



**HANUTECH SOLUTIONS**

## **MEDIA CONVERTER 4 RJ45 1 FIBER GIGA SINGLE MODE DUAL FIBER**

### **Description**

The 4 RJ45 and 1 Fiber SMDF Giga multi-port fiber media converter, also named unmanageable 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 extends the network transmission from 100m to 120km. Also it can be realizing 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 compliances.

### **Features**

- \* Supports 100/1000Base-T, 1000Base-X protocol.
- \* Flow control for full duplex and half duplex \* Hot Pluggable & Wall-Mountable.
- \* Supports up to 10k byte JUMBO frame
- \* Stable performance more than 50 thousand hours with fault-free.
- \* Unique IC solution applied.
- \* Supports 100/1000Mbps full/half duplex, easy upgrades.
- \* Auto MDI/MDI-X.
- \* Auto Negotiation.
- \* Support flow control.
- \* In conformity with safety code of FCC, CE and RoHS.

# Specification

Optical Interfac	Connector	SC (1000 Base FX)
	Data Rate	1000Mbps Download and Upload:1000Mbps with error rate of zero
	Duplex Mode	Half / Full duplex
	Fiber	MM 50/125um,62.5/125um
		SM 9/125um
	Distance	20KM
	Fiber Type	Dual Fiber - Single Mode Fiber, Multimode Fiber
	Wavelength	MM850nm, 1310nm, 1550nm.
		WDMTx1310/Rx1550nm (A side), Tx1550/Rx1310nm (B side) WDMTx1490/Rx1550nm (A side),Tx1550/Rx1490nm (B side)
UTP Interface	Connector	1 Port Ethernet 10/1000 Base-TX (RJ45)
	Data Rate	10/100/1000Mbps
	Duplex Mode	Half/full duplex
	Cable	Cat5,Cat6
Power Input	Adapter Type	DC5V
	Power Built-in Type	AC100~240V50/60Hz
Power		<3W
Weight	Adapter Type	0.39kg
	Power Built-in Type	0.67kg
Dimensions	Adapter Type	94*70.5*26.5mm
	Power Built-in Type	140.5*111*30mm
Temperature	0~55°C Operating;- 40~70°C Storage	
Humidity	0~90%(no condens ing)	
MTBF	≥10.0000h	
Certification	CE, FCC, RoHS	

## Application

- \* Extend your Ethernet connection up to 0~120km 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.

