ST-1 Fiber SFP Port &4 X 10/100Base TX Converter

System Design

4x 10/100Mbps TP ports + 1X 100Mbps fiber Ethernet converter. The TP ports can auto-detect 10/100Mbps, Half/Full duplex and MDI/MDI-X of the connecting devices. Two queues and up to 1522 bytes packet length is supported. Transferring according to the priority in ToS of IP in the packet. Can perfectly meet the "Quality of Service" request in the network. A clear indicator panel including link/activity LED, FDX (full duplex)/collision indicator LED for easy monitoring of network status.

Features

■ In conformity to IEEE 802.3 10 Base-T standard;

■ In conformity to IEEE 802.3u 100 Base-TX/FX standard;

■ Supports 1K capacity MAC address table;

■ IEEE802.3 X for full duplex and back pressure flow control for half duplex;

■ Every TP port can auto-detect MDI or MDI-X connection, no crossover cable is needed for switch/hub cascaded

■ Forward 1552/1536 bytes packets for management;

■ LED indicator to show the device's work status;

■ VLAN function optional(built-in preset by factory

■ In conformity to safety code of FCC and 15 CLASS A and CE

Technical specifications

10/100 UTP Port	4
Fiber Port	1 Ports
Standards Compliance	IEEE802.3 10 Base-T, IEEE 802.3u 100Base-TX/FX
MAC address table	1K
Connector	UTP: RJ-45, 10/100Mbps Fiber slot: 100Mbps SC/ST/SFP optional
Supported Cable	UTP: Cat.5 UTP
	Multi-mode: 50/125, 62.5/125, 100/140μm Single mode: 8/125, 8.7/125, 9/125, 10/125μm
Flow control	Full Duplex: IEEE802.3x flow control Half Duplex: back pressure flow control
Operation mode	Full Duplex Mode or Half Duplex Mode
LED Indicators	PWR, F1 Link/Act, F2 Link/Act, TP1～TP4 Link/Act, TP1～TP4 100
Power Supply	DC 5V1A
Operating Temperature	0 ~ +60℃
Storage Temperature:	20 ~ +70℃
Humidity	5% ~ 90%
Dimensions	25(H)×100(W)×180(D)mm

LED indicator

LED Indicator	Status	Description
Link/Act	On	Fiber/UTP port connection LED, ON means Fiber/UTP port connection ok
	Blinking	Means data is transmission
PWR	On	Power connection normal
SPD	On	UTP port transmission speed is 100Mbps
	Off	UTP port transmission speed is 10Mbps

Remark :

•Optical transmission distance is limited to optical loss of the fiber and any additional loss introduced by connectors, splices and patch panels.

•Maximum transmission distance is also limited by fiber bandwidth.

•Power adapter for stand-alone units is manufactured by third party .Power adapter included US, European, UK or Australian power plug.

•Please feel free to contact factory for any special requirement and customization