STR922GS-20A

The multiport fiber media converter, also named unmanaged fiber switch, it has the similar functions as normal fiber media converter, when you use the converter, all the data from different ports can be shared, realize the data sharing. It is suitable for intelligent community, it extend the network transmission from 100m to 120km. 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. The installation and operation procedures of the Fiber Optic Media Converter are simple and straight forward. Operation status can be monitored through a set of Diagnostic LED located in the front panel. Since the data rate is auto-negotiated, no internal adjustments or setting are necessary. Standard shielded RJ-45 connectors are provided for Cat. 5 compliance.

Features:

> 2 fiber ports (10/100/1000M Singlemode Single fiber 20km) + 2 rj45 ports, 1000M

> Supports 10/100/1000Base-T, 1000Base-X protocol.

> Flow control for full duplex and half duplex.

> Supports up to 10k byte JUMBO frame.

> Supports Fiber Port Trunking, Increasing Fiber Channel Bandwidth and Supply Fiber Channel Redundancy.

> Supports Ports Based VLANS and TAG Based VLANS（Optional).

> In conformity to safety code of FCC and CE MARK.

> Connector: two fiber connector

> Operation mode: full duplex mode or half duplex mode

> Power supply parameter: DC 5V 2A

> Environmental temperature: 0-50℃

> Relative humidity: 5%-90%

> UTP cable: Cat5 UTP cable

> Transfer fiber:single mod(8.3/125,8.7/125, 9/125 or 10 125um).

Unmanaged Fiber Switch

Fiber Media converter

Application:

* Extend your Ethernet connection up to 20km away using fiber optics.
* Creates an economical Ethernet-fiber/copper-fiber link for connecting remote sub-networks to larger fiber optic networks/backbones.
* Converts Ethernet to fiber, fiber to copper/Ethernet, ensuring optimum network scalability for connecting two or more Ethernet network nodes (e.g. connecting two buildings on the same campus).
* Designed to provide high-speed bandwidth for demanding large scale work groups that require expansion of Gigabit Ethernet Network.
* Intelligent transportation supervisory system (ITS)
* High-speed Way supervisory/Tele-Communication System
* Large corporations, network security monitoring system, multifunction system
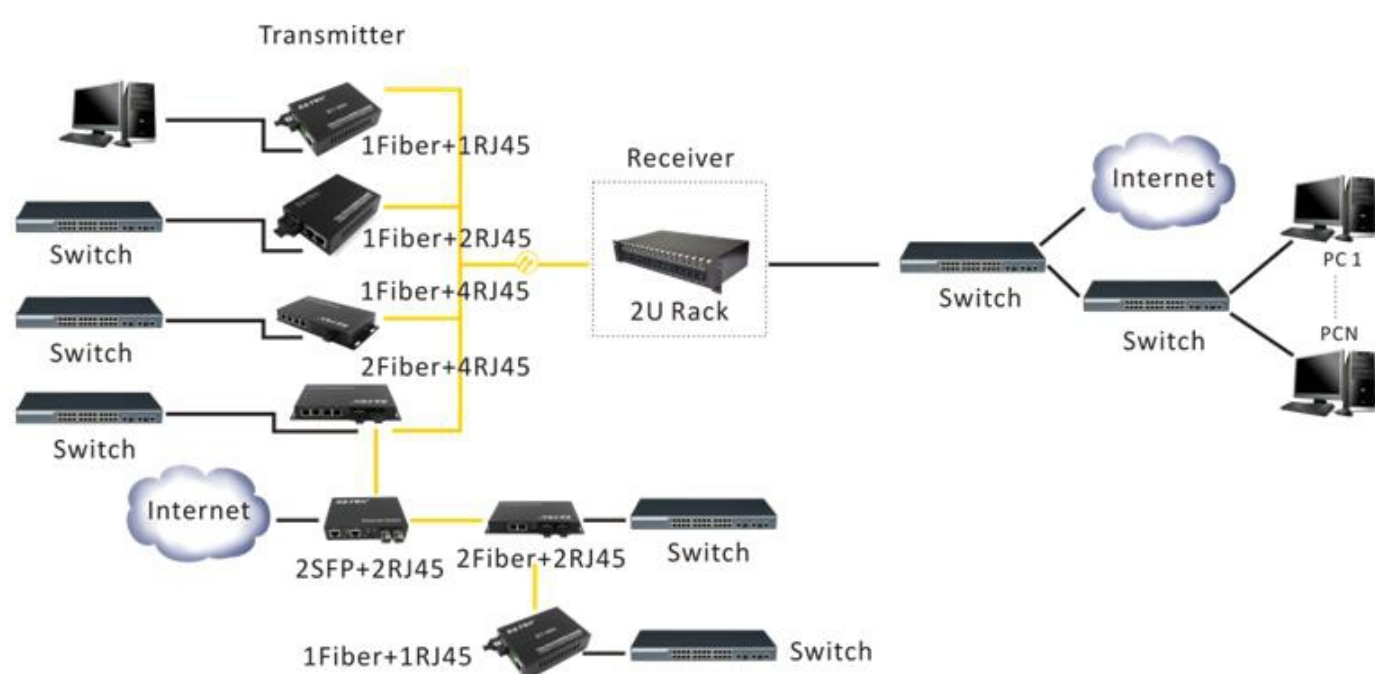* Long-distance Muti-media Schooling, Campus monitoring, long-distance broadcast television transmission system.

Specifications:

Rate: self-adaptive 10/100/1000M
Protocol: supported IEEE802.3
Fiber type: single
Optic mode: Single mode
Transmission mode: half / full duplex
Ethernet interface: RJ-45
Optic interface: S
Optic wavelength: Tx1310/Rx1550nm, Tx1550/Rx1310nm
BER: < 1/1000000000
MTBF: 3 years
POWER: 2.5W
Power supply: AC220V/0.5A, DC5V/2A
Working temperature: 0~50℃
Working humidity: 5%-95%
Storage temperature: -40℃~70℃
Storage humidity: 5%~95%(no-condensing)

System Design:

1.For networking:

2.For CCTV Surveillance Security