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10ports PoE full Gigabit intelligent management Ethernet Switch

Product Specification

Management	Fast Ring	30W PoE/PoE+	+75℃ / -40℃	6KV Lighting Protection	Industrial Design	1000M Gigabit
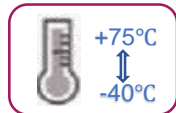
Model：OL-GS1110P

◆8x RJ45 10/100/1000Mbs Base-T Ethernet port(PoE port);

◆1 x RJ45 10/100/1000Mbs Up-link +1 x SFP port

◆Full Gigabit, small port access and solution.

◆Support VLAN, QoS, Broadcast Storm Suppression, Make network more stable

◆Each PoE port support IEEE802.3 af/at standard，could provide max 30W power.

◆Support WEB management，could mange switch by Web visual interface. Configure flexible, user-friendly.

◆Fan-free mute design eliminates noise nuisance for customers while reducing power consumption

◆Satisfy intelligent security, intelligent building, intelligent guard, intelligent campus, intelligent park lot and other application scenarios.

◆Working environment：Working temperature-40~75℃   Storage temperature-40~85℃

◆IP40 level of protection，High strength metal case。

◆IEEE802.3/3u/3ab/3z

Product Overview

OL-GS1110P is a full Gigabit management switch, adopt maturity technology and open network standard. Suitable for Low temperature and high temperature environment, anti-electromagnetic, salt-spray proof, anti-trembling. Support box, desktop, wall mounting, DIN rail … . Specific to industry 4K HD huge frame interface and different scenarios, from access, convergence to small network core, could provide high-efficiency, reliable and rapid data transmission solutions.

Product Typical Application

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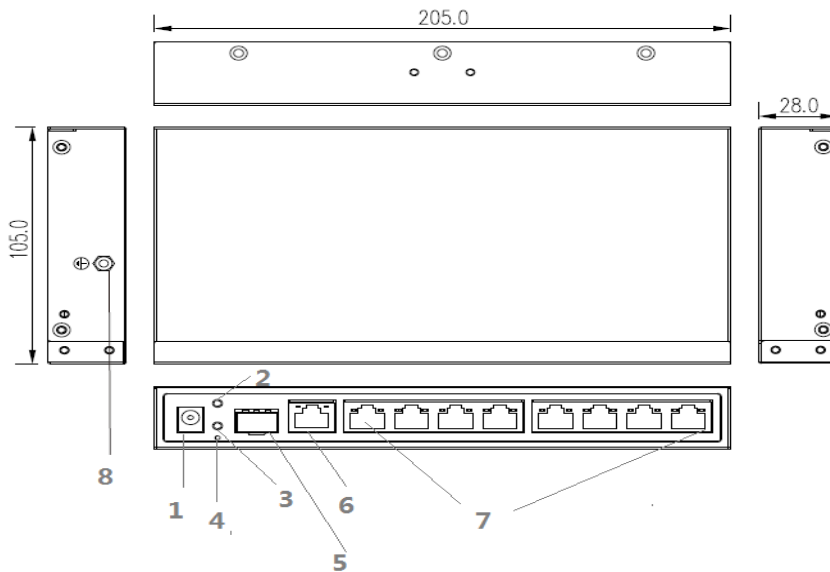
1. Power Socket

2. SFP Fiber indicator

3. Power indicator

4. Reset

5. SFP Fiber port

6. RJ45

7. 4 x GE Port(PoE port)

8. Grounding screw

Product Spec

Model	OL-GS1110P
Hardware properties	
Port	8 x PoE 10/100/1000M auto adaptive, 1x RJ45 GE Up-link port , 1 x SFP Fiber port
Input Voltage	45-57V
Power consumption	≤120W
PoE Output	G1-G9，RJ45 8 core
PoE line sequence	1/2 wires are positive（+）, 3/6 wires are negative（-）, End-span
PoE voltage/Current	54V/2.2A
PoE port output power	Single port output power≤30W. Global PoE≤120W
Transmission distance	Pair-Twist：100m(standard CAT5/CAT5E/CAT6) Single-Mode optical cable：1310nm 20km 1310nm 40km 1310nm 60km 1310nm 80km Multimode optical cable ： 850nm 2km 1310nm 5km
Packet forwarding rate	14.88Mpps
Back of bandwidth	20Gbps
Cache	1.5M
Exchange mode	storage forwarding
MAC Address Table	2K
Working temperature	-40~75℃
Storage temperature	-40~85℃
Operating Humidity	5%~95% ,no condensation
Dimension(L*W*H）	205mm*105mm*28mm
Install method	Desktop , DIN rail, Wall-mounting, Rack
Level of protection	IP40 High strength metal
Weight	≤1kg

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Software properties

Port properties	Support half duplex, full duplex, auto-negotiation
	Support MDI/MDI-X
Way Forward	Store and Forward
Ethernet properties	Support port automatic energy-saving
	802.1p,802.1Q
	Support RPS
	Support Cable diagnosis
Flow control	Support IEEE802.3x flow control
Storm control	Support broadcast storm control
Port statistic	Support port flow and type statistic
Port mirror	Support port –based mirror
Port line rate	Support limit the speed of incoming/outgoing message traffic
MAC visit control	Support MAC address learning and aging, support max 4k address table.
QoS	Support 802.1p,DSCP priority
	Support 4 queues for each port
	Support WRR, HQ-WRR schedule
Config management	Support save configuration, not erase when power failure.
	Support import, export configuration
	Support restore factory settings
Reliability	Support upgrade on line
System management	Support WEB config
	Support SNMP
	Support FTP,TFTP load and download
PoE management	Support Power global control
	Support PoE enable and disable
	Support single port 30W output and port output priority

Standard

Ethernet Standard	IEEE802.3(Ethernet),IEEE802.3u (100Base-TX和100Base-FX), IEEE802.3x (Flow control),IEEE802.3ab (1000Base-T) 802.3af(Ethernet PoE standard），802.1at(Ethernet PoE standard）
EMC	EN61000-4-2（ESD）contact discharge±4KV，Air discharge±8KV IEC61000-4-5 Lightning 6KV EN61000-4-3（RS）anti-electromagnetic
Level of protection	IP40 High strength metal
Certificate	FCC，ROHS

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Port and LED definition

Port Definition

Silkscreen	Definition	Description
G1~G8	PoE Gigabit	10/100/1000Mbps RJ45, Connect monitor devices , PoE port
G9	Uplink port	10/100/1000Mbps RJ45
G10	Uplink port	SFP port
DC IN	Power Socket	Power supply port
RST	Reset	Restore factory settings

LED indication

Silkscreen	Definition	Description
PWR	Power indicator(Green)	On: The switch is powered on Off: The switch is powered off or power supply is abnormal
G10	SFP indicator(Green)	On: Fiber connect properly Off: Fiber not connect
G1-G8	Link/Act(Green)	On: A device is linked to the corresponding port and running property Flashing:transmitting or receiving data Off: No device is linked to the corresponding port
G1-G8	PoE indicator(Yellow)	On: The port is supplying power normally Off: Not providing PoE power on the port

Packing list

Parts	Quantity
Switch	1
Adapter	1
AC power cord	1
Mounting brackets and the fittings	1*2
Quick Start Guide	1
Warranty Card	1

*Optional Accessories：DIN Rail