GS1001-8S

Belco 8-Port SFP GE Unmanged Fiber Switch

* Completes with 8 SFP ports + 1 GE port
* Supports various SFP modules
* Supports 1000M full duplex mode
* Maximum 1632 Bytes data packet
* Support 4K VLAN IDs, Level III QoS, TPv4, Tpv6, Trunking, Flow Control

System Overview

The GS1001-8S has 8* 1000M SFP slots and 1* 10/100/1000M negotiable RJ45 port. User can choose various SFP according to the requirement, e.g. Multimode/Single mode, dual fiber / single fiber, single mode 0~20km. It can achieves seem less connection for fiber and Ethernet 10M, 100M, 1000M, more convenient than normal gigabit fiber switch and suitable for small fiber Ethernet projects and others with special requirements.

On-board RJ45 port can be self-adaptive, can be full duplex and half duplex mode, for SFP slots, users can insert SFP module and Copper RJ45 module. The fiber switch has reliable and stable performance.

The SFP slots of the GS1001-8S can only be 1000M full duplex mode, but for the RJ45, it can work on 10/100/1000M, full duplex or half duplex.

For the SFP modules, there are multimode and single mode, single mode has dual fiber and single fiber kinds, dual fiber SFP needs to use duplex fiber cable to transmit 1 channel Ethernet signal, while single fiber can only use simplex fiber cable.

Features

> 8* SFP slots and 1* RJ45 port
> RJ45 port can be negotiable on 10/100/1000M, full/half duplex mode, parallel line / crossing line connections
> SFP ports support 1000M full duplex mode
> Support flow control, prevent broadcast storm
> Support 4K VLAN IDs, Level III QoS, TPv4, Tpv6
> Support Trunking
> Support max 1632 bytes data packet
> Low power consumption (10W), less heat, good stability

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Specifications

* Standard: IEEE802.3/u/z/ab,10Base-T,100Base-TX,1000Base-T and 1000Base-X
* MAC address: 8K (auto updating)
* Frame Memory: 1MkB shared
* Bandwidth: 20G, realize speed forwarding without blocking
* Connectors: RJ45 port - 10/100/1000Mbps (Self-adaptive); SFP port - 1000Mbps
* Cable:-
- Twisted-pair cable CaT6 (can be reached 100 meters)
- Multimode fiber: 50/125, 62.5/125μm (reach 550 / 224 meters)
- Single mode fiber: 8/125. 8.7/125, 9/125μm (reach 10~100km)
* Flow control: full duplex IEEE802.3x; half duplex back pressure
* LED indicator: PWR, 100, 1000, SFP1, SFP2, SFP3, SFP4, SFP5, SFP6, SFP7, SFP8
* Power: AC220V (100-220V), 50~60Hz; DC 5V2A
* Environment temperature: 0~50°C
* Storage temperature: -40~70°C
* Humidity: 5%~90%
* Dimension: 200*126*30mm

LED Indicators:

100: ON indicates UTP port is 100Mbps
1000: ON indicates UTP port is 1000Mbps
100 and 1000 LEDs are off, indicate UTP port is 10Mbps
PWR: ON indicates device is on normal
SFP1...SFP8: ON indicates connection is on normal

Packing List:

Unmanaged fiber switch	1 piece
DC5V2A power adapter	1 piece
User manual	1 piece