

10 Ports Gigabit Managed Industrial Switch

(Adopt VTS Industrial Grade Switch Chip)

【Product Description】

10 Port Gigabit Industrial Ethernet Switch, 8 Gigabit Ports + 2 Gigabit SFP Port + 1 Console port, supporting Din rail and wall mounting. Supports dual power input (DC12-55V); -40 to 85°C working temperature; Certified by industrial environment and support FCC, CE, CCC, RoHS standards; Reliable industrial design ensures uninterrupted automation system Stable operation.

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

This series of switches provides advanced network management capabilities: redundant ring, loop protection, VLAN, QOS, speed control, port mirroring, and firmware online upgrades. With standardized industrial design, it can meet the stringent requirements of industrial sites. All components use industrial grade for greater reliability, providing redundant, wide-voltage power inputs and outputs for uninterrupted industrial safety communications.

【Features】

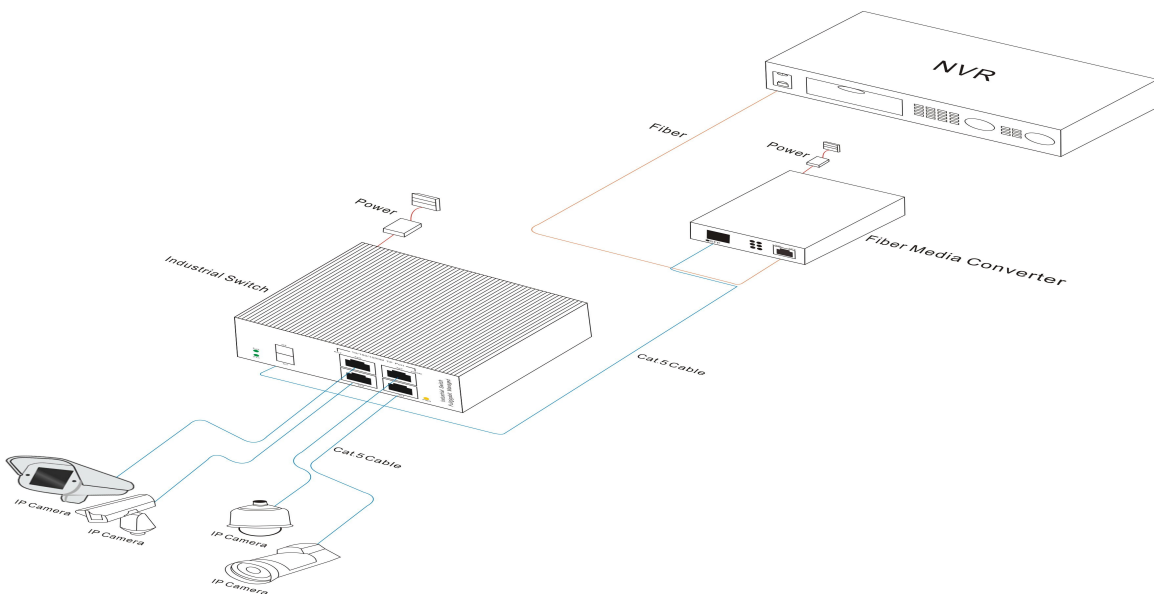
- 8 Gigabit Ports + 2 Gigabit SFP Port + 1 Console port
- Support: IEEE802.3、IEEE802.3u, IEEE802.3x, IEEE802.3z / ab, IEEE802.1Q, IEEE802.1p, IEEE802.1d/w
- Support STP (802.1D) , RSTP (802.1w), MSTP (802.1s), ERPS.
- Support SNMP v1/v2/v3.
- Support IGMP Snooping , Static multicast filtering and MLD Snooping.
- Support 802.1x port and AAA Certification, Enhance network security.
- Support WEB, Telnet, CLI,SSH management.
- IP40 protection, rugged high-strength metal case, DIN35 Rail mounting
- EMC grade 4 design, -40 to 85°C working temperature.
- Support Redundant power supply access, support anti-reverse connection.

- Support lightning protection, Surge: General Mode 6KV, Differential Mode 2KV, ESD: 15KV,
- Support EMC EN55032 standard.

【Application Environment】

- ◆ Metropolitan area fiber broadband network: telecommunications, cable TV, network system integration, etc., network operators.
- ◆ Broadband private network: Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries.
- ◆ Multimedia transmission: image, voice, data integrated transmission, suitable for remote teaching, conference TV, videophone and other applications.
- ◆ Real-time monitoring: simultaneous transmission of real-time control signals, images, data
- ◆ Resistant to harsh environment: Suitable for strong electromagnetic interference, networking in harsh environments at long distances.

【Connection diagram】



【Technical parameters】

Product Name	10 Ports Gigabit Managed Industrial Switch
Product Model	HR600-SWG2082S
Port Definition	8 Gigabit Ports + 2 Gigabit SFP Port + 1 Console port
Network Protocols	IEEE802.3 IEEE802.3u IEEE802.3z

	IEEE802.3ab IEEE802.3x IEEE802.1d IEEE802.1w
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 M) 100BASE-TX: Cat5 or above UTP(≤100 M) 1000BASE-TX: Cat5 or above UTP(≤100 M)
Fiber Media	Multi-mode: 850nm, 1310nm Transmission Distance: 550m/2Km Single-mod: 1310nm, 1550nm Transmission Distance: 20/40/60/80/100/120Km
LED Indicator	PWR Lighting: Powered Un-Light: No Power
	SYS Lighting: System is operating normally Un-Light: System is not running
	Yellow light Lighting: 1000M Link Un-Light: 10/100M Link
	Green light Slow Flashing: 10/100/1000 Link normally Un-Light: Link disconnect Flashing: Link data transmission
	G9-G10 Lighting: Fiber Connection is Normal Un-Light: Disconnect Flashing: Link data transmission
Power Supply	Input Voltage: DC12 ~ 55V Type of input: 4 PIN Industrial Terminal (block V1+V1- V2+ V2-)
Physical structure	Protect grade: IP40 Installation: DIN Rail Product weight: 0.8 KG Package weight: 1.1 KG (Without power) Product Dimensions (L×W×H): 165mm×130mm×65mm Package Dimensions (L×W×H): 245mm×21mm×88mm Standard packing (L×W×H): 600mm×495mm×435mm Standard packing quantity : 28(PCS)
Working Environment	Operating temperature: -40 ~ 85°C Storage temperature: -40 ~ 85°C Humidity: 5%~95 % (No condensation)
Industry Standard	EMI: FCC Part 15, CISPR (EN55032) class A EMS: EN61000-4-2 (ESD) EN61000-4-4 (EFT) EN61000-4-5 (Surge)

Certification	CE , FCC , ROHS
MTBF	100,000 hours
Packing list	<ol style="list-style-type: none"> 1. Industrial grade switch: 1 Set 2. Instruction manual: 1 PCS 3. Certificate, warranty card: 1 PCS 4. Serial cable: 1PCS 5. Operation manual CD: 1 PCS
Warranty	5 years
Hardware Parameters	
Bandwidth	20Gbps
Packet Forwarding Rate	14.88Mpps
RAM	128MB
Flash	16MB
Packet Buffer Memory	4M
Jumbo frame	9.6Kbytes
VLANs	4096
MAC	8K
Forwarding Mode	Store-And-Forward

Menu Items	Submenus	Secondary Submenus	Triple Submenus	
Information & Status	System Information			
	IP Status			
	Syslog			
	Detailed Syslog			
	MAC Table			
	VLANs	Membership		
		Ports		
	Ports	Traffic Overview		
Detailed Statistics				

Menu Items	Submenus	Secondary Submenus	Triple Submenus	
	LACP	System Status		
		Port Status		
		Port Statistics		
	Green Ethernet			
	LLDP	Neighbors		
		Port Statistics		
	Loop Protection			
	Spanning Tree	Bridge Status		
		Port Status		
		Port Statistics		
	IGMP Snooping	Status		
		Groups Information		
		IPv4 SFM Information		
	MLD Snooping	Status		
		Groups Information		
		IPv6 SFM Information		
	DHCP	Server		Statistics
				Binding
				Declined IP
		Snooping Table		
		Relay Statistics		

Menu Items	Submenus	Secondary Submenus	Triple Submenus
	Security	Detailed Statistics	
		Port Security	Switch
			Port
		Access Management Statistics	
		802.1X	Switch
			Port
		ACL Status	
		AAA	RADIUS Overview
			RADIUS Details
		QoS	QoS Statistics
QCL Status			
Network Admin	IP Config		
	IP Status		
	DHCP Server	Mode	
		Excluded IP	
		Pool	
	NTP		
	Timezone		
	SNMP	System	
		Trap	

Menu Items	Submenus	Secondary Submenus	Triple Submenus
		Communities	
		Users	
		Groups	
		Views	
		Access	
	Syslog		
Port Configure	Ports		
	Aggregation	Static	
		LACP	
	Mirroring		
	Green Ethernet		
	DDM	DDM Configuration	
		DDM Overview	
		DDM Detailed	
PoE	PoE Setting		
	PoE Status		
Advanced Configure	MAC Table		
	VLANs		
	GVRP	Global config	
		Port config	
	Port Isolation	Port Group	

Menu Items	Submenus	Secondary Submenus	Triple Submenus	
		Port Isolation		
	Loop Protection			
	Spanning Tree		Bridge Setting	
			MSTI Mapping	
			MSTI Priorities	
			CIST Ports	
			MSTI Ports	
	IPMC Profile		Profile Table	
			Address Entry	
	MEP			
	ERPS			
	IGMP Snooping		Basic Configuration	
			VLAN Configuration	
			Port Filtering Profile	
	IPV6 MLD Snooping		Basic Configuration	
		VLAN Configuration		
		Port Filtering Profile		
LLDP				
Security Configure	Users			
	Privilege Levels			
	SSH			

Menu Items	Submenus	Secondary Submenus	Triple Submenus	
	Port Security Limit			
	Access Management			
	802.1X			
	ACL		Ports	
			Rate Limiters	
			Access Control List	
	DHCP		Snooping Setting	
			Snooping Table	
			Relay	
			Relay Statistics	
			Detailed Statistics	
	IP&MAC Guard	Source	Configuration	
			Static Table	
			Dynamic Table	
	ARP Inspection		Port Configuration	
			VLAN Configuration	
			Static Table	
			Dynamic Table	
	AAA		RADIUS	
			TACACS+	
	QoS	Port Classification		

Menu Items	Submenus	Secondary Submenus	Triple Submenus	
Configure	Port Policing			
	Queue Policing			
	Port Scheduler			
	Port Shaping			
	Port Tag Remarking			
	Port DSCP			
	DSCP-Based QoS			
	DSCP Translation			
	DSCP Classification			
	QoS Control List			
	Storm Policing			
Diagnostics	Ping			
	Cable Diagnostics			
	CPU Load			
Maintenance	Restart Device			
	Factory Defaults			
	Firmware Upgrade			
	Firmware Select			
	Configuration	Download		
		Upload		
		Activate		

Menu Items	Submenus	Secondary Submenus	Triple Submenus
		Delete	

【Ordering Information】

Equipment model	Description
HR600-SWG2082S	Layer 2 Management, 8 Gigabit Ports + 2 Gigabit SFP Port + 1 Console port

【Product Picture】

