

# SG719

## 12 Slot Rack-Mountable Media Converter Chassis



### Features

- > Accommodates up to 12 media converters operating under different protocols
- > Supports two load sharing, hot swappable power supplies
- > ON/OFF trigger guard protection on power switch
- > Three serviceable high volume cooling fans
- > LED status panel with fan and slot and power LEDs
- > Supports slot power isolation
- > 19" Rack Installation
- > Supports 10/100/1000Base-TX/FX, ATM- 155/622 and serial converters
- > Prevents network downtime and protects your converter investments
- > Available in AC 100-240V with AC Socket or DC -48V with terminal block

### Applied Situations

- Bad industrial environment or high requirements for Lightning protection
- Intelligent transportation supervisory system (ITS) and safe city
- High speed way supervisory/ Tele-communication system, IP network camera
- Security surveillance system of large corporations, multi-function network system
- Long-distance multi-media schooling/ campus surveillance, long-distance broadcast television transmission system

### Features

- Dual fiber bi-directional transmission with applications WDM wavelength of 850nm/ 1310nm/ 1550nm
- Ethernet 10base-T or 100Base-TX to 100Base-FX or 1000Base-T to 1000Base-LX/SX fiber media transition
- 1 x RJ45 (10/100/1000 Base-T) support Auto MDI/MDI-X and Auto-Negotiation
- 1 x Mini GBIC SFP (100 Base-FX/1000 Base-FX)
- Supports IEEE 802.3; IEEE 802.3U; IEEE 802.3X; IEEE 802.3z/AB; IEEE 802.1d standard
- Supports Link Fault Pass-through (LFP) function
- 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 the transmission of extra-long packets up to 1.6KB
- Features with link loss diagnosis, electrical port link diagnosis and optical port link diagnosis, dynamic data transmission, full-duplex/half-duplex, speed indicator
- Provide stand-alone RJ-45 electrical interface port, automatic cross connection with switch and hub network

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### Technical Specification

Product Name	Single Port Dual Fiber Gigabit Media Converter
Model	SG1110-MS
Description	Gigabit single electrical port, single mode/multimode dual fiber media converter
Interface	1x copper cable RJ45 port + 1x SFP fiber port
Transmission	20km can be customized 550m, 40km, 60km or 110km
Optic Fiber	Dual fiber, single mode/ multimode
Broadband	1.25G
Rate	1000MHz
Network Media	100BASE-TX/1000BASE-TX: Cat5 and more UTP
Protocol	IEEE 802.3; IEEE 802.3i; IEEE 802.3u; IEEE 802.3x Flow Control; IEEE 802.3ab
Architecture	Store and forward
LED Indicator	PWR, Fx(Fiber), Tx(RJ45), 1000(Base-T), LNK/ACT, ALM(Alarm)
EMI Safety	FCC Class A, CE
Power Supply	12VDC (1A), 100-240VAC (50-60Hz) Power supply (DC-Jack)
Temp/Humidity	-10-55 C°(Operating), -20-75 C°(Storage), 5 to 90% operating humidity
Housing	Aluminum