

Industrial Gigabit Fiber Converter (ITT-1GE1GF-I-TY-DC) P/N: ITT-SW 4197

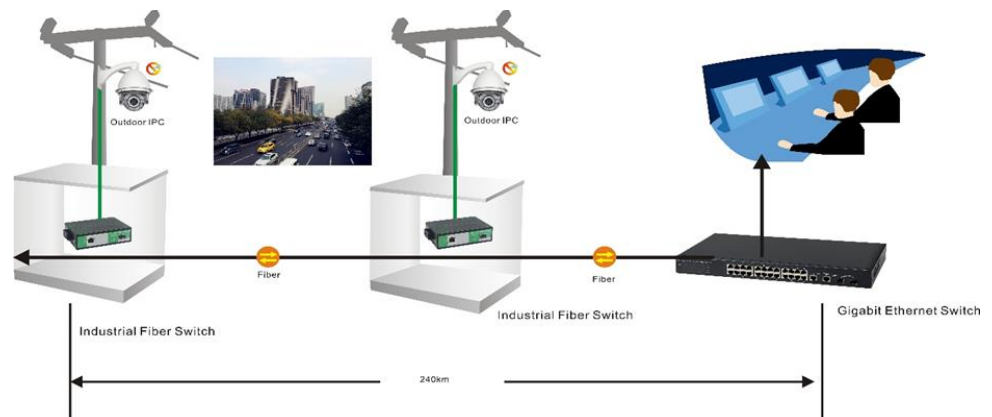


- 1*10/100/1000Base-T (RJ45) + 1*1000Base-X (SFP)
- Port rate limiting with 8Kbps step
- IEEE802.1w RSTP
- DIN rail and wall-mount design
- Supports 6000 VDC Ethernet ESD protection
- Reductant power supply
- Level 3 EMC protection
- IP30 metal case
- Supports EFT protection for 6000 VDC for power line
- Working Temperature : -40°C~+75°

ITT-1GE1GF-I-TY-DC is an Industrial Gigabit Media Converter providing non-blocking wire-speed performance and great flexibility for Gigabit Ethernet extension in harsh industrial environment. It is equipped with one 10/100/1000BASE-T RJ45 copper and one 100/1000BASE-X SFP fiber optic interface delivered in an IP30 rugged strong case with redundant power system.

The ITT-1GE1GF-I-TY-DC is well suited for applications in deploying surveillance system, and securing control and wireless service in climatically demanding environments with wide temperature range from -40 to 75 degrees C. With 9K jumbo frame feature support, the IGT-805AT can handle extremely large amounts of data transmission in a secure topology linking to a backbone or high-power servers.

ITT-1GE1GF-I-TY-DC Industrial Gigabit Media Converter offers full port Gigabit speed. It provides very high reliability and security features to make sure the continuous operation in harsh environments such as transportations, factories, outdoors and places where extremely low or high temperatures can be experienced. Moreover, the ITT-1GE1GF-I-TY-DC is also compatible with 1000Mbps SFP transceivers to provide a strong, stable and long-distance connection and flexible industrial networking deployment with Max 120KM fiber distance at lower price.



SERVICES:
Guaranteed Warranty



Network Standard:	<ul style="list-style-type: none"> ➤ IEEE 802.3 10Base-T ➤ IEEE 802.3u 100Base-T ➤ IEEE 802.3ab 1000Base-T ➤ IEEE 802.3z 1000Base-X ➤ IEEE 802.3x full-duplex flow control
Switch Technical:	<ul style="list-style-type: none"> ➤ Backplane Bandwidth: 4Gbps ➤ MAC table: 4K ➤ Packet forwarding rate: 2.97Mpps ➤ Maximum Transmission Unit: 9216 Bytes ➤ Optical port: 1 1000Base-X (SFP) ➤ Ethernet port: 1 10/100/1000Base-T (RJ45, POE optional) ➤ Connector: Removable 6-pin terminal block ➤ Pin 1/2 for Power 1, Pin 3/4 for fault alarm, Pin 5/6 for Power 2 ➤ ESD protection: 6KV ➤ EFT Protection: 6KV
LED Indicators:	<ul style="list-style-type: none"> ➤ Power: PWR ➤ Ethernet port: RJ45(Link & ACT), Fiber (Link & ACT)
Management:	<ul style="list-style-type: none"> ➤ Management mode: WEB, SNMP ➤ Configuration management: backup and restore ➤ User management: password modification ➤ Upgrade management: via WEB ➤ Maintenance DDM, port traffic statistics, dying gasp
Machinery Standard:	<ul style="list-style-type: none"> ➤ IEC60068-2-6 (Vibration) ➤ IEC60068-2-27 (Shock) ➤ IEC60068-2-32 (Free Fall)
EMC standard:	<p>EMI:</p> <ul style="list-style-type: none"> ➤ FCC CFR47 Part 15, EN55022/CISPR22, Class A <p>EMS:</p> <ul style="list-style-type: none"> ➤ IEC61000-4-2 (ESD): level 4 ➤ IEC61000-4-3 (RS): level 3 ➤ IEC61000-4-4 (EFT): level 4 ➤ IEC61000-4-5 (Surge): level 4 ➤ IEC61000-4-6 (CS): level 3 ➤ IEC61000-4-16 (Common mode conduction): level 3
Certifications:	<ul style="list-style-type: none"> ➤ CE, FCC, RoHS

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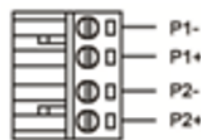


Physical:	<ul style="list-style-type: none"> ➤ Housing: Metal, fanless ➤ Protection class: IP30 metal case ➤ Dimensions: 135mm x 87mm x 32mm(W×H×D) ➤ Weight: 0.45kg ➤ Mounting: DIN-Rail
Power:	<ul style="list-style-type: none"> ➤ Connector: 6-pin 3.81mm-spacing plug-in terminal block ➤ Voltage range: 12-36V DC (non-POE type) ➤ 48-55V DC (POE type) ➤ Power consumption: < 4W ➤ Protection: overload, Reverse polarity Connection, redundant
MTBF:	<ul style="list-style-type: none"> ➤ 360,000 hrs
Environment:	<ul style="list-style-type: none"> ➤ Operating Temperature: -40 to 75°C ➤ Storage Temperature: -45 to 85°C ➤ Ambient Relative Humidity: 5 to 95% (non-condensing)

Ordering Information:

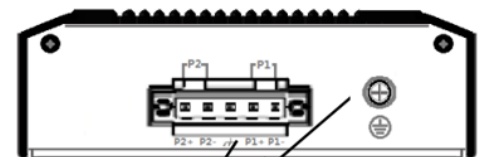
Model	ITT-1GE1GF-I-TY-DC
Functional Description	1*10/100/1000Base-T (RJ45) + 1*1000Base-X (SFP, not include SFP module) unmanaged Industrial SFP Converter , Din-Rail, 12-36VDC power input, dual power supply

Power input:



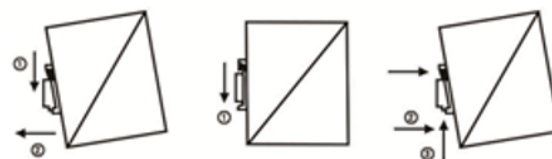
- 5pin 3.81mm-spacing plug-in terminal
- P1&P2 dual redundant power input

Earthing:



either grounding terminal or screw

Din-Rail



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