

## Amber600-8GE4GX-8PA 12-Port Managed PoE Industrial Ethernet Switch



### Description

The Amber600-8GE4GX-8PA is a high performance, managed Gigabit PoE switch with 8\*10/100/1000Base-T auto sensing Ethernet ports and 4\*1000M SFP ports. All 8 Ethernet ports support PoE/PoE+, each port offering maximum 30W power. The switch supports Ethernet Ring Protection Switching (ERPS) as well as STP/RSTP/MSTP. It also supports Web-based network management, VLAN, QoS, SNMP, IGMP snooping etc. Rugged design with IP40 enclosure and industrial level 3 protection makes it suitable for applications such as Intelligent Transportation Systems, IP surveillance and industrial networks.

### Advantages

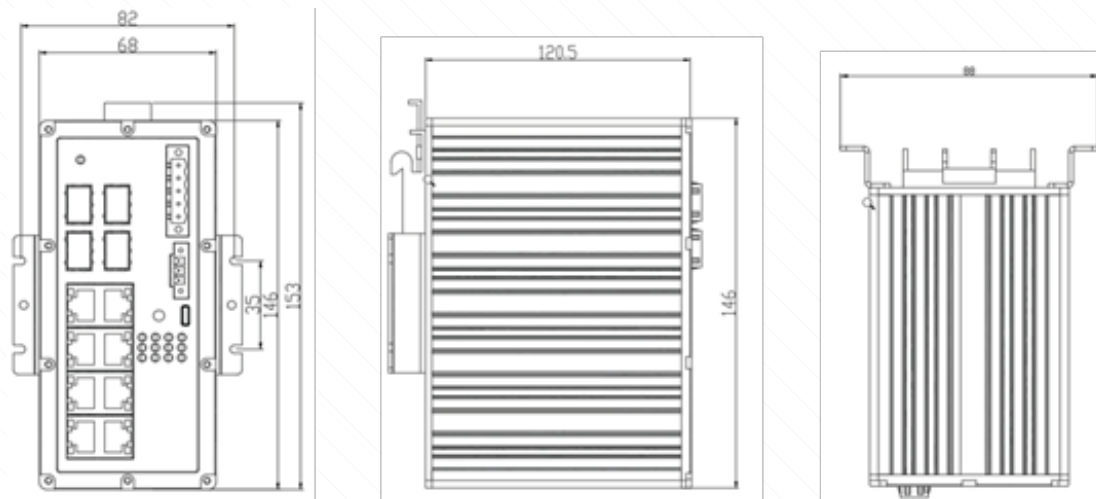
- -40~+75°C operating temperature
- 45~57VDC power input
- Support SNMPv1/v2c/v3
- 6KV Ethernet port surge protection
- Support ITU-T G.8032 Ethernet ring protection, restoration < 50ms
- Maximum 30W power on each PoE port
- DIN or wall mount
- Support Web、Telnet、Console、SSH
- Lock port function based on MAC address
- Support IGMP snooping and MLD snooping

### Specification

Item		Description
IEEE Standards	Standard	IEEE 802.3: 10Base-T
		IEEE 802.3u: 100Base-Tx and 100Base-Fx
		IEEE 802.3z 1000Base-X
		IEEE 802.3ab: 1000Base-Tx
		IEEE 802.3af/at
		IEEE 802.3x
		IEEE 802.3ad
		IEEE 802.1Q
		IEEE 802.1p
		IEEE 802.1D
		IEEE 802.1W
		IEEE 802.1s
		IEEE 802.1X
IEEE 802.1AB		
Ports	Ethernet	8*10/100/1000Base-T
	SFP	4*1000Base-FX SFP
	Console	Micro USB 2.0,115200bps,8,N,1
	Alarm	Relay output for fault event alarm
Switch Performance	Capacity	24Gbps
	Throughput	17.8Mpps
	Switch Delay	7μS
	Priority Queues	8
	VLAN	4096
	VLAN ID Range	1~4096
	MAC Table	8K
	Memory Buffer	4M

Item		Description
Protocols	Flow Control	802.1Q VLAN、GVRP、GMRP、MVR、IGMPv1/v2
	Redundancy	ERPS、STP、RSTP、MSTP
	Security Feature	Enable/disable ports; Port based network access control (802.1x); VLAN (802.1Q); MAC based port security; RADIUS centralized password management; SNMP V1/V2c/V3 encrypted authentication and access security; SSH
	Time Management	Syslog; NTP Server/Client
	QoS	802.1P
Device Management	LED Indicator	Power1、Power2、RUN、ALARM
	Management	IPv4/IPv6、SNMP V1/V2/V3、LLDP、RMON、DHCP、Server/Client、TFTP、HTTP、HTTPS、Telnet
Power	Power Input	Dual 45~57VDC input, 5-pin terminal
	Power Consumption	<10W; ≤30W on each PoE port
	Overload Current Protection	Support
	Reverse Polarity Protection	Support
Environment	Storage Temperature	-40~+85℃
	Operating Temperature	-40~+85℃
	Operating Humidity	5%~95% non-condensing
Mechanical	Enclosure	Metal

Dimensions





## Order Information

Order Information		
Name	Part Number	Description
6-Port Managed PoE Industrial Ethernet Switch	Amber600-4GE2GX-4 PA	Managed industrial Ethernet switch with 4*10/100/1000M PoE/PoE+ Ethernet ports, 2 gigabit SFP slots. 45~57VDC power input. SFP transceiver not included. Wall or DIN mount.
12-Port Managed PoE Industrial Ethernet Switch	Amber600-8GE4GX-8 PA	Managed industrial Ethernet switch with 8*10/100/1000M PoE/PoE+ Ethernet ports, 4 gigabit SFP slots. 45~57VDC power input. SFP transceiver not included. Wall or DIN mount.
Accessories		
Industrial Power Adapter	SPA12	12V/1A, -20~60°C
Industrial Power Adapter	SPA24	12V/2A, -20~60°C
Industrial Power Adapter	SPA60	48V/1.25A, -20~60°C
Industrial Power Adapter	SPA120	48V/2.5A, -20~60°C
1G SFP Transceiver	VDF-3232-ISL	SFP 1G, 2 fibers, 1310nm, 3.3V, 20km, LC, single-mode, DDM
1G SFP Transceiver	VDF-31352-ISL	SFP 1G, 1 fiber, 1310/1550nm, 3.3V, 20km, LC, single-mode, DDM
1G SFP Transceiver	VDF-31532-ISL	SFP 1G, 1 fiber, 1550/1310nm, 3.3V, 20km, LC, single-mode, DDM