MokerLink

Model: POE-G083GS

Full Gigabit Port

IEEE 802.3af/at Support

QoS Support

PoE Watchdog

Port-based VLAN

Plug & Play

Fiber Connectivity

Fanless Quiet Design

11-Port Gigabit Ethernet Switch with 8-Port PoE

Introduction

The 11-port Gigabit PoE switch, uses high-quality, high-speed network IC and the most stable PoE chip. It can provide seamless connectivity on 10/100/1000M Ethernet network. The latest AI function is integrated into the switch - PoE Watchdog and QoS The PoE power supply port automatically detects and supplies power to the powered devices that comply with the IEEE802.3af or IEEE802.3at standards. Non-poe devices do not automatically detect power supply and only transmit data.

Key Features

- 8*10/100/1000M POE ports + 2* gigabit RJ45 ports + 1*gigabit SFP port
- Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3ab ,IEEE802.3z IEEE802.3x standards
- Ethernet port supports 10/100/1000M adaptive
- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard
- Support PoE Watchdog and QoS function

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- Support port auto-flip（Auto MDI/MDIX）
- Automatically supplied to adaptive devices
- Panel indicators monitor operating status and help with fault analysis
- Support for VLAN mode, Default mode and Extend mode

Application Environment

- Metro optical broadband network: data network operators such as telecommunications, cable TV, and network system integration,etc.
- Broadband private network: suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries
- Multimedia transmission: integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications
- Real-time monitoring: simultaneous transmission of real-time control signals, images and data

Secification

I/O Interface	
Power	Input: AC 100-240V, 50/60Hz
Ethernet	8 *10/100/1000M PoE Ports 2* Gigabit RJ45 Uplink Ports 1* Gigabit SFP Uplink Ports
Performance	
Switching Capacity	12Gbps
Throughput	8.92Mpps
Packet Buffer	448Kb
MAC Address	2K
Jumbo Frame	2046bytes
Transfer Mode	Storage & Forward
MTBF	100000 Hours
Standard	
Network Protocols	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3ab(1000Base-TX) IEEE802.3z(1000Base-FX) IEEE802.3x (Flow control)
PoE Protocol	IEEE802.3af （15.4W） IEEE802.3at （30W）

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Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD)、 EN61000-4-4 (EFT)、 EN61000-4-5 (Surge)
Network Medium	10Base-T : Cat3、4、5 or above UTP(≤100m) 100Base-TX : Cat5 or above UTP(≤100m) 1000Base-TX : Cat5 or above UTP(≤100m)
Optical Media	Multimode fiber : 50/125, 62.5/125, 100/140μm Single mode fiber: 8/125, 8.7/125, 9/125, 10/125μm
Protection	
Security Certificate	CE、FCC、RoHS
Environment	
Working Environment	Working Temperature：-20~50°C Storage Temperature：-40~85°C Working Humidity ： 10%~90%，non-condensing Storage Temperature：5%~90%，non-condensing Working Height：Maximum10,000 feet Storage heigh：Maximum 10,000 feet
Indication	
LED Indicators	PWR(power supply), 1-11 ACT（Link&Data）
PWR	Lighting：Powered Un-Light：No Power
1-11 ACT（Link&Data）	Lighting：Connecting Flashing：Data Transmit Un-Light：Disconnect
DIP Switch	Default ,Extend
Extend	Port isolation mode. In this mode, the PoE ports (1-8) of the switch cannot communicate with each other, and can only communicate with the UP-link port
Default	Normal mode, all port can communicate with each other, the transmission distance is within 100 meters
AI Fuction	PoE Watchdog, QoS(on Port 1-2)
Mechanical	
Structure Size	Product Dimension (L*W*H): 200*118*44mm Package Dimension (L*W*H): 230*190*70mm N.W：0.7Kg G.W：0.95kg
Power Voltage	Input voltage: AC 100-240 V 50-60Hz Supply power：52V /2.3A 120W
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pc, Brackets 1 pair