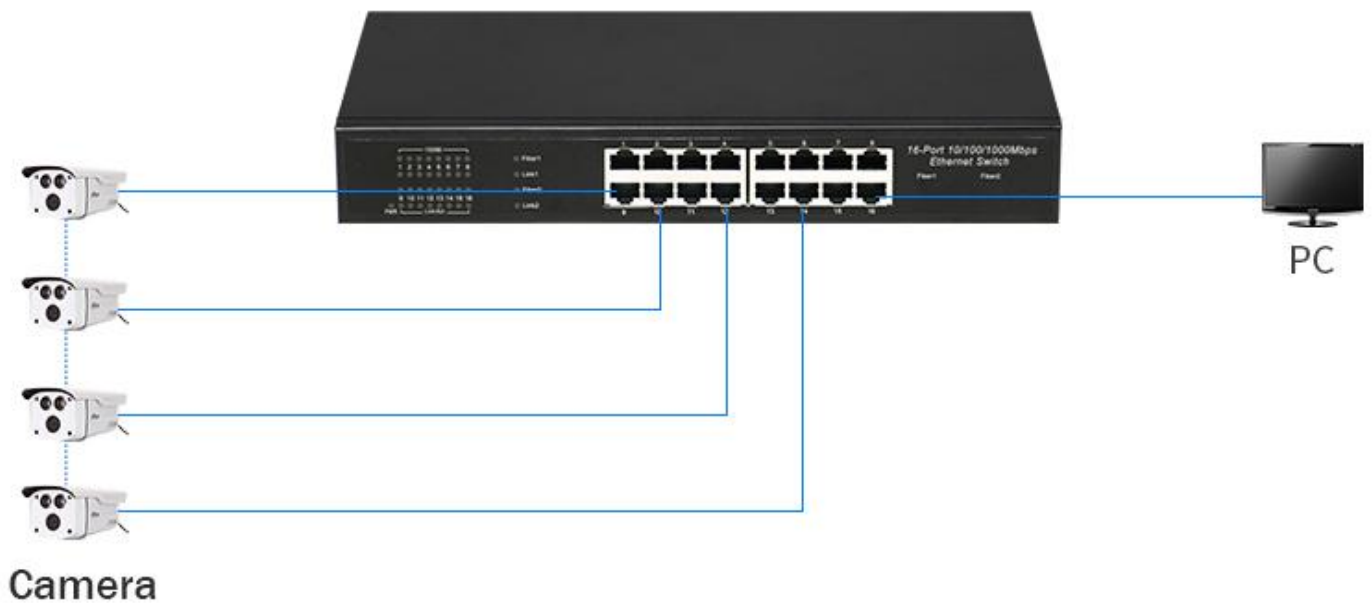
⬤ Main Feature

1. Support 16 Gigabit Ethernet ports

2. Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3x, IEEE 802.3ab Standards

3. Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard

4. Support port auto flip (Auto MDI/MDIX)

5. Switching system using store-and-forward

6. All ports support wire-speed switching and support jumbo frame transmission

7. Panel indicator monitoring status and help failure analysis

Shenzhen Hong Rui Optical Technology Co., Ltd

16 Ports Gigabit Ethernet Switch

● **Application Environment**

➢ City Fiber Broadband Network: Telecom, cable TV, network system integration, etc., according to network operators

➢ Broadband private network: Suitable for financial, government, oil, electricity, public security, 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: Real-time control of signals, images and data simultaneously transmitted

● **Connection Diagram**

Camera

PC

Physical Pic Reference

Dimension(242mm*151mm*45mm, Net Weight: 1.0kg/unit)

Package Dimension(410mm*275mm*95mm, Gross Weight:1.5kg/unit)

● Technical parameter list

Product Name	16 Ports Gigabit Ethernet Switch
Model	HR-SWG00160D
Connector Type	16*10/100/1000M copper cable RJ45 ports
Network Protocols	IEEE802.3 IEEE802.3u IEEE802.3x IEEE 802.3ab
Network Media	10BASE-T: Cat 3,4,5 UTP(≤100 meter) 100BASE-T: Cat 5 UTP(≤100 meter) 1000BASE-TX: Cat5E or more UTP (≤100 meter)
Performance Specification	Bandwidth: 32Gbps Packet Forwarding Rate: 23.8Mpps Packet Buffer Memory: 4.1M MAC Address: 8K Forwarding Mode: Store-And-Forward

Led indicator	PWR	Lighting：Powered Un-Light：No Power
	1-16 Port (First Light)	Lighting: Gigabit Link Un-Light: 10/100M Link or Link disconnect
	1-16 Port (Second Light)	Lighting：Connecting Flashing：Data Transmit Un-Light：Disconnect

Power Supply	Voltage Input: AC 100-240V
Working Environment	Operating Temperature: 0℃ ～40℃; Storage Temperature: -40℃ ～85℃; Operating Humidity: Max 90%, non-condensing Storage Humidity: Max 95%, non-condensing Working Height: Max to 10,000 feet (3,000 meters) Storage Height: Max to 10,000 feet (3,000 meters)

Physical Parameter	Product Dimension (L*W*H): 242mm*151mm*45mm Package Dimension (L*W*H): 410mm*275mm*95mm N.W: 1KG G.W: 1.5KG
Certification	CE, FCC, ROHS, CCC
Package Contents	1.Ethernet Switch：1 unit 2.User Guide：1 unit 3.Warranty Card：1 unit 4.Power Cord：1 unit 5.1U Rack Mount: 1 pair
Warranty	2 years warranty