

INDUSTRIAL MEDIA CONVERTER PRODUCTS

Industrial Media Converter 1*10/100/1000 Tx,1*1000M SFP , Unmanage



FEATURE

Full Gigabit port

- All series support "10/100/1000M Ethernet port + 1000M SFP port" combination, It is convenient for users to set up networking to meet the network requirements of various scenarios.
- Support non-blocking wire speed forwarding .
- Support full duplex based on IEEE802.3x and half duplex based on backpressure .

The Equipment Is Stable And Reliable

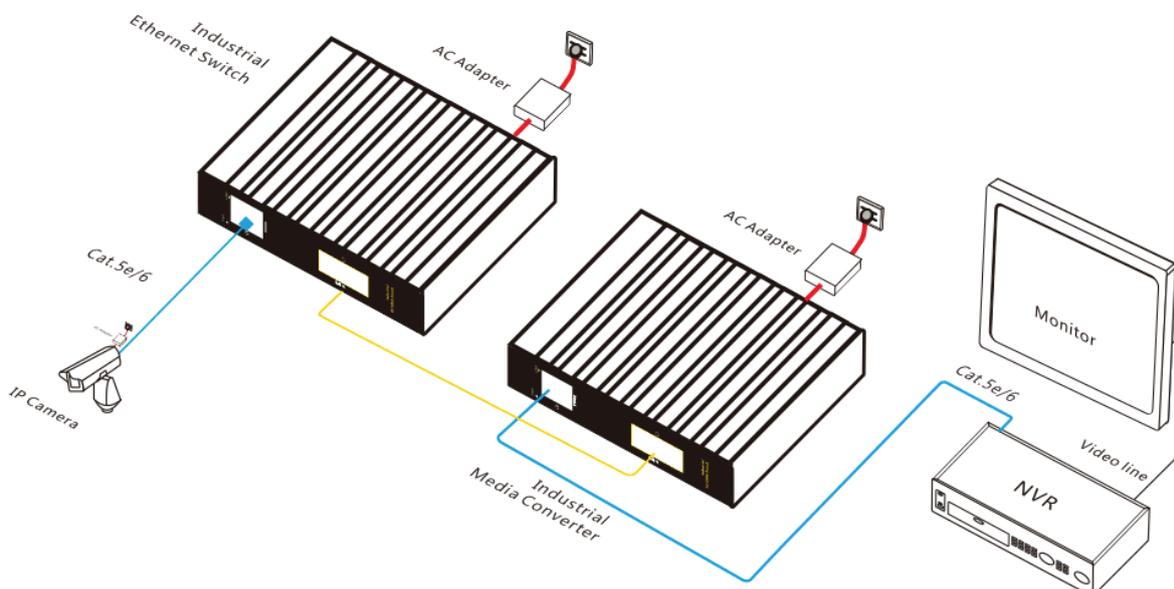
- The host has low power consumption, no fan mute design, aluminum alloy metal shell, excellent heat dissipation, and ensure stable operation of products.
- The equipment fully meets the requirements of 3C, CE, FCC and RoHS safety regulations, and is safe and reliable.
- The user can easily understand the working status of the device through the power indicator (PWR), port status indicator (Link/Act) operation indicator.



PRODUCT DESCRIPTION

The IMC-G9-SFP series is a gigabit industrial Ethernet fiber switch/media converter independent development by Focomm, with 1*10/100/1000M RJ45 ports and 1*1000M SFP port, Users can select different optical modules according to their needs, such as multi-mode dual fiber and single-mode dual fiber, single-mode single fiber, etc. It uses the latest IC in the United States, with stable performance, high quality and high cost performance. It is suitable for industrial scenes such as intelligent transportation, rail transit, electric power, mining, metallurgy and green energy construction to form a cost-effective and stable communication network. Unmanaged model, plug and play, no configuration, easy to use.

APPLICATION



TECHNICAL SPECIFICATION

Interface	1*10/100/1000M RJ45 Ports (Data) 1*1000M uplink SFP port (Data) 2 groups V+, V- redundant DC power interface (5P phoenix terminal)
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x
Ethernet Port Feature	10/100/1000BaseT (X) automatic detection, full / half duplex MDI/MDI-X adaptive
SFP Port	Gigabit SFP fiber interface, no optical module by default, need to be purchased separately (optional order single-mode / multimode, single fiber / dual fiber module, LC)
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	8Gbps
Forwarding Rate@64byte	2.98Mpps
MAC	8K
Buffer Memory	2M
Twisted Pair Transmission	10BASE-T:Cat3,4,5 UTP(≤100 meter) 100BASE-TX:Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat6 or later UTP(≤100 meter)
Optical Fiber Cable	Multi mode: 850nm 0~550M;single mode: 1310nm 0~40KM,1550nm 0-120KM.
Total PWR / Input Voltage	4W/(12-48VDC)
Power Consumption	Standby:<1W; Full load:<4W
LED	Power Indicator : PWR (Green);Network Indicator: Link/Act (Yellow);SFP Indicator: L/F (Green);
Operation TEMP / Humidity	-40~+80°C;5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+85°C;5%~95% RH Non condensing
Dimension (L*W*H)	119*100*30mm
Net /Gross Weight	<0.4kg / <0.7kg
Installation Method	desktop type.35mm DIN Rail type

Anti-surge / Protection Level	Anti-surge:4KV 8/20us; Protection Level:IP40 IEC61000-4-2(ESD)±8kV Contact Discharge,±15kV Air Discharge IEC61000-4-3(RS)10V/m(80~1000MHz) IEC61000-4-4(EFT)Power Line: ±4kV; Data Line: ±2kV IEC61000-4-5(Surge)Power Line,CM±4kV/DM±2kV;Data Line,±4kV IEC61000-4-6 (Radio Frequency Conduction) 10V (150kHz~80MHz) IEC61000-4-8 (Power Frequency Magnetic Field) 100A/m Continued; 1000A/m,1s to 3s IEC61000-4-9 (Pulsed Magnetic Field) 1000A/m IEC61000-4-10 (Damping Oscillation) 30A/m ,1MHz IEC61000-4-12/18 (SHOCKWAVE) CM 2.5kV, DM 1kV IEC61000-4-16 (Common Mode Conduction) 30V Continued; 300V,1s FCC Part 15/CISPR22(EN55022)Class B IEC61000-6-2(General Industry standard)
Mechanical properties	IEC60068-2-6 (anti vibration) IEC60068-2-27 (anti shock) IEC60068-2-32 (free fall)
Certification	3C;CE mark, commercial;CE/LVD EN60950;FCC Part 15 Class B; RoHS;
Warranty	5 years,lifelong maintenance.

ORDER INFORMATION

PRODUCT	PART NUMBER
Industrial Media Converter 1*10/100/1000 Tx,1*1000M SFP , Unmanage	IMC-G9-SFP