SG-0110S-SCX-O
10/100M Single Port single fiber Media Converter

FEATURES

> Card-type or Stand-alone type for your choice
> Broadcasting filtration function, automatic recognizing and modifying address with store-and-transmission operational mechanism
> Ethernet 10Base-T or 100Base-TX 100Base-FX fiber media transmission (auto-negotiation)
> Compatible with IEEE802.3, IEEE802.3U, IEEE802.3X, IEEE 802.3z/AB, IEEE802.1d standard
> Built-in Surge Protection
> The electrical interface port supports, 100Mbps, 10Mbps, both ends can use different speed (full-duplex work bandwidth for line-speed 2XMbps)
> Smart Link Error Detection
> Cache size for 512KB, address table size is 4KB
> 1x RJ45 port and 1x fiber SC port

DESCRIPTIONS

This 10/100M media converter can be use between 10Base-T and 10Base-FL or 100Base-TX cable and 100Base-FX fiber cable for data transmission. It provides stand-alone RJ-45 electrical interface port and supply power to others, and can automatically cross connection with switch and hub network. And feature with link loss diagnosis, electrical port link diagnosis and optical port link diagnosis, dynamic data transmission, full-duplex/half-duplex, speed indicator, point-to-point transparent transfer. Also it can be realize the interconnection between motherboard servers, Repeaters, hubs, switches terminal.

Plug and play design makes easy installation, no adjustment, all the light, electrical interface port is in line with international standards. It can extend the network transmission up to 110 km. This 10/100 Mbps media converter is suitable for 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 for large corporations, multi-function network system.

SPECIFICATIONS

Product Name	10/100M Single Port single fiber Media Converter
Product Model	SG0110S-SCX-O
Interface	1x copper cable RJ45 port +1x fiber SC port, support power supply
Transmission Distance	20, 40, 60 or 110 km (Optional)
Fiber Description	Single mode single fiber (9/125μm & 10/125μm), SC fiber port Fiber
Bandwidth	155Mbps
Wavelength	1310/1490 nm
Network Bandwidth	100MHz
Ethernet Specifications	Bandwidth: 1.6Gbps (non-blocking) Network Latency (100 to 100M bps): the maximum delay less than 20 microseconds Packet Buffer Memory: 1M Address Database Size: 1,000 MTBF: 190,000 hours

Protocol	IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-TX; IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI/MDI-X;
LED Indicator	System, Power, Connecting, working status
Power Supply	3.5W (5VDC input)
Dimension/ Weight	Dimension(LxWxH) : 116×99×25.5mm Weight : 0.65kg
Working Environment	Working Temperature:-20°～ 75°C; Storage Temperature: -40°～ 80°C; Working Humidity: 10%～90%, non-condensing; Storage Humidity: 10%～95%, non-condensing; Operational Altitude: 3000m (10,000ft); Storage Altitude: 3000m (10,000ft);
Radiation	CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B
Safety	CE mark, commercial CE/LVD EN60950
Warranty	1 year warranty (3 years warranty for power adaptor)

ORDERING INFORMATION

Package List	Single Port single fiber Media Converter (SG0110-SCX-O)
	Power Adaptor
	User Guide
	Warranty Card