ProLabs

C-IGMC-SX-1SC4

4 10/100/1000Base-TX(RJ-45) to 1 1000Base-SX(SC) MMF 850nm 550m Industrial Media Converter Switch

Features

- 4x10/100/1000Base-TX RJ45 ports, 1x1000Base-FX ports
- Support Auto-MDIX, and full/half duplex self-negotiation mode
- Provide SC/FC/ST/LC Interface fiber port, support single/dual fiber transmission
- Support 16K bytes giant frame, compatible with various extension protocol
- 2K MAC address table
- Support IEEE802.3az energy efficient Ethernet technology
- Support IPv6 Protocol
- Electric 4KV surge protection, easy to use in outdoor environment
- Complete status indicator, working state at a glance
- Power input polarity protection design, no worry about wrong operation
- Metal case, no fan design
- Installation method: DIN trail/Wall Mounting
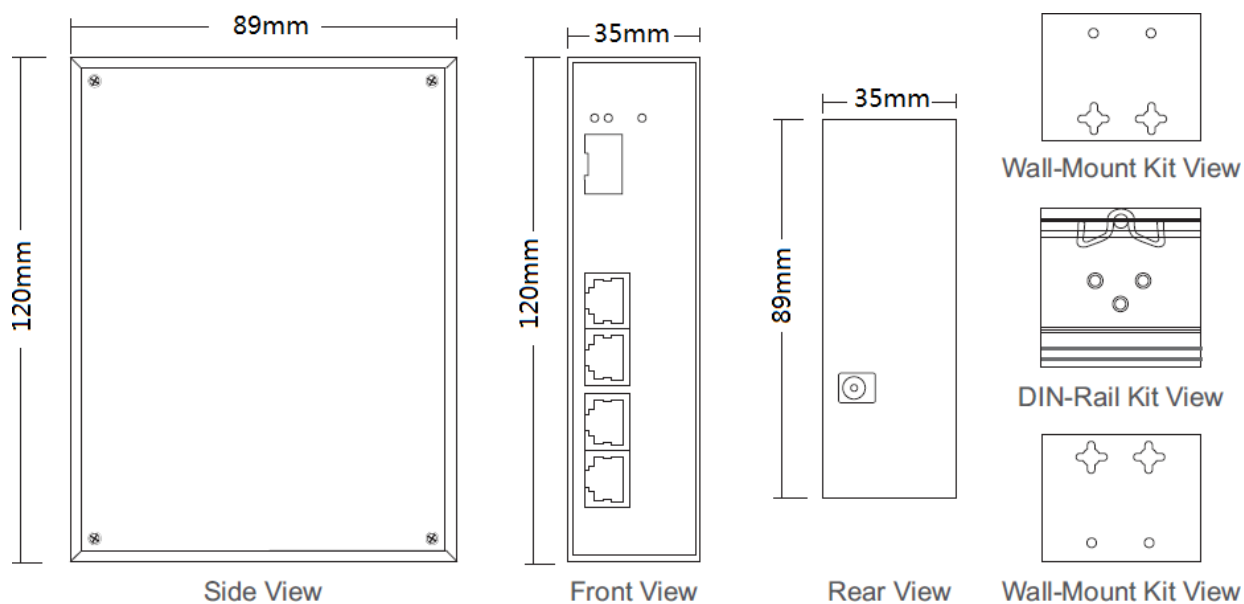
Product Description

This is an industrial media converter that converts 4 10/100/1000Base-TX(RJ-45) to 1 1000Base-SX(SC) via 850nm multi-mode fiber (MMF) SC, with a maximum distance reach of 550m. This provides a cost effective conversion from 10/100/1000Base-TX(RJ-45) to 1000Base-SX fiber, while extending the network reach beyond the 100m reach limitation of copper. This industrial grade product includes a terminal block and does not come with a power plug. Our media converters and network interface cards are 100% compliant for all of our networking needs. Now you have a cost effective solution to your network upgrade needs.
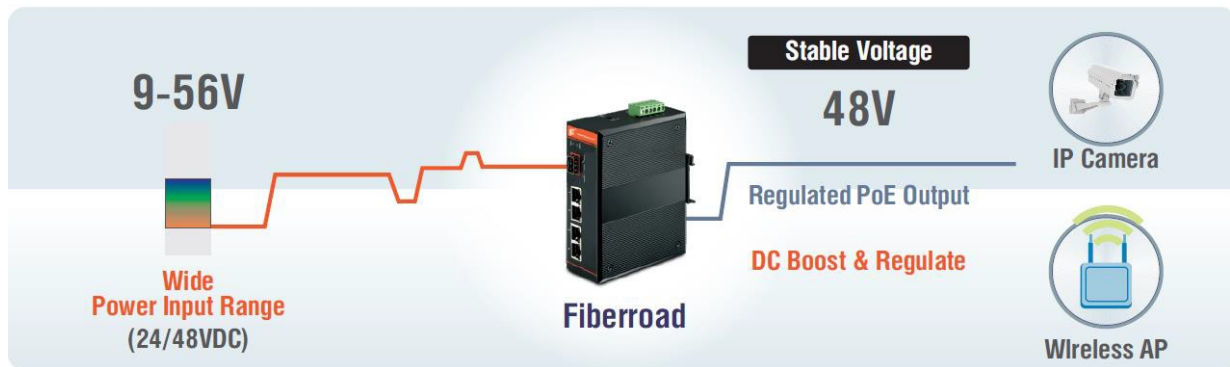
Specifications

Parameter	Specification
Physical Port	
RJ45 port and speed	4x10/100/1000Base-TX
Fiber port and speed	1x1000Base-FX
Parameters	
Ethernet Standards	IEEE802.3 IEEE802.3u IEEE802.3z IEEE802.3ab IEEE802.3x IEEE802.3az IEEE802.3Qad IEEE802.3ah IEEE802.1X IEEE802.1Q IEEE1588
Packer buffer	1Mbits
Maximum packet length	Up to 10KBytes
MAC address table	2K
Transmission mode	Store and Forward (full/half duplex mode)
Exchange property	Delay time: < 7µs Backplane bandwidth: 2Gbps Packet forwarding rate: 2.976M (64Byte)
POE	
PoE standard	4x IEEE 802.3af /IEEE 802.3at PoE
Power Budget	Max. PoE output power budget 30W
LED Indicator	
Power	Connect always
RJ45	Link/Act: connect always; data exchange twinkle Speed light: 100Mbps-always; 10 Mbps- twinkle
Fiber	Link/Act: connect-always; data exchange twinkle
Power Information	
Power access mode	Phoenix terminal, DC seat
Redundant power input	DC 9-56V
Overload Protection	Yes
Power reverse	Support
Power consumption	Full-load <15W
Physical Property	
Protection grade	IP40 aluminum case
Cooling mode	Natural cooling, no fan design
Dimensions	120mm x 89mm x 35mm (L x W x H)
Installation mode	DIN trail/wall-mountable
Weight	390g
Working Environment	

Operating Temperature	-30℃~65℃
Operating Humidity	5%~90% non-condensing
Storage Temperature	-40℃~85℃
Warranty	
MTBF	500,000 hours
Defects Liability Period	3 year warranty, lifetime technical support
Certification Standard	
EMI	FCC Part15 Subpart B Class A,EN 55022 Class A
EMS	EN61000-4-2(ESD), EN61000-4-3(RS), EN61000-4-4(EFT), EN61000-4-5(Surge), EN61000-4-6(CS), EN61000-4-8, EN61000-4-11
Collision	IEC60068-2-27
Drop	IEC60068-2-32
Vibration	IEC60068-2-6
Safety grade	EN60950-1

Dimensions

Side View   Front View   Rear View   Wall-Mount Kit View   DIN-Rail Kit View   Wall-Mount Kit View

Application

About ProLabs

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

Complete Portfolio of Network Solutions

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.

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