

# INDUSTRIAL MEDIA CONVERTER PRODUCTS

Industrial Media Converter 10/100 Tx,155M SC , Unmanage ,Dual Fiber



## FEATURE

10/100M Combo port, Fast Ethernet

- All series support "10/100M Ethernet port + SC 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), and POE operation indicator.

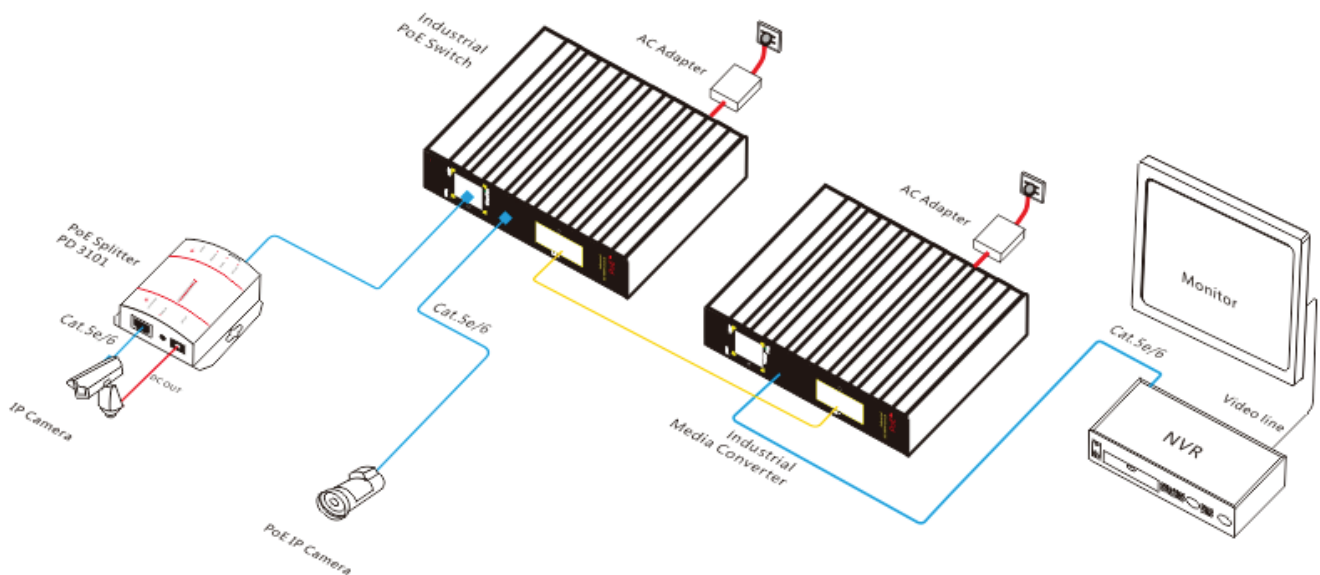


## PRODUCT DESCRIPTION

IMC-F9-SC-20 series is an industrial Ethernet switch/media converter independent development by Focomm,with 1\*10/100M Ethernet ports and 1x 100M SC 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*10/100Base-TX(Data) 1*155M uplink SC port (Data)
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX/FX; IEEE802.3x
Ethernet Port Feature	10/100/1000BaseT (X) automatic detection,full / half duplex MDI/MDI-X adaptive
SFP Port	155Mbps, multi-mode dual fiber SC port, 155Mbps, single-mode dual fiber SC port
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	1.2Gbps
Forwarding Rate@64byte	0.3Mpps
MAC	2K
Buffer Memory	768K
Twisted Pair Transmission	10BASE-T:Cat3,4,5 UTP( $\leq 100$ meter) 100BASE-TX:Cat5 or later UTP( $\leq 100$ meter)
Optical Cable/ distance	multi-mode;850nm 0~550M, 1310nm 0~2KM, single-mode;1310nm 0~40KM, 1550nm 0~120KM
Total PWR / Input Voltage	4W/(12-48VDC)
Power Consumption	Standby:<1W; Full load:<4W
LED	Power: PWR; Link; L/A;Power Indicator Light: PWR (Green); Network Indicator: Link/Act (Yellow); SFP fiber Indicator: L/F (Green); POE Work Indicator: POE (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

<b>Anti-surge / Protection Level</b>	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)
<b>Mechanical properties</b>	IEC60068-2-6 (anti vibration) IEC60068-2-27 (anti shock) IEC60068-2-32 (free fall)
<b>Certification</b>	3C;CE mark, commercial;CE/LVD EN60950;FCC Part 15 Class B; RoHS;
<b>Warranty</b>	5 years,lifelong maintenance.

## ORDER INFORMATION

PRODUCT	PART NUMBER
Industrial Media Converter 10/100 Tx,155M SC , Unmanage ,Dual Fiber	IMC-F9-SC-20