GS1008-2S
Belco 8-Port GE Unmanged Switch

* Comes with 8 UTP Ports + 2 SFP Ports
* 10/100/1000Base-TX to 1000BASE-FX Converter
* LED: Power , DUP,FP-LINK,RX,100,TX
* Support Jumbo Frame (64-9216 Byte)
* Support Voltage Monitor

System Overview

The GS1008-2S Ethernet Media Converter is designed to meet the massive needs for network deployment and able to extend a copper based network via fiber cable to a maximum distance up to 20km.
This converter is fully compliant with IEEE802.3z & 802.3ab standards. It can be installed into a Standard Converter Chassis. The installation and operation procedures are simple and straight forward. Operation status can be locally monitored through a set of Diagnostics LED located in the front panel.

Features :

Item	Specification / Term
Item number	GS series
Standard Protocol	IEEE802.3u,10/100/1000Base-T,1000Base-SX/LX,IEEE802.3ah, IEEE802.3z/ab
Flow control	IEEE802.3x port flow control and back pressure control
Transmission speed	10/100/1000M auto-negotiation
Transmission mode	Full-duplex/semi duplex(auto-negotiation)
Conversion mode	Storage transmission
MAC address	VLAN 4K
Buffer space	128KB
Packet length	Storage transmission:9728Bytes,straight-through,infinite.
Time-delay	9.6us
Bit error rate	<1/1000000000
MTBF	100,000 hours
Power supply	Outside: 5V DC 1A ; Build-in: 110~265V AC 48V DC
Power dissipation	<2.5W
Interface	Electric port: RJ45,Fiber port: SFP
Twisted-pair cable	UTP cable
Operating temp.	0~60°C
Storage temp.	-20~70°C
Humidity	5%~90% (no condensation)

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Installation

* Attach fiber cable from media converter to the fiber network, the fiber connections must be matched transmit socket to receive socket, the TX, RX fiber cable must be paired at both ends.

* Attach an UTP cable from the 10/100/1000base, T network to the RJ45 port on the GS1008-2S.

* Connect the power adapter to the GS1008-2S and check that the Power LED light up. The TX-LINK/ACT and FX-LINK/ACT LEDs will light up when all the cable connections are satisfactory.

LED Description

LED	Function	Status	Description
PWR	Power LED	ON	Power is ON
		OFF	Power is Fail
FX	Fiber port single detect LED	ON	Laser is receiving
		OFF	No laser input
FX-LINK/ACT	Fiber port link/action status LED	ON	Fiber link is OK
		Blink	Data is been received or transmitted
		OFF	Fiber link is Off
1000M	UTP port speed LED	ON	1000M Speed
		OFF	1000M Speed
TX-LINK/ACT	UTP port link/action status LED	ON	Link is OK
		Blink	Data is been received or transmitted
		OFF	Link is Fail
FDX/COL	UTP port duplex LED	ON	Full duplex
		OFF	Half duplex