MokerLink

48-Port Gigabit Series Switch

User Manual

G482GS / POE-G482GS / POE-G484GSM

1 Product introduction

The 48 port gigabit PoE / Non-PoE series switches has simple and convenient installation and maintenance means and rich business characteristics to help users create a safe and reliable high-performance network. This series products can be widely used in data exchange fields such as home network, security monitoring and wireless networking.

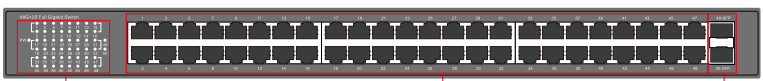
Product Characteristic

- PoE series switches support IEEE802.3af/at/bt standard, automatically detect and supply power for PoE devices.
- Support power supply for PoE devices such as wireless access point (AP) and network monitoring camera through Cat 5 / Cat 6 Ethernet cable
- Flow control mode: full duplex adopts IEEE 802.3x standard, half duplex adopts back pressure standard.
- Support port auto flip(Auto MDI/MDIX).
- Support port lightning protection (Level II lightning protection requirements).
- Store and forward switching mechanism is adopted.

2 Product display

G482GS 48*10/100/1000Mbps RJ45 + 2*1000Mbps SFP

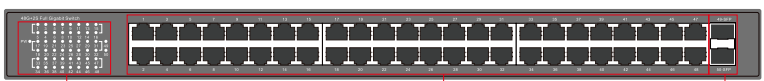
Front



Indicator 48*10/100/1000Mbps RJ45 PoE 2*1000Mbps SFP

POE-G482GS 48*10/100/1000Mbps PoE + 2*1000Mbps SFP

Front



Indicator 48*10/100/1000Mbps RJ45 PoE 2*1000Mbps SFP

POE-G484GSM 48*10/100/1000Mbps PoE + 4*1000Mbps SFP

Front

48*10/100/1000Mbps RJ45 PoE 4*1000Mbps SFP

Back (For G482GS)

Grounding screw AC power interface and switch AC power interface and switch

Back (For POE-G82GS / POE-G484GSM)

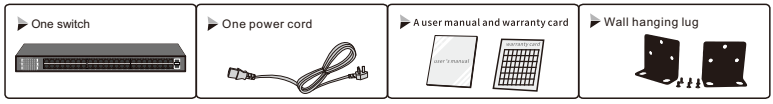
Grounding screw

AC power interface and switch

Indicator definition

Indicator		Sate	Description
Power indicator:PW		on	Power on
		off	Power off
Network indicator:1~48	orange	on	The corresponding port works at 10 / 100 / 1000M
		off	No data transmission on the corresponding port
	green	on	The corresponding port works at 10 / 100M
		off	No data transmission on the corresponding port
SFP indicator:49~50		on	SFP on

Product supporting list



⚠ **PS:**SFP models do not include optical modules by default. If you find any shortage or damage of accessories, please contact us in time

3 Login Management *(For POE-G484GSM)*

Thís content is only applicable to managed type of products, please read this help information for the first application

Web Management

1. Connect the device and PC, to ensure that the device initialization is complete.

2. Configure the IP address of the PC to be in the same network segment as the switch default IP address.

3. Enter "http://192.168.2.1" in the address bar of the opened PC browser, then press "enter" to the web management login interface, input the default user name "admin" and password "admin", and press "enter".

Console Port Management

1. Connect the PC and the switch console port with the console cable.

2. Start the terminal simulation software, create a connection, select a serial port, and set communication parameters in consistent with the default configuration of the switch's console port, as listed below:

Transmission rate: 115200

Dáta bits: 8

Parity bit: None

Stop bits: 1

4 Connecting Equipment

Network Cable

Pls use Cat5 and above network cable.

Optical Fiber

1. Optical fibers must be used with the optical modules.

2. Fiber bending radius must not be less than 40mm.

Power Cable

1. Distance between power cable and network cable should be more than 10cm.

2. The AC power please use the local AC power cable.

3. The DC power please pay attention to the positive and negative electrodes.

Flow control mode: None

5 Technical parameter *(For G482GS / POE-G482GS)*

Model	G482GS	POE-G482GS
Product mame	48 Port Gigabit Ethernet Switch with 2 Port SFP	48 Port Gigabit PoE Switch with 2 Port SFP
Fixed Port	48*10/100/1000Base-TX Rj45 port 2*1000M SFP	48*10/100/1000Base-TX PoE port(Data/Power) 2*1000M SFP
PoE Ports	/	1-4 port supports IEEE802.3af/at/bt, max 90W 5-48 port supports IEEE802.3af/at, max 30W
PoE Pin	/	IEEE802.3 af/at: 12+ 36- IEEE802.3 af/at/poe++/bt: 12+ 45+ 36- 78-
PoE Power	/	Max 400W
Bandwidth	128Gbps	
Packet Forwarding	74.40Mpps	
MAC	8K	
Buffer	4.1M	
Transmission Distance	10BASE-T£ Cat3,4,5 UTP(¡250 meter) 100BASE-TX : Cat5 or later UTP(150 meter) 1000BASE-TX : Cat6 or later UTP(150 meter) SFP: 1000M single and multimode optical module with maximum distance ≤ 120km (depending on the optical module))	
LED Indicator	PW:Power LED 1-48:PoE work indicator 49-50:SFP connection indicator Port:(Orange=PoE LED, Green=LAN Link LED)	
Power	Built-in 2x power AC100-240Vac 50-60Hz 60W	Built-in power AC100-240V 7.6A max 400W
Operating Temperature Humidity	–10 - 55°C, 5% - 90% RH Non coagulation	
Storage Temperature Humidity	–40 - +75°C, 5% - 95% RH Non coagulation	
Product /Packing sizeL*W*H	440mm*290mm*45mm 515mm*375mm*95mm	
N.W/G.Wkg	4.4kg/5.2kg	
Lightning Protection level	Rack-mount (optional machine hanger spare parts)	
Installation	6KV 8/20us Ip30	
Certificate	3C ; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;	
Warranty	Whole device for 1 year(Accessories not included)	

Technical parameter *(For POE-G484GSM)*

Model	POE-G484GSM
Product mame	48 Port Gigabit Managed PoE Switch with 4 Port SFP
Fixed Port	48*10/100/1000Base-TX PoE port 4*1000M SFP 1*console port
PoE Ports	1-4 port supports IEEE802.3af/at/poe++/bt, max 90W PoE out 5-48 port supports IEEE802.3af/at, max 30W/port, PoE out
PoE Pin	IEEE802.3 af/at: 12+ 36- IEEE802.3 af/at/poe++/bt: 12+ 45+ 36- 78-
PoE Bridge	Max 600W
Bandwidth	256Gbps
Packet Forwarding	74.88Mpps
MAC	16K
Buffer	12M
Transmission Distance	10BASE-T £ Cat3,4,5 UTP(¡250 meter) 100BASE-TX : Cat5 or later UTP(150 meter) 1000BASE-TX : Cat6 or later UTP(150 meter)
LED Indicator	PWR: Power LED SYS: (System LED 1~48 Port:(Link LED;1000M LED;PoE LED 49~52:(SFP LED)
Power	Built-in power AC 100-240Vac 50-60Hz 7.6A max 600W
Operating Temperature Humidity	-10 - +55°C, 5% - 90% RH Non coagulation
Storage Temperature Humidity	-40 - +75°C, 5% - 95% RH Non coagulation
Product /Packing sizeL*W*H	440mm*290mm*45mm 515mm*375mm*95mm
N.W/G.Wkg	5.5kg/6.3kg
Lightning Protection level	Rack-mount (optional machine hanger spare parts)
Installation	6KV 8/20us Ip30
Certificate	3C ; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;
Warranty	Whole device for 1 year(Accessories not included)

Software parameter *(For POE-G484GSM)*

Network Protocol	IEEE 802.3x IEEE 802.3、 IEEE 802.3u、 IEEE 802.3ab、 IEEE 802.3z IEEE 802.3ad IEEE 802.3q、 IEEE 802.3q/p IEEE 802.1w、 IEEE 802.1d、 IEEE 802.1S、 IEEE 802.1X
MAC	Support 16K MAC address,auto aging and learning
VLAN Configuration	Support port-based VLAN Up to 4096 VLANs Support Voice VLAN, can configure Qos for voice data 802.1Q
Spanning Tree	STP(Spanning tree protocol) RSTP(Rapid spanning tree protocol) MSTP(Rapid spanning tree protocol) EPPS(Ring network protocol) EAPS(Ring network protocol) 802.1x
Port Aggregation	Support 8 groups of aggregation, each group support up to 8 ports
Port Mirroring	Support many-to-one port mirroring
Loop Guard	Support loop protection, real-time detection, quick alram, concise location, Intelligent blocking, automatic recovery
Port Isolation	Support downlink ports isolate from each other and communicate with uplink port as well
Flow Control	Half duplex based on Back pressure; Full duplex based on PAUSE frame
Speed Limitation	Bandwidth management based on port input and output
Multicast Control	IGMPv1/2/3 and MLDv1/2 Snooping GMRP protocol registration Multicast address management, multicast VLAN, multicast routing port, static multicast address
DHCP	DHCP Snooping
Storm Suppression	Support unknown unicast, multicast , unknown multicast, broadcast type storm suppression; Storm suppression based on bandwidth adjustment and storm filtering
Security	Support User port+IP address+MAC address ACL based on IP, MAC Support security properties of number of MAC address based on port
QOS	802.1p port queue priority algorithm Cos/Tos,QOS remark WRR(Weighted Round Robin), weighted priority rotation algorithm WRR、 SP、 WFQ priority scheduling modes
Cable Sequence	Auto-MDIX; auto detection on straight-through and cross-over cable
Negotiation Mode	Port support auto negotiation function(self-negotiation transmission rate and duplex mode)
System maintenance	Upgrade package upload System log viewing WEB recovery factory configuration

Attentions

To avoid equipment damage and personal injury caused by improper use, please follow the precautions as below:

¦Keep the status of power-off during installation, and wear anti-static wrist to ensure good contact between anti-static wrist and skin to avoid the hidden danger.

¦The switch can only work normally under the correct power supply. Please confirm that the power supply voltage is consistent with the voltage marked by the switch.

¦Before switch on, please make sure that it will not cause overload of the power circuit, so as not to affect the normal operation of the switch or even unnecessary damage.

¦In order to avoid the danger of electric shock, do not open the shell up when the switch works, even in the case of no live current, do not open.

¦Before cleaning the switch, pull out the power plug. Do not wipe it by using wet fabrics or liquid.

¦Install device in the rack-mount regularly from top to bottom, incase of over-load installation.

¦Don't place other heavy objects on the surface of the switch to avoid accidents.

Get help or claim warranty

Visit Here:
http://www.mokerlink.com/support/
or Scan QR Code

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