

# IGS-0204DSFP

## 4 10/100/1000T + 2 Dual Speed SFP Industrial Switch

- 12V to 48V dual input
- Relay contact to connect with alarm system
- Wide operating temperature range from -40°C to 75°C



### OVERVIEW

The Lantech IGS-0204DSFP is a 4 10/100/1000T + 2 Dual Speed SFP Industrial Switch. This slim switch is wall-mountable\*\* or DIN rail mountable, making installation easier and flexible.

The Lantech IGS-0204DSFP is designed to meet the demands of Industrial environments, comes packaged in a robust IP30

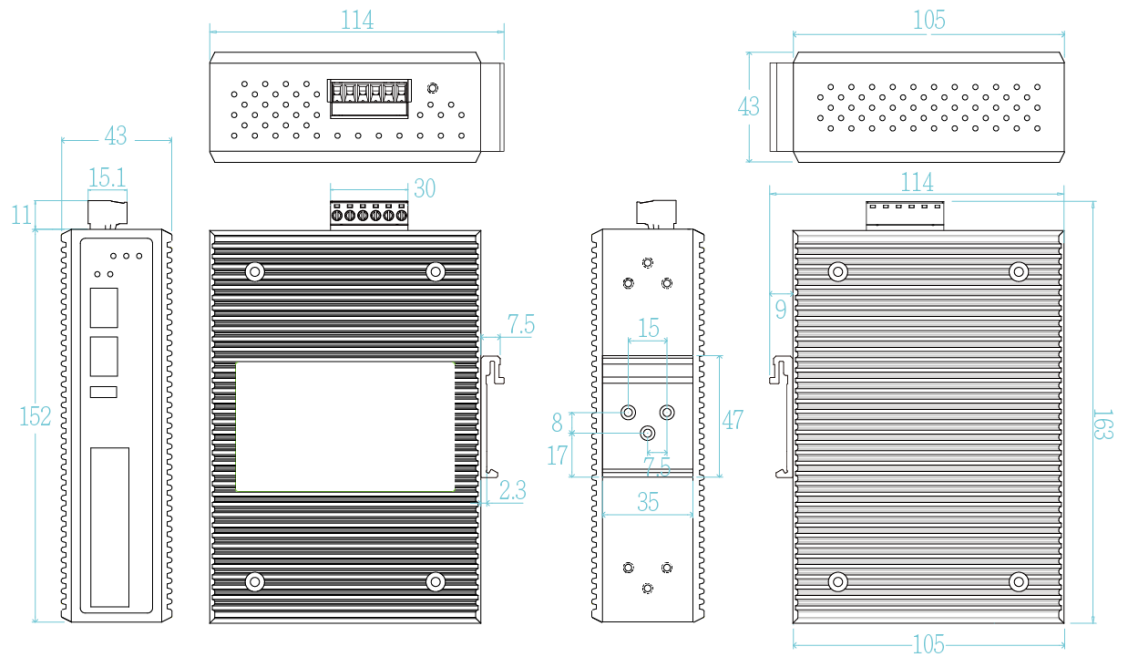
housing and has been tested extensively to meet Industrial EMI and EMC standards. Rigorous mechanical testing has also been undertaken to comply with free fall, shock and vibration stability test requirements.

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

### FEATURES & BENEFITS

- DIP switch to adjust SFP 100M or 1000M speed
- 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 power fail and alarm

### DIMENSIONS (unit=mm)



## SPECIFICATION

Hardware Specification		Humidity	
Switch Architecture	Back-plane (Switching Fabric): 12Gbps	Operating Temperature	-40°C ~ 75°C
Transfer Rate	14,880pps for Ethernet port 148,800pps for Fast Ethernet port 1,488,000pps for Gigabit Ethernet port	Storage Temperature	-40°C ~ 85°C
Packet Buffer	1Mbits	Case Dimension	IP30, 43mm (W) x 152mm (H) x 105mm (D)
Mac Address	8K MAC address table	Installation	DIN rail or Wall mounting design
Connector	10/100/1000T: 4 x RJ-45 Mini-GBIC: 2 x 100/1000 Dual Speed SFP Sockets	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	Stability Testing	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
Protocol	CSMA/CD	MTBF	1,890,546 hrs
LED	Per unit: Power 1 (Green), Power 2 (Green), Fault (Red) <b>4 port 10/100/1000T:</b> Link/Activity (Green), Full duplex/Collision (Yellow) <b>SFP port:</b> LNK/ACT(Green)	Warranty	5 years
Power Supply	Dual DC 9.5V~56V		
Operating	5% to 95% (Non-condensing)		

## ORDERING INFORMATION

- **IGS-0204DSFP.....P/N: 8350-965**  
4 10/100/1000T + 2 Dual Speed SFP Industrial Switch; 9.5~56VDC input

## 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)

- |   |  |
|---|--|
| ■ <b>8330-162X</b> MINI GBIC 1000SX (LC/MM/0.5KM) Transceiver | ■ <b>8330-065</b> MINI GBIC 100Base (LC/MM/5KM) Transceiver      |
| ■ <b>8330-163X</b> MINI GBIC 1000SX2 (LC/MM/2KM) Transceiver  | ■ <b>8330-061</b> MINI GBIC 100Base (LC/SM/30KM) Transceiver     |
| ■ <b>8330-165X</b> MINI GBIC 1000LX (LC/SM/10KM) Transceiver  | ■ <b>8330-197</b> 1.25Gbps BiDi SFP 0.5KM Transceiver (WDM 1310) |
| ■ <b>8340-0591</b> MINI GBIC 1000LHX (LC/SM/40KM) Transceiver | ■ <b>8330-198</b> 1.25Gbps BiDi SFP 0.5KM Transceiver (WDM 1550) |
| ■ <b>8330-166</b> MINI GBIC 1000XD (LC/SM/50KM) Transceiver   | ■ <b>8330-195</b> 1.25Gbps BiDi SFP 2KM Transceiver (WDM 1310)   |
| ■ <b>8330-169</b> MINI GBIC 1000XD (LC/SM/60KM) Transceiver   | ■ <b>8330-196</b> 1.25Gbps BiDi SFP 2KM Transceiver (WDM 1550)   |
| ■ <b>8330-167</b> MINI GBIC 1000ZX (LC/SM/80KM) Transceiver   | ■ <b>8330-188</b> 1.25Gbps BiDi SFP 10KM Transceiver (WDM 1310)  |
| ■ <b>8330-170</b> MINI GBIC 1000EZ (LC/SM/120KM) Transceiver  | ■ <b>8330-189</b> 1.25Gbps BiDi SFP 10KM Transceiver (WDM 1550)  |
| ■ <b>8330-168</b> MINI GBIC 10/100/1000T (100m) Transceiver   | ■ <b>8330-186</b> 1.25Gbps BiDi SFP 20KM Transceiver (WDM 1310)  |
| ■ <b>8330-060</b> MINI GBIC 100Base (LC/MM/2KM) Transceiver   |  |

### Lantech Communications Global Inc.

www.lantechcom.tw  
info@lantechcom.tw

© 2015 Copyright Lantech Communications Global Inc. all rights reserved.  
The revise authority rights of product specifications belong to Lantech Communications Global Inc.  
Lantech may make changes to specification and product descriptions at anytime, without notice.