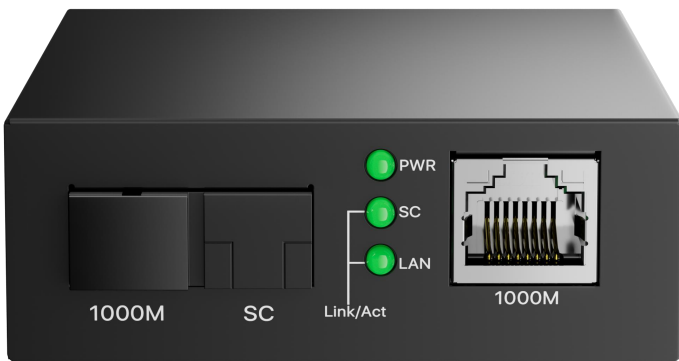


SC9-A&SC9-B

2-port Gigabit Single-mode Media
Converter-20km



SC9-A&SC9-B

2-port Gigabit Single-mode Media Converter-20km

Descriptions

SC9-A & SC9-B are a pair of self-designed Gigabit single-mode single-fiber 20km fiber transceivers by ip-com. They support single-wavelength multiplexing technology (BiDi WDM), enabling bidirectional signal transmission over a single fiber via SC fiber ports to reduce cabling costs. These transceivers are an ideal solution for outdoor surveillance and long-distance networking in enterprise campuses.

Features

- Complies with IEEE 802.3/u/ab/x/z
- Provides 1*10/100/1000Mbps RJ45 port; 1*1Gbps SC optical port
- Compact size, can be easily installed in a weak current distribution box
- Transmission up to 20km
- Plug and play

USPs



Gigabit high-speed transmission, stable networking up to 20km

Enables inter-conversion between Ethernet and fiber, suitable for long-distance network deployments in campuses, factories, schools, surveillance, etc.



High compatibility, widely compatible with various network devices

Compatible with common routers, switches, IPC cameras, NVR recorders, and wireless APs on the market.



Metal casing, stable operation

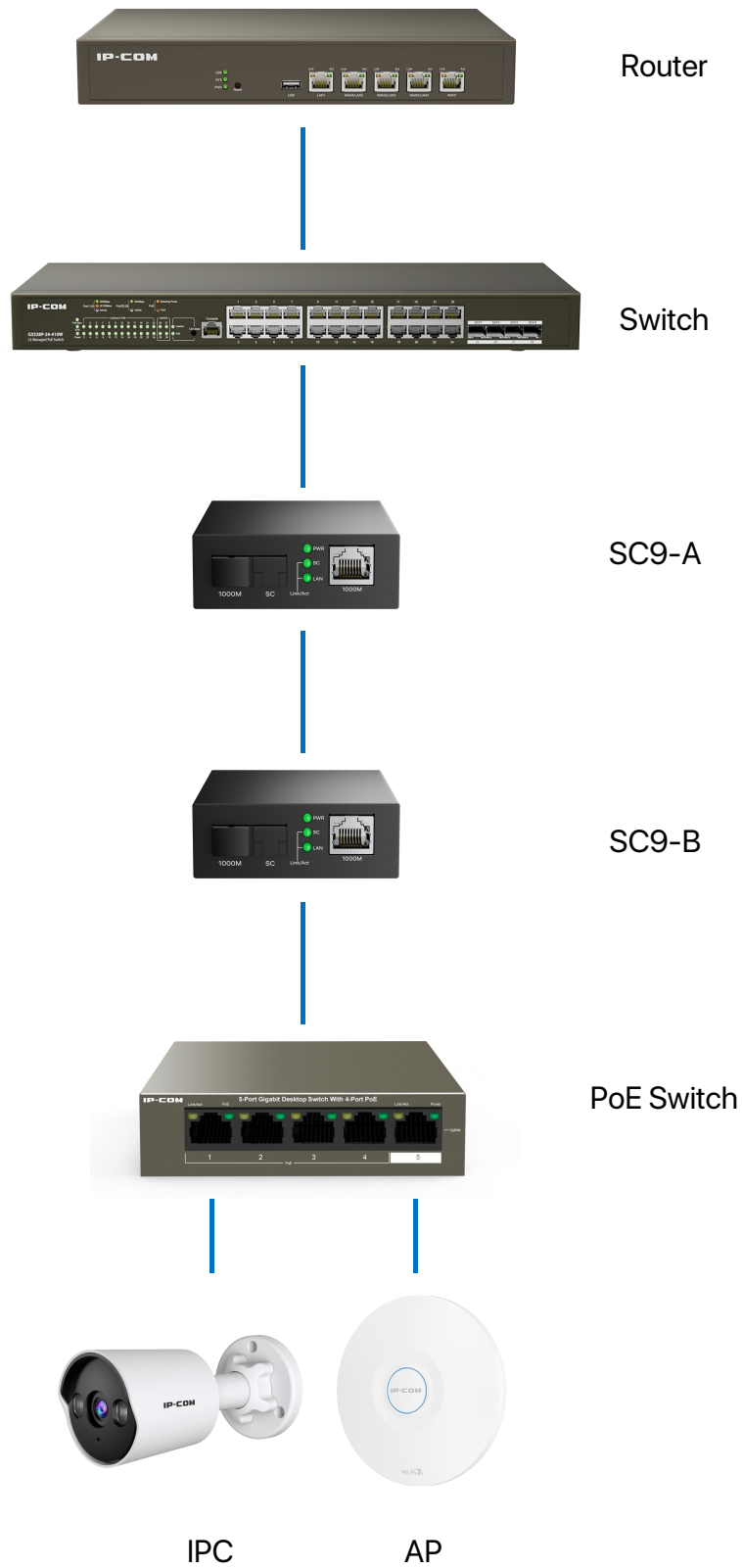
Steel (housing), equipped with high-performance chips and high-quality optical components to ensure stable operation.



Single-mode single-fiber technology, simultaneous transmit and receive on one fiber

Compared to dual-fiber, saves 50% of fiber resources and reduces deployment costs.

Application



Specifications

Model	SC9-A	SC9-B
Network Standards	Complies with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE 802.3z	
MTBF	≥20,000 hours	
LED Indicators	2*Link/Act LED indicators 1*Power LED indicator	
Fixed Ports	1*10/100/1000Mbps RJ45 port; 1*1Gbps SC fiber port	
Lightning Protection	≥2KV	
Transmission Distance	20KM	
Transmission Wavelength	TX: 1550nm RX: 1310nm	RX: 1550nm TX: 1310nm
Voltage	Input Voltage: AC 220V~50Hz; Output Voltage: DC 5V0.6A; Supports rack power supply for fiber media converters	
Dimensions (L*W*H)	95mm*72mm*26mm	
Certifications	CE、FCC、RoHS	
Operating Environment	Operating Temperature: 0℃ ~ 40℃ Storage Temperature: -40℃ ~ 70℃ Operating Humidity: 10% ~ 90% RH non-condensing Storage Humidity: 5% ~ 90% RH non-condensing	

www.ip-com.com.cn



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