

# 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

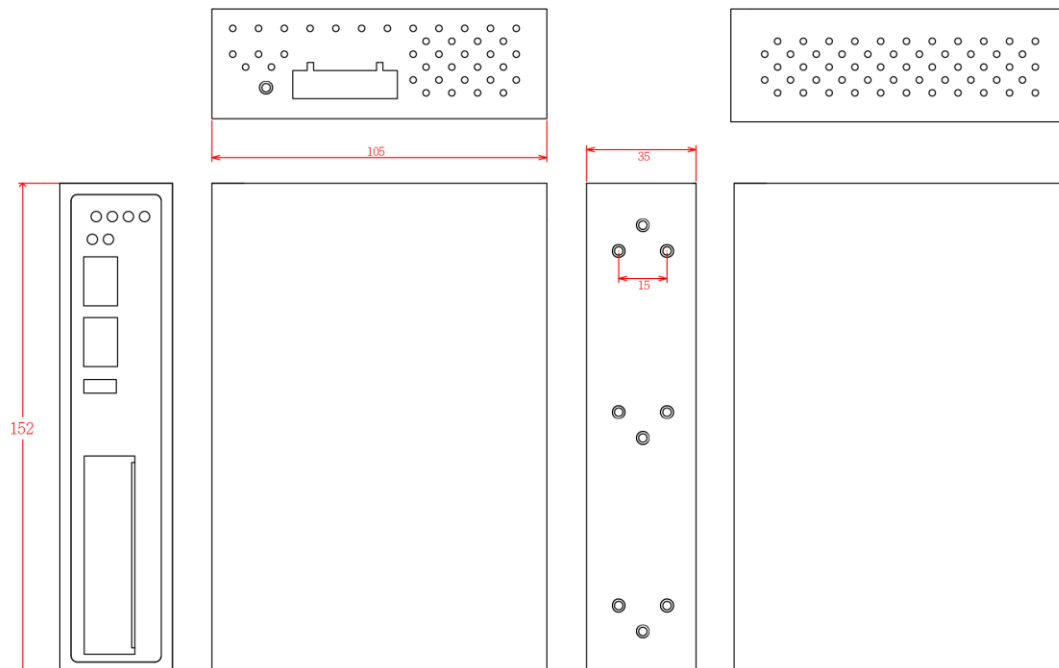
housing and has been tested extensively to meet Industrial EMI and EMC standards. Rigorous mechanical testing has also been undertaken to comply with free fall, shock and vibration stability test requirements.

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	
<b>Switch Architecture</b>	Back-plane (Switching Fabric): 12Gbps Packet throughput ability (Full-Duplex): 17.85 Mpps @64bytes	<b>Operating Temperature</b>	-40°C ~ 75°C
<b>Transfer Rate</b>	14,880pps for Ethernet port 148,800pps for Fast Ethernet port 1,488,000pps for Gigabit Ethernet port	<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Packet Buffer</b>	1Mbits	<b>Case Dimension</b>	IP30, 35mm (W) x 152mm (H) x 105mm (D)
<b>Mac Address</b>	8K MAC address table	<b>Installation</b>	DIN rail or Wall mounting design
<b>Connector</b>	10/100/1000T: 4 x RJ-45 Mini-GBIC: 2 x 100/1000 Dual Speed SFP Sockets	<b>EMC/EMI</b>	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
<b>DIP Switch</b>	SFP Speed 1000M or 100M	<b>Stability Testing</b>	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
<b>Protocol</b>	CSMA/CD	<b>MTBF</b>	NA
<b>LED</b>	<b>Per unit:</b> 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)	<b>Warranty</b>	5 years
<b>Power Supply</b>	Dual DC 9.5V~56V		
<b>Operating</b>	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

- **AD1048-24FS** 24VDC, 2A, Wide AC Input, Convection Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C (ambient, derating each output at 2.5% per degree from 50°C ~ 75°C, which means the output is 18 Watts at 75°C.)
- **AD1024-24F** 24VDC, 1A, Wide AC Input, Convection Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C (ambient, derating each output at 2.5% per degree from 50°C ~ 75°C, which means the output is 9 Watts at 75°C.)
- **AD1240-48S** 48VDC, 5A, Wide AC Input, Build-in fan Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C (ambient, derating each output at 2.5% per degree from 50°C ~ 70°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 (ambient, derating each output at 2.5% per degree from 50°C ~ 70°C)

### Mini GBIC (SFP)

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

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