

## HR600-SWTG342408F



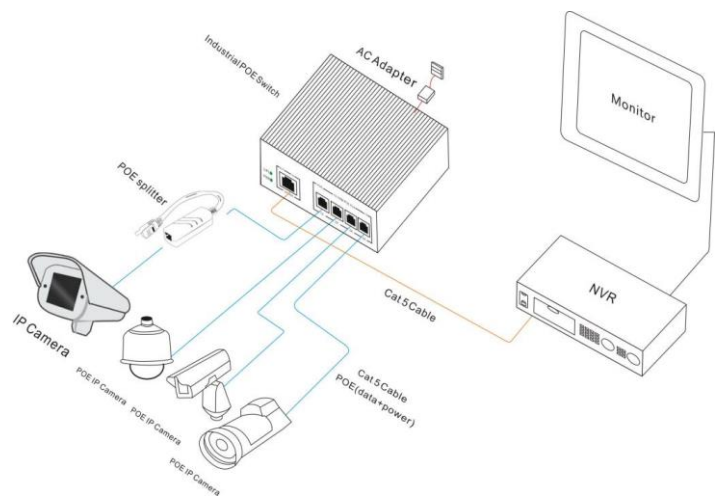
### Product Features

- With 128G back plane bandwidth, wire-speed three-tier exchange packet forwarding rate of 96Mpps
- Support software dynamic routing, static routing function
- Auto MDI/MDI-X, Full duplex: Flow control, Half duplex: Back pressure
- Support IEEE 802.1Q VLAN,MAC VLAN,VLAN,Private VLAN and VLAN VPN
- Support traditional STP / RSTP / MSTP Layer 2 link protection technology to ensure stable operation of the network
- Web-based GUI and CLI management
- Can be managed through the Web, SNMP Console telnet and other ways.
- Support 10 Gigabit port aggregation function: link aggregation, improve network bandwidth; link backup, to ensure network security
- Supports port-based user IP + MAC address authentication
- Support CPU protection strategy, the CPU packets sent to the traffic classification and flow limit, to avoid illegal attacks on the CPU attacks and resource consumption
- Support storm control function, can uni-cast, broadcast, unknown uni-cast message storm suppression
- Support restore factory settings via reset button
- Support ring network detection, innovative network diagnostic function
- Low-carbon environmental protection and energy conservation, follow the IEEE 802.3az port to provide low-power idle mode, according to the cable length of the corresponding output power adjustment, and support port sleep
- Industrial IP40 protection class, EMC circuit design, support wide temperature and wide voltage, dual redundant backup power supply, fanless noiseless machine thermal design

### Product Description

28 port 10 gigabit managed industrial switches, based on BCM chips with high quality, the user can select photoelectric hybrid port configuration, access to the optical fiber media adopts modular design, 24 \*Gigabit SFP ports+8\* Gigabit RJ45 Combo ports+ 4\*10G SFP Uplink + 1 \*Console port., to gather and core data exchange to provide enough bandwidth, providing sufficient data for aggregation and core data exchange Of the bandwidth; to provide high-capacity switching capabilities to support based on the three or four layers of ACL function. Perfect security control strategy and CPU protection policy to improve fault tolerance and ensure stable operation of the network and link load balancing. The device supports automatic DoS attack defense and SNMP, IEEE 802.1, spanning tree and spanning tree protocol, Link aggregation and other functions, suitable for small and medium enterprises, campus network, Internet cafes and the use of the edge of the metropolitan area network.

### Physical Application Reference



## Order Information

### ➤ Accessories in the Package

Package List	POE Switch	1 SET
	User Guide	1 PCS
	Warranty Card	1 PCS
	Certificate	1 PCS
	Din Rail	1 SET

➤ **Note: Power adapter is not included in this package, Please order it separately.**

### ➤ Pic Reference



**Product Dimension(44\*30.7\*4.4cm, Net weight:2.76kg)**



**Package Dimension(57\*40.5\*9 cm,Gross weight:3.52kg)**



## Technical Parameters List

Product name	L3 management POE switch 24 *Gigabit SFP ports+8* Gigabit RJ45 Combo ports+ 4*10G SFP Uplink + 1 *Console port
Model No.	HR600-SWTG342408F
Port	24 *Gigabit SFP ports+8* Gigabit RJ45 Combo ports+ 4*10G SFP Uplink + 1 *Console port
Network protocol	IEEE802.3AF (PoE) IEEE802.3AT (PoE+) IEEE 802.3,10Base-T IEEE 802.3u IEEE 802.3ab IEEE 802.3ae IEEE 802.3x IEEE 802.3ad IEEE 802.1ab-2005, LLDP IEEE 802.w IEEE 802.1q IEEE 802.1p, QoS/CoS IGMP Snooping DHCP Snooping/GMRP
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 m) 100BASE-TX: Cat5 or more UTP(≤100 m) 1000BASE-TX: Cat5 or more UTP(≤100 m)
Fiber Optical	Multimode: 1310nm, 2Km Single Mode: 1310nm, 20/40 Km 1550nm, 60/80/100/120Km
LED	FX,PWR,Link/ Act,SYN
POE Specification	Poe standard :supports IEEE802.3af/IEEE802.3at Single port max : 15.4 (IEEE802.3af ) Single port max : 30w (IEEE802.3at ) POE Port Auto detect AF/AT devices Power Pin Assignment :1 / 2+;3 / 6-
Power supply	Input: AC110-264V Total Power 400W
Dimension	Protect grade level : IP40 Product Size:440x336x45mm Weight: 3.63KG Packing weight 3.25KG
Power	NO POE ≤20W, POE≥360W(Af) , POE≥500W(At)
Environments	Working Temperature:-40~85°C Storage Temperature:-40~85°C Working humidity:90%

	Storage humidity:95%
Certification	CE, FCC,ROHS,CCC
MTBF	100,000 hours
Warranty	5 years
<b>Basic characteristics</b>	
Fixed port	24*10/100/1000 Self-adaptive TP/POE ports,8 SFP Combo ports + 4 ports 10G Ethernet port , 1 console port
Bandwidth	128Gbps
Forwarding rate	96Mpps
Processor	ARM® Cortex™-A9
Flash memory capacity	8MB
Memory Capacity	256M
MAC address table	12K
Queue buffer	64MB
Remote upgrade	Support upgrade through the web version or the local version upgrade
<b>L2 Software Features</b>	
Port management	Enable/Disable port
	speed、duplex、MTU Setting
	flow-control
	Port information view
Port mirroring	Support port access direction, vlan mirror
Port speed limit	Support , speed limit by the chip
Port isolation	Support port isolation
Storm suppression	Supports unknown unicast, unknown multicast, broadcast storm suppression
Link aggregation	Supports static manual aggregation
VLAN	Access
	Trunk
	hybrid
	Supports VLAN assignment based on port, protocol, MAC
	Supported GVRP dynamic VLAN registration
	Voice VLAN
MAC	Support static add, delete
	MAC address learning limit
	Support for dynamic aging time settings
Spanning Tree	Support 802.1d (STP)
	Support 802.1w (RSTP)
	Support 802.1s (MSTP)
IGMP-snooping	Support static add, delete
<b>L3 &amp; Router</b>	
Interface configuration	Support SVI port
ARP	Support static ARP

	Support setting ARP Aging time
VRRP	Supports VRRP route backup
ND	Support IPv6_ND configuration
Router	Static router
	RIP (V1/V2) / OSPF(V2) /
	RIP/OSPF/ Support route authentication function
	RIP/OSPF/ Support route import, filter function
<b>Extender function</b>	
ACL	Based on source MAC, destination MAC, protocol type, source IP, destination IP, L4 port number
	Support time-range time period management
QOS	Based on 802.1p (COS) classification
	Based on DSCP classification
	Based on source IP, destination IP, port number classification
	Support SP, WRR, DRR scheduling strategy
	Support rate speed limit CAR
LLDP	Supports LLDP link discovery protocol
User setting	Add/Delete users
Log	User login, operation, status, event log
Anti-attack	DOS Defense
	Support CPU protection, limit the rate of sending cpu packets
Network diagnosis	Support ping、telnet、trace
System management	Device reset, configuration save / restore, upgrade management, time setting, and so on
<b>Management Function</b>	
CLI	Supports serial command line management
TELNET	Support telnet remote management
WEB	Support administrative pages