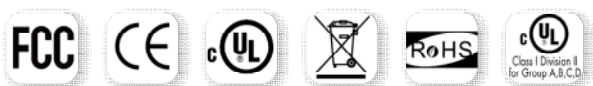


IPGS-0204G

4 10/100/1000T + 2 Giga SFP Industrial Switch
w/4 PoE 802.3at Injectors

- Complies with IEEE 802.3at PoE Standard
- Redundant Power Design
- UL Class I Division II for Group A,B,C and D hazardous location
- Wide operating temperature range from -40°C to 75°C



OVERVIEW

The Lantech IPGS-0204G is a 4 10/100/1000T + 2 1000 Mini-GBIC with 4 IEEE 802.3at High Power PoE Industrial Switch.

The IPGS-0204G is a cost-effective solution, which meets the high reliability requirements demanded by industrial applications. Besides, the equipment meets IEEE 802.3at standard, the switch can provides 30 Watts output per PoE port for Powered Devices. The switch supports wide operating temperature, range from -40°C to 75°C.

The Lantech IPGS-0204G is designed to meet the demands of

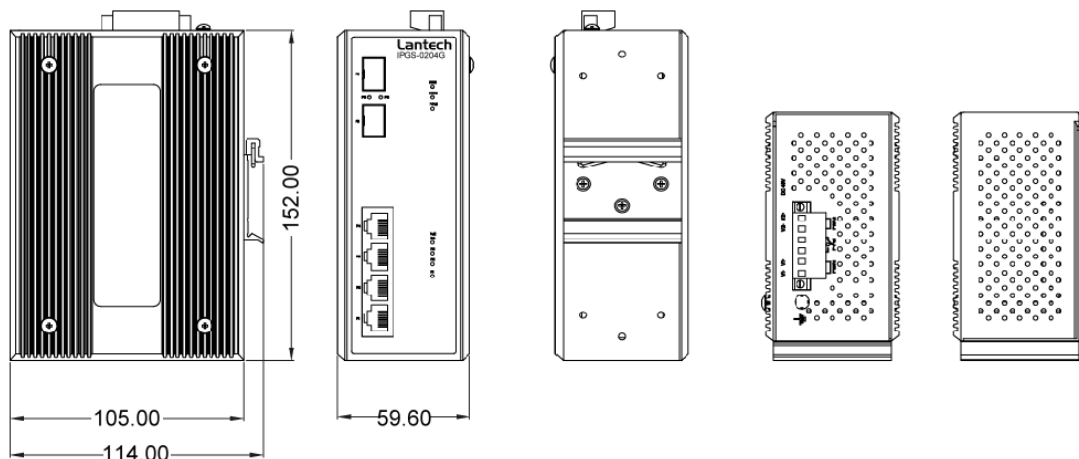
Industrial environments, comes packaged in a robust IP30 housing and has been tested extensively to meet Industrial EMI and EMC standards. Rigorous mechanical testing has also been undertaken to comply with free fall, shock and vibration stability test requirements.

With UL Class I Division II approval, the IPGS-0204G can be implemented in hazardous or explosive condition without accelerating the potential damage. The ESD, surge, and power polarity reverse protections, making IPGS-0204G work well without interruption.

FEATURES & BENEFITS

- RJ-45 port support Auto MDI/MDI-X Function
- Embedded 4-port PoE 802.3at inject function
- Store-and-Forward Switching Architecture
- Back-plane (Switching Fabric): 12Gbps
- Supports wide operating temperature (-40°C~75°C)
- Redundant power with polarity reverse protection
- IP-30 protection with DIN Rail and Wall Mount design
- Relay output for port breakdown, power fail and alarm

DIMENSIONS (unit=mm)



SPECIFICATION

Hardware Specification			
Switch Architecture	Back-plane (Switching Fabric): 12Gbps	Power Consumption	reverse protect function
	Packet throughput ability (Full-Duplex): 17.85 Mpps @64bytes		129.9W (Full load)
Transfer Rate	14,880pps for Ethernet port	Operating Humidity	5% to 95% (Non-condensing)
	148,800pps for Fast Ethernet port		Operating Temperature
	1,488,000pps for Gigabit Ethernet port	Storage Temperature	
Packet Buffer	1Mbits		Case Dimension
Mac Address	8K MAC address table	Installation	Wall mounting design
Connector	10/100/1000T: 4 x RJ-45 Mini-GBIC: 2 x 1000 SFP Sockets	EMI	FCC Class A, CE EN61000-4-2 (ESD), CE EN61000-4-3 (RS), CE EN-61000-4-4 (EFT), CE EN61000-4-5 (Surge), CE EN61000-4-6 (CS), CE EN61000-4-8, CE EN61000-6-2, CE EN61000-6-4
Optical Cable	Depends on Transceiver		
Protocol	CSMA/CD	Stability Testing	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
PoE pin assignment	RJ-45 port # 1-# 4 support IEEE 802.3at End-point, Alternative A mode. Per port provides 30W at 55V ability. Positive (VCC+): RJ-45 pin 1,2. Negative (VCC-): RJ-45 pin 3,6.	Warranty	5 years
LED	Per unit: Power 1 (Green), Power 2 (Green), P-Fail (Red) Ethernet: Link/Activity (Green) / Speed (Green), Mini-GBIC: Link/Activity (Green), PoE (Green)		
Power Supply	DC V48(48V~57V), Redundant power with polarity		

ORDERING INFORMATION

- **IPGS-0204G.....P/N: 8350-960**
4 10/100/1000T + 2 Giga SFP Industrial Switch w/4 PoE 802.3at Injectors

OPTIONAL ACCESSORIES

DIN Rail Power

- **AD1240-48S** 48VDC, 5A, Wide AC Input, Build-in fan Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C
- **AD1120-48F** 48VDC, 2.5A, Wide AC Input, Build-in fan Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C

Mini GBIC (SFP)

- | | |
|--|--|
| ■ 8330-162 MINI GBIC 1000SX (LC/0.5km) Transceiver | ■ 8330-189 LTSFP-1000BX-10KM Transceiver (WDM 1550) |
| ■ 8330-163 MINI GBIC 1000SX2 (LC/2km) Transceiver | ■ 8330-186 LTSFP-1000BX-20KM Transceiver (WDM 1310) |
| ■ 8330-165 MINI GBIC 1000LX (LC/10km) Transceiver | ■ 8330-187 LTSFP-1000BX-20KM Transceiver (WDM 1550) |
| ■ 8340-0591 MINI GBIC 1000LHX (LC/40km) Transceiver | ■ 8330-180 LTSFP-1000BX-40KM Transceiver (WDM 1310) |
| ■ 8330-166 MINI GBIC 1000XD (LC/50km) Transceiver | ■ 8330-182 LTSFP-1000BX-40KM Transceiver (WDM 1550) |
| ■ 8330-169 MINI GBIC 1000XD (LC/60km) Transceiver | ■ 8330-181 LTSFP-1000BX-60KM Transceiver (WDM 1310) |
| ■ 8330-167 MINI GBIC 1000ZX (LC/80km) Transceiver | ■ 8330-183 LTSFP-1000BX-60KM Transceiver (WDM 1550) |
| ■ 8330-170 MINI GBIC 1000EZ (120km) Transceiver | ■ 8330-184 LTSFP-1000BX-80KM Transceiver (WDM 1490) |
| ■ 8330-168 MINI GBIC 1000T (100m) Transceiver | ■ 8330-185 LTSFP-1000BX-80KM Transceiver (WDM 1550) |
| ■ 8330-188 LTSFP-1000BX-10KM Transceiver (WDM 1310) | |

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