



MokerLink 2G08110GS 8 Port 2.5G Unmanaged Ethernet Switch Instructions

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MokerLink

MokerLink 2G08110GS 8 Port 2.5G Unmanaged Ethernet Switch



Product Information

Specifications

- Model: 2G08110GS
- 8 x 2.5G Ports
- 1 x 10G SFP+ Uplink
- Fanless & Quiet Design
- Wall Mountable
- Plug and Play

Introduction

The 2G08110GS is an 8-Port 2.5G and 1-Port 10G SFP+ Unmanaged Ethernet Switch designed for hassle-free and quiet operation. It features a compact design and can be easily wall-mounted. The switch supports plug and play functionality, making it easy to set up and use.

Key Features

- 8-Port 2.5G and 1-Port 10G SFP+ Unmanaged Ethernet Switch
- Hassle-Free Fanless & Quiet Design
- Wall Mountable
- Plug and Play

Application Environment

The 2G08110GS Ethernet Switch is suitable for use in various networking environments, including small offices, home offices, and residential setups.

Specifications

I/O Interface

- Power: DC 2.1
- Ethernet: 8 x 2.5G RJ45 ports, 1 x 10G SFP+ port

Performance

- Bandwidth: 60Gbps
- Packet Buffer Memory: 44.64Mpps
- MAC Address Table: 4K
- Jumbo Frame: 12Kbytes
- Forwarding Mode: Store and Forward
- MTBF: 100,000 Hours

Network Parameters

Network Protocols: IEEE802.3 (Ethernet), IEEE802.3u (Fast Ethernet), IEEE802.3ab (Gigabit Ethernet), IEEE802.3bz (5G Ethernet), IEEE802.3z (Gigabit Ethernet), IEEE802.3ae (10G Ethernet), IEEE802.3x (Flow control)

Industry Standard

EMI: FCC Part 15, CISPR (EN55032) class A

EMS: EN61000-4-2 (ESD), EN61000-4-5 (Surge)

Network Medium

10Base-T: Cat3, 4, 5 or above UTP/STP (100m)

100Base-TX: Cat5 or higher UTP/STP (100m)

1000Base-TX: Cat5 or higher UTP/STP (100m)

Optical Fiber Medium: Multimode optical fiber:

50/125, 62.5/125, 100/140um

Single-mode optical fiber: 8/125, 8.7/125, 9/125, 10/125um

Certification

Safety Certificate: CE, FCC, RoHS

Working Environment

Function Indication:

- PWR (Power Indicator): On (Powered on), Off (Powered off)
- 1-8 Network Port Yellow Indicator: On (2.5G Link connect normal), Off (Link off), Flashing (Data transmitting)
- 1-8 Network Port Green Indicator: Lighting (Connecting), Flashing (Data Transmit), Un-Light (Disconnect)

Physical Specifications

- Product Size: 190*100*28mm
- Package Size: 245*190*60mm
- Product Weight: 0.49KG
- Packing Weight: 0.71KG

Product Usage Instructions

Installation

1. Choose a suitable location to mount the switch on the wall.
2. Use screws and wall anchors (not included) to securely mount the switch.
3. Connect the power adapter to the switch and plug it into a power outlet.
4. Connect your Ethernet devices to the RJ45 ports or the SFP+ port using appropriate cables.

Configuration

The 2G08110GS switch is an unmanaged switch, which means it does not require any configuration. It is designed for plug and play operation, allowing you to simply connect your devices and start using the network

FAQ

Q: Can I connect multiple switches together to expand my network?

A: Yes, you can connect multiple switches together using Ethernet cables to expand your network. Simply connect one end of the Ethernet cable to one of the RJ45 ports on each switch and the other end to another switch.

Q: Can I use this switch with both 2.5G and 10G devices?

A: Yes, the 2G08110GS switch supports both 2.5G and 10G devices. You can connect 2.5G devices to the RJ45 ports and 10G devices to the SFP+ port.

Q: What is the maximum distance supported by the optical fiber medium?

A: The maximum distance supported depends on the type of optical fiber used. For multimode optical fiber, the maximum distance is typically up to 550 meters, while for single-mode optical fiber, it can reach distances of up to several kilometers.

Introduction

The 8-Port 2.5G and 1-Port 10G ethernet switch adopts the network chip solution of high quality and high speed. The product is designed to be fan-free and quiet, which completely solves the problem of loud noise of small switches deployed in the office environment. The switch has 8* 2.5G RJ45 ports and 1* 10G SFP+ port, providing seamless connection to 10/100/1000M/2.5G Ethernet for easy management and maintenance. The switch can be widely used in security network video surveillance, hotels, campuses, and network engineering of small and medium-sized enterprises.



Key Features

- 8 * 2.5G RJ45 ports + 1* 10G SFP+ port
- Support IEEE 802.3, IEEE802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3ae, IEEE 802.3x
- Ethernet port support 10M/100M/1000M/2.5G adaptive
- Supports automatic port rollover(Auto MDI/MDIX)
- Panel indicators monitor working status and assist in fault analysis
- Flow control mode, full duplex adopts IEEE802.3x standard, half duplex adopts Backpressure standard
- Support lightning protection: common mode 6KV, Electrostatic air 8KV, contact 6KV

Application Environment

- Metropolitan area optical fiber broadband network: telecom, cable TV, network system integration, such as number, according to network operators
- Broadband private network: applicable to financial, government, oil, electric power, public security, education and other industries private network
- Multimedia transmission, image, voice and data integrated transmission, for remote teaching, meeting TV, video phone and other applications
- Real-time monitoring: real-time control signal, image and data transmission

Specification

I/O Interface	
Power	DC 2.1
Ethernet	8*2.5G RJ45 ports 1*10G SFP+ port
Performance	
Bandwidth	60Gbps
Packet Buffer Memory	44.64Mpps
MAC address table	4K
Jumbo frame	12Kbytes
Forwarding mode	Store forward
MTBF	100000 Hours

Network parameter	
Network Protocols	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab(Gigabit Ethernet) IEEE 802.3bz (5G Ethernet) IEEE 802.3z (Gigabit Ethernet) IEEE 802.3ae (10G Ethernet) IEEE802.3x (Flow control)
Industry standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD)、 EN61000-4-5(Surge)
Network medium	10Base-T: Cat3, 4, 5 or above UTP/STP(≤100m) 100Base-TX: Cat5 or higher UTP/STP(≤100m) 1000Base-TX: Cat5 or higher UTP/STP(≤100 M)
Optical fiber medium	Multimode optical fiber: 50/125, 62.5/125, 100/140um Single-mode optical fiber: 8/125, 8.7/125, 9/125, 10/125um

Certification	
Safety Certificate	CE, FCC, RoHS
Environment Standard	
Working Environment	Operating temperature: -10~50°C Storage temperature: -40~70°C Operating humidity: 10%~90%, no condensation Storage humidity: 5%~90%, no condensation
Function indication	
PWR(Power indicator)	On: Powered on Off: Powered off
1-8 Network port yellow indicator	On: 2.5G Link connect normal Off: Link off Flashing: data transmitting
1-8 Network port green	Lighting: Connecting , Flashing: Data Transmit , Un-Light: Disconnect
Physical specifications	
Product Information	Product size: 190*100*28mm Package size: 245*190*60mm Product weight: 0.49KG Packing weight: 0.71KG
Voltage	Adapter input voltage: AC 100-240V Switch input voltage: DC 12V/2A
Packing List	Switch 1pc Quick Start Guide 1pc Power adapter 1pc

