CL-SW-G1008iw-150
L2 – 8X 10/100/1000 copper + 2X 100/ 1G SFP SLOT DD
ipv6 ready | PoE

Description

CL-SW-G1008iw-150 is a cost-effect high performance GigiBIT L2 PoE switch - 8* 10/100/1000Mbps TX ports and 2* SFP ports are supported. This switch supports remote management by SNMP, Http and Telnet interfaces, and local management by console interface. Console interface is supported for some basic settings. CL-SW-G1008iw-150 supports lots of L2 switch functions, e.g. 802.1Q VLAN, 802.1x Port Security, Rate Control, Port Configuration, Port Mirroring, Port Statistics, QoS functions, ... etc. Auto-MDIX function is supported for every TX port of the switch for easy cable connection. SW G1008i-EVP150 is compliant with IEEE802.3af and the pre-standard of 802.3at. The 8* 10/100/1000Mbps TX ports are selectable to provide up to 15.4 or 30 watts power to connecter PoE supported devices.

Features

- 8* RJ45 ports,with10/100/1000Mbps, Full/Half duplex auto-negotiation
- Auto-MDIX and Force MDI / MDIX functions
- 2* SFP sockets, Port 9 and Port 10
- Port 1 ~ Port 8 support PoE function (IEEE802.3af and IEEE802.3at are supported)
- Time Based PoE function
- Out-band console and in-band SNMP/Http/Https/Telnet management interface
- CISCO-like Command Line Interface
- IEEE802.1Q VLAN, 1024 active VLAN maximum with VID 1~4094
- Port-based VLAN & Private VLAN & VLAN Stacking(Q in Q)
- DHCP Relay Option 82
- IP-Port Binding
- IEEE802.3ad LACP for link aggregation
- IEEE802.1x for user authentication, Dynamic VLAN and Guest VLAN are supported
- IGMP snooping and query and MVR(Multicast VLAN Registration)
- 4 priority queues for Port-based, 802.1P QoS operation, with Strict Priority/WRR scheduling
- IEEE802.1d Spanning Tree Compatible & IEEE802.1w Rapid Spanning Tree
- Port rate limit for ingress/egress traffic & Storm Control
- Static MAC address binding / Dynamic Mac address number limit
- Event log and Syslog are supported
- Administrator IP/Subnet limit for security

- Radius Authentication for Management Access

System Specification

Ports	8* RJ45 ports, with 10/100/1000Mbps, Full/Half duplex auto-negotiation and Auto-MDIX and Fource MDI/MDIX function 2* SFP 1000Base-x ports, Port 9 and Port 10
Console Port	DB9 console port
Dimensions	330mm x 254mm x 43mm
Filter & Forwarding Rate	Full line speed
Transmission method	Store-and-forward
Packet Buffer	500K Bytes
Mac Table Size	8K
Max Packet Size	1518 bytes (without tag), 9600 bytes for Jumbo Frame
Flow Control	Back pressure for half duplex, IEEE802.3x for full duplex
PoE Standard	IEEE802.3af & IEEE802.3at
PoE Ports	8 Ports(Port 1 ~ Port 8) Per Port 56V DC, 350mA . Max. 15.4Watts Per Port 56V DC, 600mA . Max. 30Watts
PoE Power Budget	150Watts
Power PIN Assignment	1/2(-), 3/6(+)
PoE Time Based	PoE ON-OFF Control
Management	Out-band : Console (CISCO-like Command Line Interface) In-band : SNMP/Telnet/Http/Https

	Administrator IP/Subnet limit is supported. Radius Authentication for Management Access(Telnet/Http)
DHCP	DHCP Client / Relay / Option 82 functions
SNMP agent	Version. 1, 2c Support MIB II(RFC1213), Bridge MIB (RFC 1493), VLAN MIB (802.1Q, RFC2674), Private MIB
VLAN	IEEE802.1Q VLAN with 1024 co-current groups maximum from 4094 VLANs Port-based VLAN & Private VLAN & Q in Q
Trunking	Support up to 8 trunks using either static or dynamic trunking(LACP)
QoS	Four priority queues per port for Port-based & 802.1p tagged-based QoS Strict Priority/WRR scheduling
Spanning Tree	IEEE802.1d Spanning Tree Compatible & IEEE802.1w Rapid Spanning Tree
Port Mirror	Yes
IP-Port Binding	Yes
Static Mac ID Access Limit	Yes, Limit on port
Dynamic Mac ID Number Limit	Yes
IEEE 802.1x	Transparent and Authentication modes Dynamic VLAN & Guest VLAN are supported
Rate Control	Yes, 1~31 levels, with level is configured between 128Kbps ~ 30Mbps
Storm Control	Yes, for broadcast/flooding/multicast traffic control
IP Multicast	Yes, IGMP Snooping(256 Groups Max.) / query and MVR function

Software Upgrade	Out-band: Xmodem, In-band: TFTP/Http/Https
Configuration Down/Upload	Yes
Text Configuration	Yes
Event and Syslog Log	Yes
LED Display	Per Port : Link/Act , PoE Act Per Device : Power, System
Input Power	100~240VAC, 50/60 Hz
Power Consumption	16Watt Max.when PoE Disable
Environmental Temperature	Operating: 0 ~ 50 ℃ / Storage : -20℃ ~ 70 ℃
Humidity	10% ~ 90% (non-condensing)
Standards	IEEE802.3(10BaseT Ethernet), IEEE802.3u(100Base Fast Ethernet), IEEE802.3ab(1000BaseT), IEEE802.3z(1000Base),IEEE802.3x IEEE802.1D, IEEE802.1w, IEEE802.1P, IEEE802.1Q, IEEE802.1x IEEE802.3ad, EEE802.1ad

LED Specification

LED	STATUS	CONDITION
Power	Lights(Green)	System is receiving power.
System	Lights(Green)	System is ready
Link / Act	Lights	Link is ready 1000Mbps : Green
	Flashing	Data packets being received or sent.

Packaging Specification

- One Switch
- One AC power cord
- One console cable
- Two rack-mount kits and screws(**Optional**)
- CD-ROM User's manual
- Rubber feet