SYN-2151 10/100/1000BaseT Ethernet Media Converter

IP communications and camera systems for sectors such as onshore Oil & Gas sites, safe cities and transportation

Suitable for any network utilising a mix of copper and fiber, industrial IP communications, and Gigabit backbone networks.

Features

- Complies with IEEE802.3i/802.3u/802.3ab 10/100/1000Base-T, IEEE802.3z 1000Base-Lx/Sx standards

- Supports network traffic of 100Mbps or 1000Mbps

- Has one fixed 10/100/1000BaseT copper port and one SFP port which can be 10/100/1000BaseT, 100Base- Fx or 1000BaseLx/Sx

- Automatic TP setup: no need for crossover cables

- Can be used with either single-mode or multimode fiber over a variety of link budgets

- Available for operation over 1 or 2 fibers

- Powered by non-critical 12VDC supplies

- Operates over the temperature range of -20 ℃ to 75℃

- Advanced features like Link Loss Forwarding to detect the link status of link partners either on the fiber and/or copper port

- SFP module sold separately

SYNECTICS

Specifications

ENVIRONMENTAL	
Operating Temperature Range	-20°C to +75°C
Relative Humidity	0 to 95% non-condensing

MECHANICAL	
Card Dimensions (W x D x H)	25 mm x 169 mm x 100 mm
Module Dimensions (W x D x H)	60 mm x 94 mm x 26 mm
Card Weight	0.2 kg
Module Weight	0.3 kg
Chassis Current Consumption (CCC)	0.25 Amp for SYN-2151 0.50 Amp for SYN-2151R2

ELECTRICAL	
Power Requirements	+8V to 35V DC or 20 to 28V AC @ 3VA
Power Connector	2 way terminal block for SYN-2151M 4 way terminal block for SYN-2151M.DP
Data Connector	RJ45
Data Interface	IEEE802.3i/802.3u/802.3ab, 10/100/1000Base-T Ethernet
Data Rate	10, 100, 1000Mbps with energy detect, auto negotiate, auto MDIX
Operating Mode	Half or full duplex for 10/100 Full duplex for 1000 Pause frames for 1000Mbps flow control

OPTICAL	
Optical Port Connector	SFP
Optical Interface	IEEE802.3z 1000Base-Lx/Sx
Optical Rate	100Mbps or 1000Mbps
SFP Options	Short haul, long haul, single fiber operation, etc. Please consult Synectics for more details.

INDICATORS	
Indicators	Power Copper link, blink indicates activity Fiber Rx – Link/No Link

Synectics

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MANUFACTURER OF

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