

10 Ports Gigabit Managed Industrial Switch

(Adopt VTS Industrial Grade Switch Chip)

【Product Description】

10 Port Gigabit Industrial Ethernet Switch, 8 Gigabit Ports + 2 *2.5G SFP Port(Compatible with 1.25G / 155M) + 1 Console port, Integrated bypass protection function , supporting Din rail and wall mounting. Supports dual power input (DC12-55V); -40 to 75℃ 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 *2.5G SFP Port(Compatible with 1.25G / 155M) + 1 Console port
- Support: IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z / ab, IEEE802.1Q, IEEE802.1p, IEEE802.1d/w
- Support bypass protection function
- 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 75℃ working temperature.
- Support Redundant power supply access, support anti-reverse connection.
- Surge Protection: General 6KV, Differential 4KV; ESD 15KV(Air), 8KV (Contact)
- 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.

【Technical parameters】

Product Name	10 Ports Gigabit Managed Industrial Switch	
Product Model	HR600-SWG2082AS-BP	
Port Definition	8 Gigabit Ports +2 *2.5G SFP Port(Compatible with 1.25G / 155M) + 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)	
Bypass	P1: Optical Fiber in or out Port (P3 and P4 are corresponding outlets, recommended to connect A) P3: Optical Fiber in or out Port (P1 and P2 as corresponding outlets, recommended to connect B)	
	P2: SFP Module Fiber Port (P3 as corresponding outlets, recommended to connect A) P4: SFP Module Fiber Port (P1 as corresponding outlets, recommended to connect B)	
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: DC 12 ~ 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): 242mm×207mm×86mm Standard packing (L×W×H): 445mm×445mm×510mm Standard packing quantity : 20(PCS)	
Working Environment	Operating temperature: -40 ~ 75℃ Storage temperature: -40 ~ 85℃	

	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	1. Industrial grade switch: 1 Set 2. Instruction manual: 1 PCS 3. Certificate, warranty card: 1 PCS 4. Serial cable: 1PCS
Warranty	5 years
Hardware Parameters	
Bandwidth	26Gbps
Packet Forwarding Rate	19.34Mpps
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		
	LACP	System Status		
		Port Status		
		Port Statistics		
	Green Ethernet			
LLDP	Neighbors			

Menu Items	Submenus	Secondary Submenus	Triple Submenus	
		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			Statistics
			Server	Binding
				Declined IP
			Snooping Table	
			Relay Statistics	
			Detailed Statistics	
	Security	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				

Menu Items	Submenus	Secondary Submenus	Triple Submenus
	Timezone		
	SNMP	System	
		Trap	
		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	
		Port Isolation	
	Loop Protection		
	Spanning Tree	Bridge Setting	
		MSTI Mapping	
		MSTI Priorities	
		CIST Ports	
MSTI Ports			
IPMC Profile	Profile Table		

Menu Items	Submenus	Secondary Submenus	Triple Submenus	
		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			
	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 Source Guard		Configuration	
			Static Table	
			Dynamic Table	
	ARP Inspection		Port Configuration	
			VLAN Configuration	
			Static Table	
			Dynamic Table	
	AAA		RADIUS	

Menu Items	Submenus	Secondary Submenus	Triple Submenus	
		TACACS+		
QoS Configure	Port Classification			
	Port Policing			
	Queue Policing			
	Port Scheduler			
	Port Shaping			
	Port Tag Remark			
	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		
		Delete		

【Ordering Information】

Equipment model	Description
HR600-SWG2082AS-BP	Layer 2 Management, 8 Gigabit Ports + 2 *2.5G SFP Port(Compatible with 1.25G / 155M) + 1 Console port

【Product Picture】