

SPECIFICATION DATA SHEET

Switch 8WDM02Gi

DESCRIPTION

Switch 8WDM02Gi is a cost-effect high performance 8WDM Bi-Directional + 2G(1*TX+1*SFP slot) ports 10/100/1000 Mbps Ethernet management switch with Broadcom solution. This switch supports remote management function by SNMP, Http and Telnet operations. Switch 8WDM02Gi supports lots of functions for a L2 switch management, e.g. 802.1Q VLAN, 802.1x Port Security, Rate Control, Port Configuration, Port Mirroring, Port Statistics, QoS functions. Switch 8WDM02Gi is a powerful L2 management switch with compact design for fiber-optic Ethernet network.

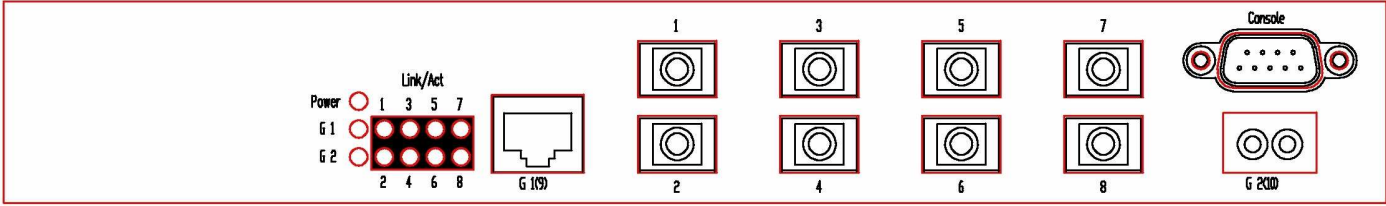
Features

- ☐ 8* WDM Bi-Directional ports (100Mbps/Full duplex) in a small 9" housing
- ☐ One 10/100/1000-TX and one 1000Base SFP slot ports for gigabit connections
- ☐ Support out-band console and in-band SNMP/Http/Telnet management interface
- ☐ Support Https web security function
- ☐ Support Specify the service and IP address to control switch for management
- ☐ Support Ping deny function for security
- ☐ 4 priority queues are supported on each port for QoS application
- ☐ Support IEEE 802.1p Class of Service with 4-level priority queuing
- ☐ Support port-based VLAN & 802.1Q VLAN & QinQ
- ☐ Support protected port function
- ☐ Support static Mac address access limit on port
- ☐ Support Limited Mac address number on port
- ☐ Support IEEE 802.1x port security function
- ☐ Support IEEE 802.1w Rapid Spanning Tree function
- ☐ Support IEEE 802.3ad LACP link aggregation compliant
- ☐ Support ingress/egress rate control on port (64K ~ 1Gbps)
- ☐ Support broadcast/flooding traffic control
- ☐ Support IP Multicast with IGMP snooping and MVR function
- ☐ Support Loopback detection function
- ☐ Support DHCP client function
- ☐ Support RMON 1,2,3,9
- ☐ Support remote port configuration setting and statistics monitoring
- ☐ Support Text configuration download and upload

SPECIFICATION

Ports	8* WDM Bi-Directional ports (100Mbps/Full duplex) 1* 10/100/1000-TX and 1* 1000Base SFP ports for gigabit connections
Console Port	DB9 console port
Dimensions	250W x 117D x 37H mm
19" Rack-Mount	Option, with kits
Filter & Forwarding Rate	Full line speed
Transmission method	Store-and-forward
Packet Buffer	256K Bytes
Mac Table Size	8K
Max Packet Size	1536 bytes
Flow Control	Back pressure for half duplex, IEEE802.3x for full duplex Auto detect Enable/Disable state
Management	Out-band : Console (Command Line Interface) In-band : SNMP/Telnet/Http/Https
Access Control	Specify the service and IP address for management
Ping Deny	Yes,ICMP Blocking
DHCP Client	Yes
SNMP agent	Version. v1 , v2c Support MIB II(Interface), Bridge MIB, Ether-like MIB, Private MIB
RMON	Groups 1, 2, 3, 9
VLAN	Port-based VLAN, 802.1Q VLAN with 256 co-current groups maximum from 4094 VLANs
Q in Q	Yes
Protected Port	Yes
Trunking	3 groups, two for FE .ports, one for GE ports ,Support LACP function
QoS	Four priority queues per port, Port-based & 802.1p tagged-based / ToS/ DiffServ priority operation
Spanning Tree	Support IEEE 802.1w Rapid Spanning Tree
Port Mirror	Yes, for Egress/Ingress packets, support DA/SA filtering function
Static Mac ID Access Limit	Yes, Limit on port
Dynamic Mac ID Limit	Yes, Limit Mac ID number on port
IEEE 802.1x	Yes, Support Transparent and Authentication modes
Rate Control	Yes, Limit on port for both Ingress/Egress traffic from 64Kbps to 1Gbps
Storm Control	Yes, for broadcast/flooding traffic control
IP Multicast	Yes, Support IGMP Snooping with Groups limit per port and MVR function
Software Upgrade	Out-band: Xmodem, In-band: TFTP
Text Configuration	Yes, for easy edit
LED Display	Per Port : Link/Activity Per Device : Power
Input Power	100~240VAC, 50/60 Hz
Environmental Temperature	0 ~ 40 °C
Humidity	10% ~ 90% (non-condensing)
Standards	IEEE802.3(10BaseT Ethernet), IEEE802.3u(100Base Fast Ethernet), IEEE802.3ab(1000BaseT), IEEE802.3z(1000Base) IEEE802.1D, IEEE802.1P, IEEE802.1Q, IEEE802.1x

Front Panel



Order Information

Model Name	Description
Switch 8WDM02Gi-A15	8*100Base WDM Bi-Directional(TX1550nm/15km) + 2G(1*TX+1*SFP slot) ports Management switch.
Switch 8WDM02Gi-B15	8*100Base WDM Bi-Directional(TX1310nm/15km) + 2G(1*TX+1*SFP slot) ports Management switch.
SFP Transceiver	Description
mGBIC-SX	Multi-Mode,1000Base-SX ,up to 550m reach
mGBIC-LX	Single-Mode,1000Base-LX ,up to 10km reach
mGBIC-WDM-A10	Bi-Directional SFP ,GbE/1xFiber Channel (TX1550nm/10km)
mGBIC-WDM-B10	Bi-Directional SFP ,GbE/1xFiber Channel (TX1310nm/10km)
mGBIC-WDM-A20	Bi-Directional SFP ,GbE/1xFiber Channel (TX1550nm/20km)
mGBIC-WDM-B20	Bi-Directional SFP ,GbE/1xFiber Channel (TX1310nm/20km)
mGBIC-WDM-A40	Bi-Directional SFP ,GbE/1xFiber Channel (TX1550nm/40km)
mGBIC-WDM-B40	Bi-Directional SFP ,GbE/1xFiber Channel (TX1310nm/40km)