

10/1000M single mode single fiber media converter (ASIT-1110S-SCX-O)



RoHS CE FCC

- 100/1000M Media Converter can be use between 1000Base-TX cable and 100Base-FX fiber cable or 10Base-T cable and 10Base-FL fiber cable for the data transmission usage,
- Suitable for intelligent community, it extend the network transmission from 100m to 20Km. Also it can be realize the interconnection between motherboard server, Repeaters, hubs, switches, terminal.
- Plug and play design makes easy installation, no on-site adjustment, All the light, electricity interfaces are in line with international standards, Products applicable to different harsh industrial environment

Features :

- Card-type or Stand-alone type for your choice; suitable for concentration management in 2U Racks
- Broadcasting filtration function, automatic recognizing and modifying address with Store-and-transmission operational mechanism
- Cache size for 512KB, address table size is 4KB
- Ethernet 100base-t or 100Base - TX 100Base - FX fiber media transition
- Supporting IEEE802.3, IEEE802.3U, IEEE802.3X, IEEE 802.3z/AB, IEEE802.1d
- Supporting full duplex flow control or half duplex backpressure flow control, with auto negotiation function
- Electricity support 1000Mbps,100Mbps, 10Mbps, both ends can use different speed (full-duplex work bandwidth for line-speed 2XMbps)
- Provide a link loss diagnosis, electric link and light links diagnosis, dynamic data transmission, full-duplex/half-duplex, speed indicator
- Provide one RJ - 45 electrical automatic cross connection, connect switchboard, concentrator
- Optical fiber interface properties is good, good compatibility and high reliability
- Provide complete after-sales service and five years for maintenance services

Performances and features :

- Intelligent transportation supervisory system, ITS,
- High-speed Way supervisory/Tele-Communication System,
- Large corporations, network security monitoring system, multi-function system
- Long-distance Muti-media Schooling, Campus monitoring, long-distance broadcast television transmission system

Fiber Features :

Type	wavelength (nm)	TX power dBm	Distance Km	Loss dBm/Km	Allowable loss dBm	Fiber Type
Multi-mode	850	-15~-10	0~0.5	3	10	850nm (Multi-mode)
Single-mode	1310	-10~-6	0-20	0.5	16	Single-mode (9/125um)
	1310	-6~-3	0~40	0.5	25	Single-mode (9/125um)
	1550DFB	-6~-2	0~60	0.25	20	Single-mode(9/125um)
	1550DFB	-2~+2	0~100	0.25	28	Single-mode(9/125um)

Ethernet Features

Interface Speed Rate	: 10/100/1000Mbit/s Auto-adaptation, the default is 100MBPS working condition
Interface Type	: RJ-45
Transmit mode	: IEEE 802.3, IEEE 802.3u, IEEE 802.3x, store-and-forward process mode
Doublet	: 0-1000M
Supporting Agreements	: IEEE802.3U 100Base-TX, 10/100/1000M
Communication Working format	: Full-duplex or half-duplex, Auto Negotiation

Environmental Requirements :

Operating Temperature	: 0 °C ~ +70°C
Storage Temperature	: -45 °C ~ +95°C
Relative humidity	: 0~95% (Non-condensing)
Power Voltage	: AC85-260v/300mA
MTBF	: ≥10 ⁵ hours
Power supplier	: 3.5W

Product certification

CE, FCC, ROHS, National certification

Order Information :

Type	Specification (Interface:SC)	Max Transmission Distance (KM)
ASIT-1110S-SCX-O	10/100/1000M single-mode, SC, outlay power	20KM (single-mode)
ASIT-1110S-SCM-O	10/100/1000M single-mode, SC, outlay power	40 KM (single-mode)

The fiber optic transmission distance can be ordered 40km, 60km, 100km.

S40 : 40KM ; -S60 : 60KM ; S100 : 100KM

Accessories in the package :

-S : Single-mode; -M : Multi-mode customers. The fiber optic

User Manual	maintenance card	Qualified Certification	Power Adapter	Device
1copy	1copy	1 copy	1 pc	1 pc