

# IGS-022DSFP

## 1 100M/1000M SFP + 1 1000M SFP Industrial Ethernet Switch Converter

- 12V to 48V dual input
- Relay contact to connect with alarm system
- DIP switch for Speed selection of Port 1
- Fault LED to display status of Dual power input
- Wide operating temperature range from -40°C to 75°C



### OVERVIEW

The Lantech IGS-022DSFP is a 1 100M/1000M SFP + 1 1000M SFP Industrial Ethernet Switch Converter with LLF function. This slim Converter is wall-mountable\*\* or DIN rail mountable, making installation easier and flexible.

The Lantech IGS-022DSFP is designed to meet the demands of Industrial environments, comes packaged in a robust IP30

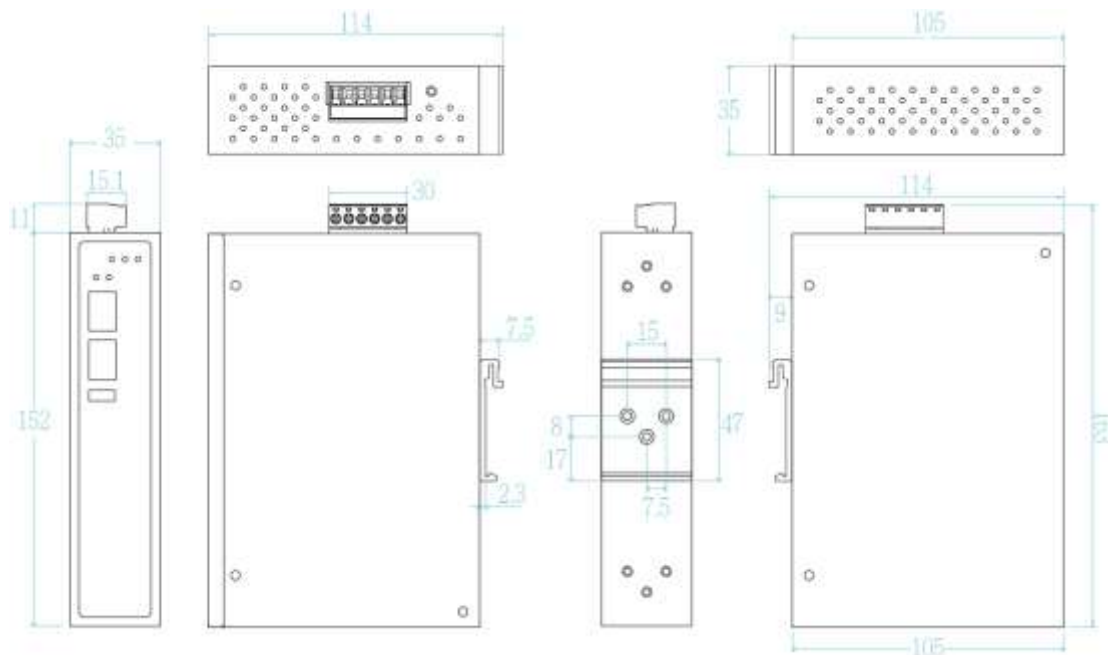
housing and has been tested extensively to meet Industrial EMI and EMC standards. Rigorous mechanical testing has also been undertaken to comply with free fall, shock and vibration stability test requirements.

The switch converter supports wide operating temperature, range from -40°C to 75°C.

### FEATURES & BENEFITS

- DIP switch to adjust SFP 100M or 1000M speed on first SFP port
- Built in Link Loss Forwarding Technology
- 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 power fail and alarm

### DIMENSIONS (unit=mm)



**SPECIFICATION**

Hardware Specification		Storage Temperature	-40°C ~ 85°C
Transfer Rate	148,800pps for 100M speed SFP 1,488,000pps for Gigabit speed SFP	Case Dimension	IP30, 35mm (W) x 152mm (H) x 105mm (D)
Link Loss Forward	Ensures high availability by disabling both bridged interfaces if one interface fails	Installation	DIN rail or Wall mounting design
Connector	Mini-GBIC: 1 x 100M/1000M Dual Speed SFP Socket (adjust by DIP switch) 1 x 1000M SFP Socket	EMC/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 EN55032 Class A, CE EN55024
DIP Switch	SFP Speed 1000M or 100M	Safety	EN 60950-1
LED	Per unit: Power 1 (Green), Power 2 (Green), Fault (Red) SFP port: LNK/ACT(Green)	MTBF	1,890,546 hrs (IEC 62830 standards)
Power Supply	Dual DC 9.5V~56V	Warranty	5 years
Operating Humidity	5% to 95% (Non-condensing)		
Operating Temperature	-40°C ~ 75°C		

**ORDERING INFORMATION**

- **IGS-022DSFP.....P/N: 8350-9651**  
1 100M/1000M SFP + 1 1000M SFP Industrial Ethernet Switch Converter w/ LLF; 9.5~56V;-40~75C

**OPTIONAL ACCESSORIES**

**DIN Rail Power**

- **MDR-40 Series** 40W Single Output Industrial Din Rail Power; 85-264VAC / 120-370VDC Input Range; Cooling by free air convection; RoHS2 ; Operating Temp. -20°C~70°C (ambient, derating each output at 4% per degree from 60°C ~ 70°C)
- **MDR-20 Series** 20W Single Output Industrial Din Rail Power; 85-264VAC / 120-370VDC Input Range; Cooling by free air convection; RoHS2 ; Operating Temp. -20°C~70°C (ambient, derating each output at 2.5% per degree from 50°C ~ 70°C)

**Mini GBIC (SFP)**

- **8330-162D-V1** MINI GBIC 1000SX (LC/MM/0.5KM) Transceiver
- **8330-163D-V1** MINI GBIC 1000SX2 (LC/MM/2KM) Transceiver
- **8330-165D-V1** MINI GBIC 1000LX (LC/SM/10KM) Transceiver
- **8340-0591D-V1** MINI GBIC 1000LHX (LC/SM/40KM) Transceiver

■ <b>8330-166D-V1</b>	MINI GBIC 1000XD (LC/SM/50KM) Transceiver	1310)	
■ <b>8330-169D-V1</b>	MINI GBIC 1000XD (LC/SM/60KM) Transceiver		
■ <b>8330-167D-V1</b>	MINI GBIC 1000ZX (LC/SM/80KM) Transceiver	■ <b>8330-198D-V1</b>	1.25Gbps BiDi SFP 0.5KM Transceiver (WDM 1550)
■ <b>8330-170D-V1</b>	MINI GBIC 1000EZ (LC/SM/120KM) Transceiver	■ <b>8330-195D-V1</b>	1.25Gbps BiDi SFP 2KM Transceiver (WDM 1310)
■ <b>8330-168-V1</b>	MINI GBIC 10/100/1000T (100m) Transceiver	■ <b>8330-196D-V1</b>	1.25Gbps BiDi SFP 2KM Transceiver (WDM 1550)
■ <b>8330-060D-V1</b>	MINI GBIC 100Base (LC/MM/2KM) Transceiver	■ <b>8330-188D-V1</b>	1.25Gbps BiDi SFP 10KM Transceiver (WDM 1310)
■ <b>8330-065D-V1</b>	MINI GBIC 100Base (LC/MM/5KM) Transceiver	■ <b>8330-189D-V1</b>	1.25Gbps BiDi SFP 10KM Transceiver (WDM 1550)
■ <b>8330-061D-V1</b>	MINI GBIC 100Base (LC/SM/30KM) Transceiver	■ <b>8330-186D-V1</b>	1.25Gbps BiDi SFP 20KM Transceiver (WDM 1310)
■ <b>8330-197D-V1</b>	1.25Gbps BiDi SFP 0.5KM Transceiver (WDM		

**Lantech Communications Global Inc.**

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