IGPS-C3082GP

10-port gigabit managed POE Ethernet switch with 8x10/100/1000 Base-T(X) P.S.E. Ports and 2x100/1000/2500Base-X, SFP socket

Features

- Supports **O-Ring** (recovery time < 30ms over 250 units of connection), MSTP/RSTP/STP (IEEE 802.1s/w/D) for Ethernet Redundancy
- O-Chain allow multiple redundant network rings
- 8 port P.S.E. fully compliant with IEEE802.3at standard, provide up to 30 Watts per port
- Supports IPV6 new internet protocol version
- Support IEEE 802.3az Energy-Efficient Ethernet technology
- Provided HTTPS/SSH protocol to enhance network security
- Supports SSH/Https security function
- IGMP v2/v3 (IGMP snooping support) for filtering multicast traffic
- Supports SNMP v1/v2c/v3, RMON and 802.1Q VLAN Network Management
- Support ACL, TACACS+ and 802.1x User Authentication for security
- Multiple notification for warning of unexpected event
- Windows utility (Open-Vision) support centralized management and configurable by Web-based interface, Telnet and Console (CLI)
- Support LLDP Protocol





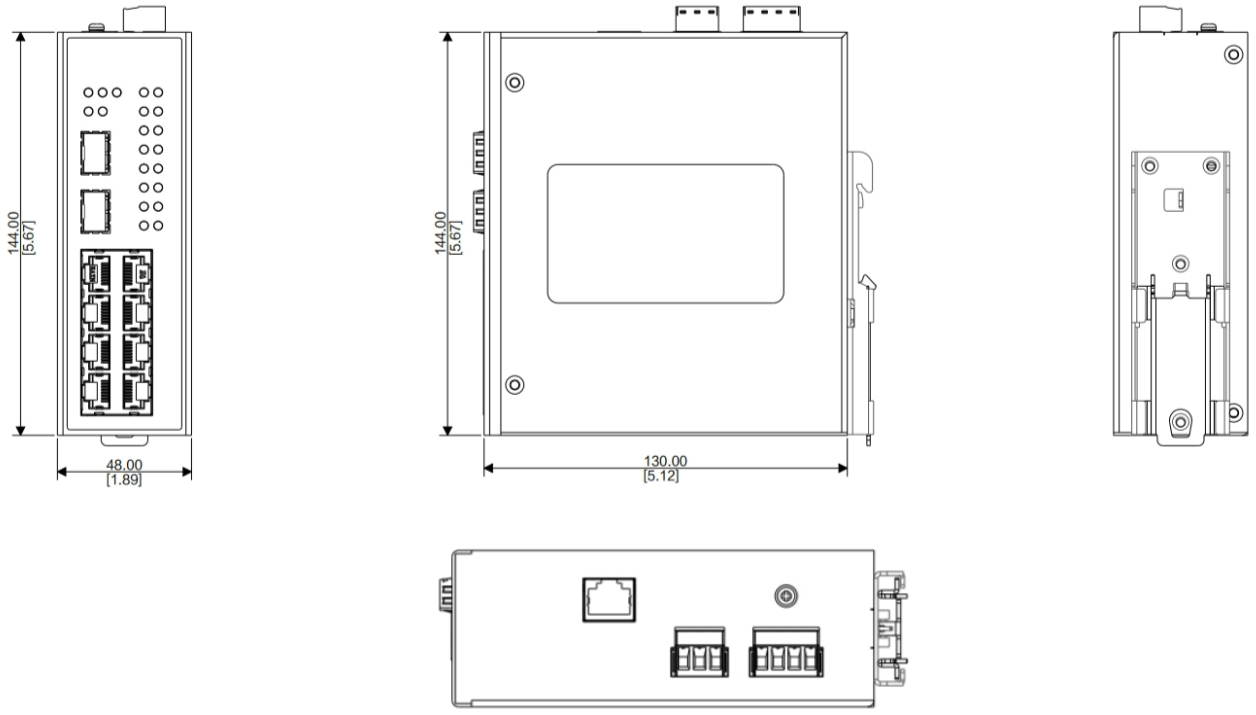
Introduction

IGPS-C3082GP is gigabit managed POE Ethernet switch with 8x10/100/1000 Base-T(X) P.S.E ports and 2x100/1000/2500Base-X, SFP socket which is specifically designed for the toughest. IGPS-C3082GP support Ethernet Redundancy protocol, O-Ring (recovery time < 30ms over 250 units of connection) and MSTP (RSTP/STP compatible) can protect your mission-critical applications from network interruptions or temporary malfunctions with its fast recovery technology. IGPS-C3082GP also support Power over Ethernet, a system to transmit electrical power up to 30 watts, along with data, to remote devices over standard twisted-pair cable in an Ethernet network. IGPS-C3082GP support wide operating temperature from -40℃ to 75℃ which can fulfill most of the requirement of operation environment. Therefore, the IGPS-C3082GP switch is one of the most reliable choices for highly-managed POE Ethernet application.

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Dimensions

Unit==mm



Specifications

ORing Switch Model	IGPS-C3082GP
Physical Ports	
10/100/1000Base-T(X) P.S.E Ports Auto MDI/MDIX	**8**
100/1000/2500Base-X, SFP socket	**2**
Technology	
Ethernet Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3ab for 1000Base-T IEEE 802.3z for 1000Base-X IEEE 802.3x for Flow control IEEE 802.3ad for LACP (Link Aggregation Control Protocol) IEEE 802.1D for STP (Spanning Tree Protocol) IEEE 802.1p for COS (Class of Service) IEEE 802.1Q for VLAN Tagging IEEE 802.1w for RSTP (Rapid Spanning Tree Protocol) IEEE 802.1s for MSTP (Multiple Spanning Tree Protocol) IEEE 802.1x for Authentication IEEE 802.1AB for LLDP (Link Layer Discovery Protocol)
MAC Table	8k
Priority Queues	8

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Processing	Store-and-Forward
Switch Properties	Switching latency: 7 us Switching bandwidth:20Gbps Max. Number of Available VLANs: 4095 IGMP multicast groups: 128 for each VLAN Port rate limiting: User Define
Jumbo frame	Up to 9.6K Bytes
Security Features	Device Binding security feature Enable/disable ports, MAC based port security Port based network access control (802.1x) VLAN (802.1Q) to segregate and secure network traffic Radius centralized password management SNMPv3 encrypted authentication and access security Https / SSH enhance network security
Software Features	O-Ring、STP/RSTP/MSTP (IEEE 802.1D/w/s) TOS/Diffserv supported Quality of Service (802.1p) for real-time traffic VLAN (802.1Q) with VLAN tagging IGMP Snooping Application-based QoS management DOS/DDOS auto prevention Port configuration, status, statistics, monitoring, security
Network Redundancy	O-Ring,0-Chain MRP MSTP (STP / RSTP compatible)
LED indicators	
Power Indicator (PWR)	Green: Power LED x2
Ring	Green : Indicates that the system operating in O-Ring mode Green Blinking : Indicates that the Ring is broken.
10/100/1000Base-T(X) RJ45 P.S.E Port Indicator	LED for Link/Act indicator: Green for port Link/Act
PoE Indicator	Green LED for PoE enabled indicator
100/1000/2500 Base-X SFP Port Indicator	Green for port Link/Act
Power	
Power Input	Dual 48-57VDC on 4-pin terminal block
Power Consumption (Typ.)	<15W watts (PoE output not included)
Total PoE budget	240 watts
Overload Current Protection	Present
Physical Characteristic	
Enclosure	IP-30
Dimension (W x D x H)	48 (W) x 130 (D) x 144 (H)mm
Weight (g)	<800 g
Environmental	
Storage Temperature	-40 to 85°C
Operating Temperature	-40 to 75°C
Operating Humidity	5% to 95% Non-condensing
Regulatory approvals	
EMI	FCC Part 15, CISPR (EN55032) class A
EMS	EN61000-4-2 (ESD) EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
Shock	IEC60068-2-27
Free Fall	IEC60068-2-31
Vibration	IEC60068-2-6
Safety	EN62368-1

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Warranty	5 years

Ordering Information

IGPS-C3ABC-DD

Code Definition	10/100/1000Base-T(X) P.S.E Port Number	Additional Port Number	Additional Port Type
Option	- 08: 8ports	- 2: 2 ports	- GP:100/1000/2500Base-X ,SFP port

	Model Name	Description
Available Model	IGPS-C3082GP	Industrial 10-port managed Gigabit POE Ethernet switch with 8x10/100/1000Base-T(X) P.S.E ports and 2x100/1000/2500Base-X SFP socket

Packing List

- IGPS-C3082GP x 1
- Quick Installation Guide x 1
- Console x 1

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