

## Managed Harsh PoE Switch HS5000-4GT2GP-POE-IN



## Features

- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z /ab, IEEE802.1Q, IEEE802.1p, IEEE802.1d/w
- Support PoE power management and PoE Watchdog based on data flow detection
- Support IEEE802.3af (15.4W) and IEEE802.3at (30W)
- Support SNMP v1/v2/v3 Simple Network Management Protocol
- Support IGMP Snooping, static multicast filtering, and MLD Snooping filtering
- Support 802.1x port authentication and AAA authentication to enhance network security
- Support WEB, Telnet, CLI, SSH management
- IP40 protection level, high-strength shell, DIN35 rail installation
- Industrial grade 4-level design, operating temperature from -30°C to 65 °C

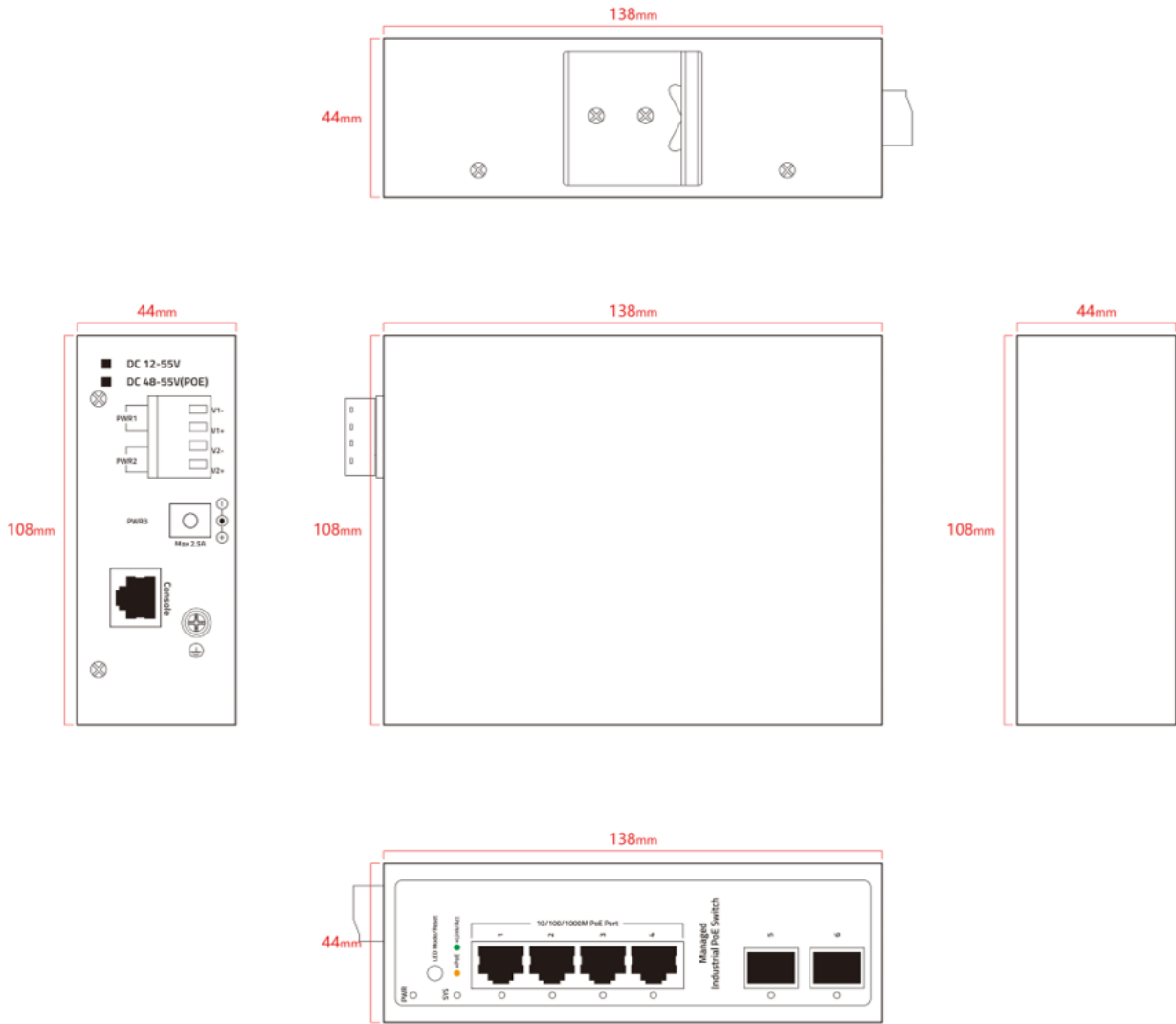
## Specifications

| Model                  | HS5000-4GT2GP-POE-IN                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hardware Specification |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Standards              | IEEE802.3 (Ethernet)<br>IEEE802.3u (Fast Ethernet)<br>IEEE 802.3ab (Gigabit Ethernet)<br>IEEE 802.3z (Gigabit Ethernet Fiber Standard)<br>IEEE802.3x (Flow Control)<br>IEEE 802.1D Spanning Tree Protocol<br>IEEE 802.1w Rapid Spanning Tree Protocol                                                                                                                                                                          |
| Ports Type             | 4*10/1000Mbps RJ45 PoE Ports<br>2*1000Mbps SFP Slots<br>1*Console port                                                                                                                                                                                                                                                                                                                                                         |
| Switching capacity     | 12Gbps                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Forwarding performance | 8.92Mpps                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Packet Buffer          | 4 M bit                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Max.PoE Power          | Max capacity: 65W<br>Max capacity for single port: 30W<br>Mode A 1/2 (-), 3/6 (+)                                                                                                                                                                                                                                                                                                                                              |
| Max.Power              | 70W                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MAC                    | 8K                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Transfer Mode          | Store-and-forward                                                                                                                                                                                                                                                                                                                                                                                                              |
| Dimensions (W×D×H)     | 138*108*44mm                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Operating Temperature  | -30°C to 65 °C                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Operating Humidity     | 10% ~ 95% non-condensing                                                                                                                                                                                                                                                                                                                                                                                                       |
| Storage Humidity       | 5% ~ 95% non-condensing                                                                                                                                                                                                                                                                                                                                                                                                        |
| Indicator              | PWR (Green)<br>Off: Powered off<br>On: Powered on<br>SYS(Green)<br>Flashing: System startup in progress<br>On: System startup completed<br>Ports 1-4/Ports1-8 (Green)<br>Slow Flashing: 10/100/1000Mbps Link normal<br>Off: Link blocked<br>Fast Flashing: Data transmitting<br>Ports 1-4(Yellow)<br>On: PoE powered on<br>Off: PoE powered off<br>Ports G5-G6 (Green)<br>On: 10/100/1000Mbps Link normal<br>Off: Link blocked |

|                        |                                                                                                                                                                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | Flashing: Data transmitting                                                                                                                                                                                                                                                                      |
| Electrostatic Standard | Air 15KV, Contact 8KV (Class B)                                                                                                                                                                                                                                                                  |
| Surge Protection       | Common mode 6KV, Differential mode 2KV (Class B)                                                                                                                                                                                                                                                 |
| Power Supply           | DC:48-57V, powered by adapter                                                                                                                                                                                                                                                                    |
| Button                 | Dual color LED selection: default green (link data), switch yellow LED(PoE)<br>Long press for 6 seconds to restore factory settings                                                                                                                                                              |
| Software Specification |                                                                                                                                                                                                                                                                                                  |
| Ethernet               | Port Switch configuration<br>Port Description configuration<br>Port Speed configuration<br>Port Duplex configuration<br>Port Flow Control configuration<br>Jumbo Frame<br>EEE<br>Fiber Module(DDM)<br>Port Isolation<br>Port Rate-limit<br>Loopback Detection<br>Port Mirroring<br>Storm Control |
| VLAN                   | Access/Trunk/Hybrid<br>VLAN Tunnel (Q-in-Q Tunnel)<br>VLAN range 1-4094, maximum active VLAN is 4K<br>Voice VLAN, MAC VLAN, Surveillance VLAN, Protocol VLAN,<br>GVRP                                                                                                                            |
| MAC                    | Dynamic MAC address<br>Static MAC address<br>Filtering MAC Address                                                                                                                                                                                                                               |
| Reliability            | STP/RSTP/MSTP, BPDU Filter, BPDU Guard, Edge Port, ERPS: Only SFP port                                                                                                                                                                                                                           |
| Multicast              | IGMP Snooping<br>IGMP V1/V2/V3<br>Router Port<br>Static IGMP group address<br>IGMP groups filtering<br>Querier<br>MLD Snooping<br>MVR                                                                                                                                                            |
| POE                    | PoE Temperature<br>PoE Type/Level/Power/Voltage/Current query<br>PoE Switch Configuration<br>PoE Watchdog Configuration<br>PoE power AF/AT adaptation<br>PoE Schedule<br>PoE Port Timer Reboot                                                                                                   |

|             |                                                                                                                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DHCP        | DHCP Server, IP Pool, Static Binding, Option 43, DHCP Relay,DHCP Snooping(Global/VLAN, Option 82, Circuit ID)                                                                                 |
| ACL         | MAC ACL, IPv4 ACL, IPv6 ACL                                                                                                                                                                   |
| IP Route    | IPv4 Static Routes<br>IPv6 Static Routes                                                                                                                                                      |
| Maintenance | Console, HTTP/HTTPS, Telnet, SSH, SNMP<br>Mnager IP(Static Address,DHCP Client,Support IPv4 and IPv6 address,Manager VLAN,DNS)<br>SNMP(V1/V2C/V3,Community,V3 User,Group,Trap Host)<br>Syslog |
| Security    | AAA(RADIUS, TACACS+, 802.1X,Base on port/MAC/local/WEB)                                                                                                                                       |
| QoS         | Traffic classification based, Strict priority and WRR<br>Port Priority<br>802.1P Priority<br>IP TOS Priority<br>IP DSCP Priority<br>Support up to 8 queues per port<br>Priority Remarking     |

# Dimensions



# Unlimited New View

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