

## 6 ports Gigabit Intelligent Industrial Switch



[www.hrgdkj.com](http://www.hrgdkj.com)

CE FC RoHS

HR500-SWG1042S intelligent industrial Ethernet Switch, support 4 \* gigabit ports+2\*gigabit SFP port, support DIN-Rail & Wall mounts, support double power supply input (DC12-55V), working temperature -40°C~ +85°C, It has passed the industrial environment certification and complies with FCC ,CE,CCC.RoHS standards.The reliable industrial design can ensure that your automation system runs without interruption and stability.

This series of industrial switches can be widely used in wind, electricity, assembly automation, subway PIS, power SCADA, sewage treatment, metallurgy, intelligent transportation, rail transportation, military and other industries,is a green low power industrial Ethernet switch.

### Main feature

- Support 4 \* gigabit ports+2\*gigabit SFP port
- Industrial grade 4 design, -40 to 75°C working temperature.
- IP40 protect grade, high strength iron shell, DIN35 Rail installation
- 3-speed dial supports VLAN, Genius, Extend three modes
- Supports rail and wall mounting

### Application Environment

**Metro Optical Fiber Broadband Network:**

Metro Optical Broadband Network: Data network operators such as telecommunications, cable TV, and network system integration,etc.

**Broadband private network:**

Broadband private network: suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries

**Multimedia transmission:**

Multimedia transmission: integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications

**Real time monitoring:**

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

**Resistant to harsh environments:**

Resistant to harsh environments: suitable for networking in harsh environments with strong electromagnetic interference and long distances

Technical Parameter	
<b>Input/Output interface</b>	
Power	DC 12 ~ 55V
Ethernet	4 100M RJ45 Port 2 Gigabit SFP Ports
<b>Performance</b>	
Bandwidth	12Gbps
Package Forwarding Rate	8.928Mpps
MAC Address	1K
Jumbo frame	9.6Kbytes
Forwarding mode	Store and forward
MTBF	100000
<b>Standard</b>	
Network Protocols	IEEE802.3 IEEE802.3i IEEE802.3u IEEE802.3ab IEEE802.3z
Industry Standard	EMI: FCC Part 15, CISPR (EN55022) class A EMS: EN61000-4-2 (ESD) EN61000-4-4 (EFT) EN61000-4-5 (Surge)
Network Media	10BASE-T: Cat5 or more UTP(≤100 m) 100BASE-TX: Cat5 or more UTP(≤100 m) 1000BASE-TX: Cat5 or more UTP(≤100 m)

Fiber Media	<b>Multi-mode: 850nm, 1310nm. transmission distance: 550m/2Km</b> <b>Single-mode: 1310nm, 1550nm. transmission distance: 20/40/60/80/100/120Km</b>
<b>Certification</b>	
Safety certificate	CE, FCC, RoHS
<b>Environmental standards</b>	
Working Environment	Operating Temperature: -40 ~ 75°C Storage Temperature: -40 ~ 85°C Humidity: 5%~95 %( non-condensing)
<b>Physical Specifications</b>	
Specification Size	Product Size: 120*87*30 mm Packing Szie: 175*130*55mm Product net weight: 0.441 KG Product gross weight: 0.530 KG (excluding power )
Packing Info	Outer box size: 540*290*375mm Packing quantity: 40 PCS Packing weight: 22.2KG
Voltage	Voltage input: DC12 ~ 55V Power wiring: 4 PIN industrial terminals (redundant V1+V1-, V2+V2-) / DC 2.1
Packing List	1. Industrial switch: 1 2. Instructions: 1PCS 3. Qualification certificate, warranty card 1PCS 4. Mounting ears: 1 pair
<b>Function indication</b>	
LED indicator	PWR, 1-6 Green
PWR	Lighting: Powered Un-Light: No Power
1-6 Green	Blinking slowly: 10/100 links are normal Off: link failure Flash: link data transfer
DIP Function	V,G,E (Open Up, Close Down)
V	V: VLAN mode, ports 1-8 are isolated, and both communicate with ports 9 and 10
G	G: Normal mode
E	E: In extension mode, ports 1-8 are reduced to 10M and can be extended to 250 meters

Order Info	
HR500-SWG1042S	6 ports Gigabit Intelligent Industrial Switch

## Panel renderings



## Product Structure

