

IMP-G0602-T

MANAGED INDUSTRIAL GIGABIT ETHERNET PoE+ SWITCH

Port Configuration

- 4*100/1000Base-T
- 2*1000Base-X SFP
- Support 4 ports IEEE802.3at/af 30Watt PoE+ with power management

Operating Temperature

- -40~75°C (IMP-G0602-T)

Key Features

- Dual power inputs for power service high reliability
- Dual SFP ports for high fast ring protection.
- Intelligent PoE features for powered device (PoE Scheduling, PoE Alive Heartbeat).
- IGMP Snooping for IP multicast traffic control.
- 802.1p, storm control and rate limitation to optimize traffic flow.
- Hardware diagnostic (power alarm) to monitor the status and response event by E-mail, SNMP.
- High protection up to level 3 in IEC/EN61000-4-2,3,4,5,6,8.



IMP-G0602-T – the industrial design with full PoE+ Gigabit Ethernet ports, perfect for small/middle size surveillance network.

IMP-G0602-T is a Layer2 managed industrial switch that is designed for industrial environments. The IMP-G0602-T managed Ethernet switches comes standard with four 100/1000Base-T 802.3at (PoE+) and 802.3af (PoE) Ethernet ports; two 1000Base-X SFP ports support for cascade and ring installation. IMP-G0602-T with compact size can install in small space.

The switch built-in dual redundant power inputs ensures the reliability and maximize system up time. The switch with intelligent PoE features can utilize power more efficiently such as power management per port, monitor the IP cameras status to recovery automatically and so on. The proprietary Omega ring protection can have lower than 20ms fast recovery. These advantages can improve the stability in IP surveillance and gate of entry systems.

The complete QoS functions including IGMP snooping, 802.1p QoS, traffic storm control and rate limitation can optimize the traffic flow.

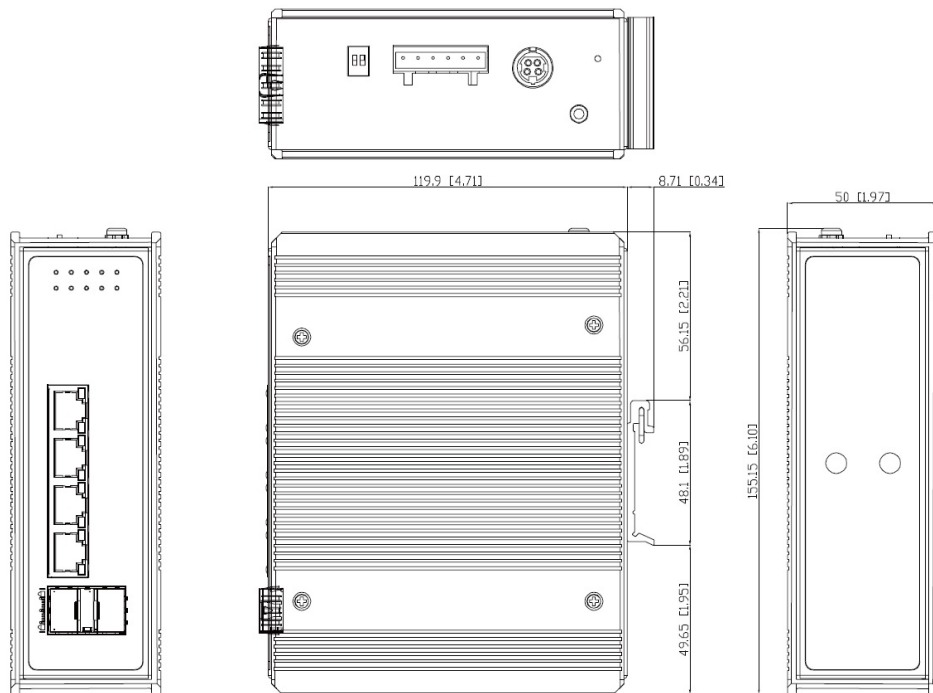
Hardware Specifications

Port Configuration	4*100/1000Base-T 2*1000Base-X SFP	Operating Temperature	IMP-G0602-T: -40°C~75°C
PoE Ports	Support 4 port IEEE802.3at/af 30Watt PoE+	Operating Humidity	10 to 95% RH (non-condensing)
PoE power consumption	Max. 120 Watt for PoE+ Max. 10Watt for system	Storage Temperature	-40°C~85°C
Standard	IEEE 802.3 IEEE 802.3U IEEE 802.3ab IEEE 802.3z IEEE 802.1Q IEEE 802.3x IEEE 802.1p IEEE 802.3az IEEE 802.3af IEEE 802.3at	Storage Humidity	5 to 95% RH (non-condensing)
Switch Capacity	12Gbps	DIP Switch	Alarm Setting (Power)
Jumbo Frame	10KB	Housing Protection	IP30, Metal
MAC address	8K	Mounting	DIN-Rail
Reverse Polarity Protection	Supported	Dimensions (WxHxD mm)	50x150x120
Over current protection	Supported	Weight	529g
Power Input voltage	48~57V DC	EMI	FCC part 15 Class A EN55022 Class A
Dual power inputs	Supported	EMS	EN55024 EN61000-4-2(ESD) Level 3 EN61000-4-3(RS) Level 3 EN61000-4-4(EFT) Level 3 EN61000-4-5(Surge) Level 3 EN61000-4-6(CS) Level 3 EN61000-4-8(PFMF) Level 3
		Shock	IEC 60068-2-27
		Freefall	IEC 60068-2-32
		Vibration	IEC 60068-2-6
		EEE(Energy Efficient Ethernet)	Supported

Software Specifications

VLAN ID	4K	Port Mirroring	Supported
VLAN group number	256	Omega-Ring	Supported (Recovery time<20ms)
VLAN group	IEEE 802.1Q VLAN Port Based VLAN MAC Based VLAN GVRP Supported	Management Interface	CLI, Web, Telnet
Queue number	8 Hardware Queues	SNMP	v1, v2c
Traffic QoS	IEEE 802.1p SP/WRR/WFQ IP DSCP	RMON	RMON(1,2,3,9)
Bandwidth Control	Ingress Egress	MIB II	RFC 1213
Strom Control	DLF, Broadcast, Multicast	DHCP	Client
IP Multicast	IGMP Snooping v1/v2/v3 Support immediate leave	Event Syslog	syslog server
		Warning message	syslog, e-mail
		NTP/SNTP	SNTP
		Software Upgrade	HTTP/FTP/TFTP
		Configuration Upgrade	HTTP
		LLDP(Link layer Discovery protocol)	LLDP

Dimension



Ordering Information

Part Number	Description
IMP-G0602-T	4*100/1000Base-T with PoE+ + 2*1000Base-X SFP (-40°C~75°C)