

Type: SAE-100-G20-ec

Technical Specification of SAE-100-G20-ec

1 port 10/100/1000Mbps & 1Gigabit SFP Fiber uplink Media Converter



- 10/100/1000Mbps Gigabit Fiber media converter
- 1x copper cable RJ45 port 1x LC fiber(SFP) port
- Card-type or Stand-alone type for your choice
- Supports IEEE 802.3U; IEEE 802.3X; IEEE 802.3z/AB; IEEE 802.1d standard
- Full duplex flow control or half duplex backpressure flow control, with auto-negotiation function
- Provide stand-alone RJ-45 electrical interface port, automatic cross connection with switch and hub network
- The electrical interface port supports 1000Mbps,100Mbps,10Mbps, both ends of the electrical interface port can use different speed (Working bandwidth for full-duplex is line-speed 2XMbps)
- Supports automatic cross of twisted pair ports
- Economy type
- LED supported for link failure indication and status in order to better monitoring

This **SAE-100-G20-ec** features with link loss diagnosis, electrical port link diagnosis and optical port link diagnosis, dynamic data transmission, full-duplex/half-duplex, speed indicator. It provides the stand-alone RJ-45 electrical interface port, automatic cross connection with switch and hub



network. High-performance optical fiber interface, good compatibility and high reliability, fully compatible with other devices. Accordingly, multimode, single mode up to 80 km or more can supported by this equipment. The **SAE-100-G20-ec** media converter provides a network point for data transmission. The media converter features simple and reliable design, automatic identification Ethernet requirements, duplex and high-speed. Remarkably, It has 1Gigabit fiber ports (SFPs) that helps designers to improve their planning and use the network intelligently.

SAE-100-G20-ec made by high quality of components were rigorous screened, have superior performance in stability, environmental adaptability. The product planned in a way of better resistance and ability to corrosion and electromagnetic interference. Power input also made a suitable and reliable types of power, to get more powerful suitability to environment.

: Applications

- IP Camera in CCTV monitoring
- Digital Radio in transmission systems
- IP telephone
- Intelligent transportation supervisory system (ITS)
- Tele-Communication System
- Security protection system, TV medical treatment
- Long-distance Multi-media Schooling, Campus monitoring



Technical specification

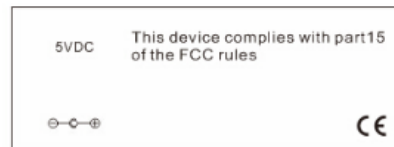
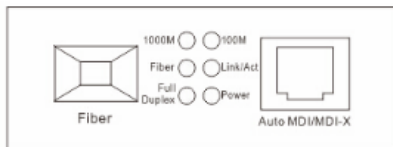
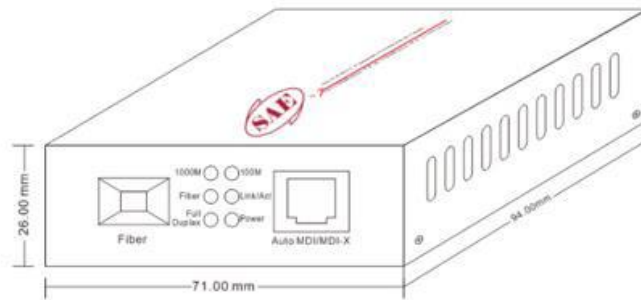
Product	
Product Name	SAE-100-G20-ec
Interface	
Ports	Gigabit single electrical port, single mode/multimode dual fiber, 1×copper cable RJ45 port, 1× LC fiber port
Protocol	
Transmission Distance	20km, can be customized 550m, 40km, 60km or 100km
Fiber Description	Single mode Dual fiber, LC port
Fiber Bandwidth	1.25G
Rate	1000MHz
Network Media	100BASE-TX/1000BASE-TX: Cat5 and more UTP
EMI Safety	FCC Class A, CE
Standards	
IEEE 802.3i 10BASET	IEEE 802.3u 100BASETX
IEEE 802.3x Flow Control	IEEE 802.1af DTE Power via MDI

LED Indicator	
systems	Power
Connecting	working status
Power	
Power Supply	5W
Dimension/ Weight	
Dimension	94×71×26 mm
Weight	0.65kg



Working Environment	
Working Temperature	0°~ 75°C
Storage Temperature	-10°~ 85°C
Working Humidity	10%~90%, non-condensing
Storage Humidity	10%~95%, non-condensing
Operational Altitude	3000m (10,000ft)
Storage Altitude	3000m (10,000ft)

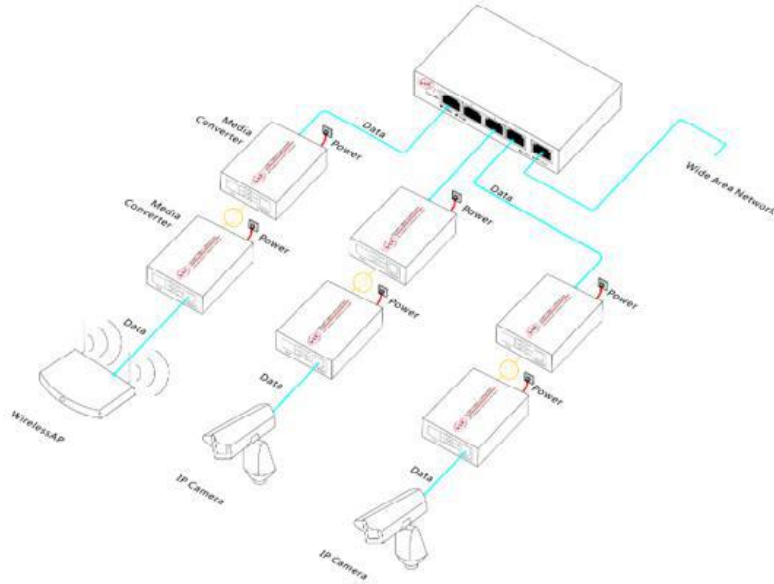
Product Application Display



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