Managed Industrial PoE Switch

IS5000-8GT4GP-POE-IN@PWR120





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
- Supports remote viewing and configuration via the APP and IMS Portal.
- IP40 protection level, high-strength shell, DIN35 rail installation
- Industrial grade 4-level design, operating temperature from -40~75°C
- Support redundant power supply connection and anti reverse connection;

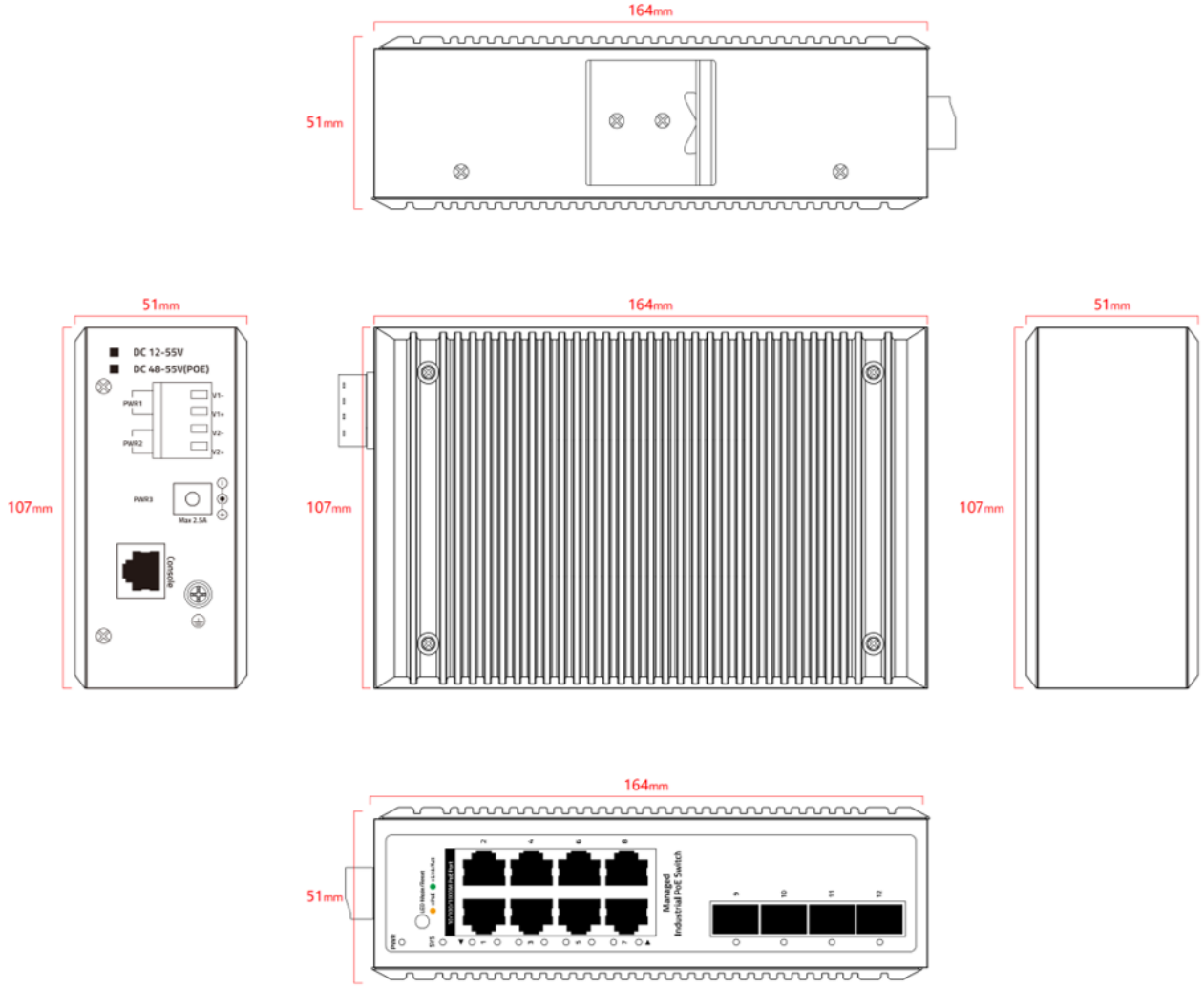
Specifications

Model	IS5000-8GT4GP-POE-IN@PWR120
Hardware Specification	
Standards	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE 802.3ab (Gigabit Ethernet) IEEE 802.3z (Gigabit Ethernet Fiber Standard) IEEE802.3x (Flow Control) IEEE 802.1D Spanning Tree Protocol IEEE 802.1w Rapid Spanning Tree Protocol
Ports Type	8*10/1000Mbps RJ45 PoE Ports 4*1000Mbps SFP Slots 1*Console port
Switching capacity	24Gbps
Forwarding performance	17.85Mpps
Packet Buffer	4 M bit
Max.PoE Power	Max capacity: 110W Max capacity for single port: 30W Mode A 1/2 (-), 3/6 (+)
Max.Power	125W (Mainboard power consumption: 15 W)
MAC	8K
Transfer Mode	Store-and-forward
Dimensions (W×D×H)	164*107*51mm
Operating Temperature	-40°C to 75 °C
Operating Humidity	10% ~ 95% non-condensing
Storage Humidity	5% ~ 95% non-condensing
Indicator	PWR (Green) Off: Powered off On: Powered on SYS(Green) Flashing: System startup in progress On: System startup completed Ports 1-4/Ports1-8 (Green) Slow Flashing: 10/100/1000Mbps Link normal Off: Link blocked Fast Flashing: Data transmitting PoE(Yellow) On: PoE powered on Off: PoE powered off Ports G5-G8/G9-G12 (Green) On: 10/100/1000Mbps Link normal Off: Link blocked

	Flashing: Data transmitting
Electrostatic Standard	Air 8KV, Contact 6KV (Class B)
Surge Protection	Common mode 6KV, Differential mode 2KV (Class B)
Power Supply	DC:48-57V, powered by adapter (NVR-120-48, input voltage : 100-240V AC , output voltage : 48V DC, 2.5A , 40*125.2*113.5mm, DIN35 rail installation)
Button	Dual color LED selection: default green (link data), switch yellow LED(PoE) Long press for 6 seconds to restore factory settings
Protection Level	IP40
Basic	
Installation Type	Desktop, Wall, DIN-Rail
Port Surge Protection	Differential mode ±2KV , Common mode ±6KV
Port ESD Standard	Contact ±6KV, Air ±8KV
Certification	CE, FCC
Software Specification	
Ethernet	Port Switch configuration Port Description configuration Port Speed configuration Port Duplex configuration Port Flow Control configuration Jumbo Frame EEE Fiber Module(DDM) Port Isolation Port Rate-limit Loopback Detection Port Mirroring Storm Control
VLAN	Access/Trunk/Hybrid VLAN Tunnel (Q-in-Q Tunnel) VLAN range 1-4094, maximum active VLAN is 4K Voice VLAN, MAC VLAN, Surveillance VLAN, Protocol VLAN, GVRP
MAC	Dynamic MAC address Static MAC address Filtering MAC Address
Reliability	STP/RSTP/MSTP, BPDU Filter, BPDU Guard, Edge Port, ERPS
Multicast	IGMP Snooping IGMP V1/V2/V3 Router Port Static IGMP group address IGMP groups filtering Querier MLD Snooping

	MVR
POE	PoE Temperature PoE Type/Level/Power/Voltage/Current query PoE Switch Configuration PoE Watchdog Configuration PoE power AF/AT adaptation PoE Schedule 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 IPv6 Static Routes
Maintenance	Console, HTTP/HTTPS, Telnet, SSH, SNMP Mnager IP(Static Address,DHCP Client,Support IPv4 and IPv6 address,Manager VLAN,DNS) SNMP(V1/V2C/V3,Community,V3 User,Group,Trap Host) Syslog
Security	AAA(RADIUS, TACACS+, 802.1X,Base on port/MAC/local/WEB)
QoS	Traffic classification based, Strict priority and WRR Port Priority 802.1P Priority IP TOS Priority IP DSCP Priority Support up to 8 queues per port Priority Remarking
Compliance	
NDAA Compliant	Support

Dimensions


164mm
51mm
51mm
107mm
DC 12-55V
DC 48-55V(POE)
PWR1
PWR2
PWR3
V1-
V1+
V2-
V2+
Max 2.5A
Console
164mm
107mm
51mm
107mm
164mm
51mm
Managed
Industrial PoE Switch
PWR
SYS

Unlimited New View

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