

# 10 Port Industrial Light Web Managed Switch



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CE FC RoHS

HR500-SWGW2082S, HRUI' s latest research and development of high performance and cost-effective industrial light web managed switch, support 8\* Gigabit Ethernet Ports, 2\* Gigabit SFP Ports, iron housing , IP40 Defense, 6KV Surge Protection, 15KV ESD, with super anti-interference protection capacity, support DIN rail/wall mounting installation. Support redundant power input (DC12-55V), operating temperature range -40 ° C to +75 ° C, pass the industrial environment certification, and complies with FCC, CE, and CCC standards, reliable industrial design can ensure your system uninterrupted and stable operation. This series of industrial switch can be widely used in wind power, electric power, assembly automation, metro PIS, power SCADA, sewage treatment, metallurgy, intelligent transportation, rail transportation, military and other industries, is a green and low power industrial switch.

## Main Feature

- Support 8\* Gigabit Ethernet Port+ 2\* Gigabit SFP Port
- DC12V~55V Input, Overvoltage, overload and anti-reverse connection
- 4PIN Industrial terminals, dual redundant power supply
- Iron housing, IP40 Defense
- EMC Industrial grade high strength protection design,
- 6KV Surge Protection, 15KV ESD,
- Operating temperature range -40 ° C to +75 ° C DIN35 rail/wall mounting installation

## 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

**Resistance to harsh environment:**  
Suitable for networking in harsh environment with strong electromagnetic interference and long Distance.

## Specification

<b>I/O Interface</b>	
Power	DC (12 ~ 55V)
Ethernet	8* Gigabit Ethernet Port 2* Gigabit SFP Port
<b>Chipset</b>	
Main Chipset	RTL8370MBI
<b>Performance</b>	
Bandwidth	20Gbps
Pack Forwarding Rate	14.88Mpps
Pack Cache	2M
MAC Address	4K
Jumbo Frame	4096bytes
Transfer Mode	Storage & Forward
MTBF	100000 Hours
<b>Standard</b>	
Network Protocol	IEEE802.3 IEEE802.3i IEEE802.3u IEEE802.3ab IEEE802.3z
Industrial Standard	EMI: FCC Part 15, CISPR (EN55022) class A EMS: EN61000-4-2 (ESD) EN61000-4-4 (EFT) EN61000-4-5 (Surge)
Network Medium	10BASE-T: Cat3, 4, 5 UTP(≤100 m) 100BASE-TX: Cat5 or above UTP(≤100 m) 1000BASE-TX: Cat5pr above UTP(≤100 m)
Fiber Medium	Multi-mode Fiber: 850nm, 1310nm Transmission Distance: 550m/2Km Single-mode Fiber: 1310nm, 1550nm Transmission Distance: 20/40/60/80/100/120Km

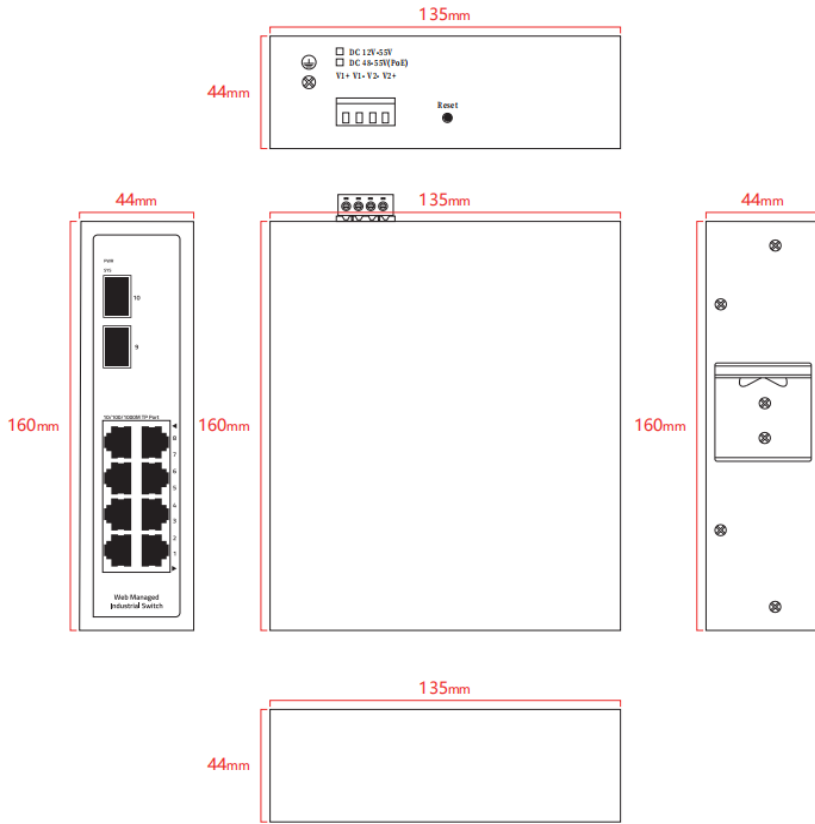
<b>Certification</b>	
Safety Certificate	CE, FCC, RoHS
<b>Environment Standard</b>	
Working Environment	Working Temperature: -40 ~ 75°C Storage Temperature: -40 ~ 85°C Humidity: 5%~95 %, non-condensing
<b>Physical Structure</b>	
Structure Size	Product Dimensions: 160*135*44mm Package Dimensions: 242*207*86mm Product N.W: 0.74 KG Product G.W: 0.91 KG
Packing Info	Carton Dimensions: 445*445*510mm Packing Quantity: 20 Pieces Packing weight: 19.2 KG
Power Voltage	Voltage Input: DC(12 ~ 55V) Power supply wiring: 4PIN Industrial Terminal (V1+V1-V2+V2-)
Consumption	< 30W
Package List	1. Industrial Switch: 1PCS 2. User Manual: 1PCS 3. Certificate: 1PCS 4. Mounting Ear: 1 PCS
<b>Function Indicator</b>	
LED Indicator	PWR Indicator On: Powered on Off: Powered off 1-10 Port Green LED Light On: Link Connecting Flashing: Data Transmitting Off: Link Off
<b>Order Info</b>	
HR500-SWGW2082S	10 Port Industrial Light Web Managed Switch

Menu Item	Sub menu	Secondary submenu	Instructions
System	System Info		Display port status and product information
	IP Setting		Configure the management IP address of the current device
	Account		Configure & view device user information
	Port Setting		Configure & view the information about all ports on the device
Configuration	VLAN	Static VLAN	Configure & view VLAN
		VLAN Setting	Configure & view PVID VLAN
	QOS	Priority Option	Configure & view Priority Option
		DSCP Remapping	Configure & view DSCP Remapping
		Priority Queue	Configure & view priority to queue information
		Port Priority	Configure & view Port Priority
		Queue Weight	Configure & view Queue Weight
	IGMP		Configure & view IGMP Snooping
	Aggregation Group		Configure & view Aggregation Group
	Loop Prevention		Configure & view Loop Prevention

Configuration	RSTP Overall		Configure & view RSTP Overall Information
	RSTP Port		Configure & view RSTP Port Information
	Port Mirror		Configure & view Port Mirror
	Port Isolation		Configure & view Port Isolation
	Bandwidth Control		Configure & view the rate limit for ports
	Jumbo Frame		Configure & view Jumbo Frame
	MAC Limit		Configure & view MAC Limit
	Green Ethernet		Configure & view the Green Ethernet configuration
	EEE		Configure & view the port EEE energy saving status and information
	SNMP		Configure & view SNMP Information

Safety	MAC Address	MAC	View MAC Address Information
		MAC Check	View MAC Address search
		Static MAC	Configure & view static MAC Address information
	Broadcast Storm		Configure & view Broadcast storm information
Monitoring	Port Statistic		View Port Statistic
	Link diagnosis		Ethernet interface link diagnosis
System tools	Firmware Update		Update the device software version
	Configuration Backup		Update the configuration file
	Reset		Reset the system
	Save		Save the configuration
	Restart		Restart the system

## Product Structure



## Product Application

