ALL-SGI8108v2

Industrial unmanaged 8 Port Gigabit Switch with 2x SFP

USER MANUAL

Product Overview

Product Description

The ALL-SGI8108v2 is a full gigabit industrial Ethernet fiber switch, It is designed to meet industrial fields and systems and can operate stably for a long time in harsh environments. ALL-SGI8108 has 8*10/100/1000M adaptive RJ45 ports and 2*1000M SFP fiber slot ports, all of which support full line rate forwarding.

The ALL-SGI8108v2 industrial Ethernet switch has excellent industrial field environment adaptability (including mechanical stability, climate adaptability, electromagnetic environment adaptability, etc.), protection level up to IP40, support for dual redundant power supply, low power consumption and no fan Cooling technology, MT BF average trouble-free working time up to 35 years, non-management models, plug and play, no configuration, easy to use. It is suitable for industrial scenes such as intelligent transportation, rail transit, electric power, mining, metallurgy and green energy construction to form a cost-effective and stable communication network.

Feature

● All series support "gigabit Ethernet port and SFP fiber port" combination, high-speed and high- bandwidth connection to meet network requirements of various industrial scenarios.

● Support non-blocking wire speed forwarding

● Support full duplex based on IEEE802.3x and half duplex based on backpressure.

● The host has low power consumption, no fan mute design, aluminum alloy metal shell, excellent heat dissipation, and ensure stable operation of products.

● The equipment fully meets the requirements of CCC, CE, FCC and RoHS safety regulations, and is safe and reliable.

● The user can easily understand the working status of the device through the power indicator (PWR), port status indicator (Link) operation indicator.
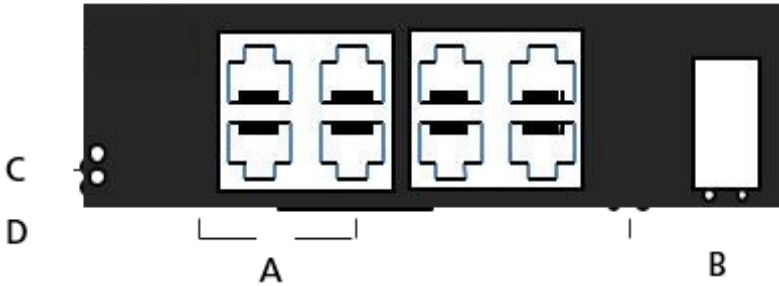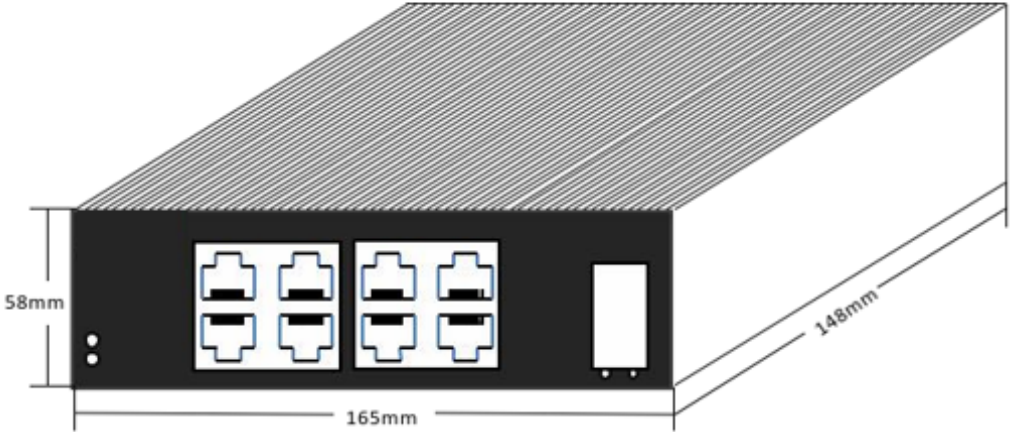
Packing List

Please kindly check the following items:

1 x Industry Ethernet switch

Mounting Kits

1 x User guide

Technical Structure and Port Description

58mm

148mm

165mm

C

D

A

B

A: 1000M RJ45 Port   B: Gigabit SFP Port

D: Power Indicator   D: SYS Indicator

Panel Description

Indicator	Status	Description
System Indicator : SYS	Green LED ON	System work as normal
	Green LED Blink	System work as normal
	Green LED OFF	System abnormal or power off
Link Indicator : Link 10/100Mbps	Yellow LED ON	Data transmission properly
	Yellow LED Blink	Connection is OK and data is being sent and received
	Yellow LED OFF	No connected device
Link Indicator : Link 1000Mbps	Green LED ON	Data transmission properly
	Green LED Blink	Connection is OK and data is being sent and received
	Green LED OFF	No connected device
SFP uplink Indicator :	Green LED ON	Data transmission properly
	Green LED Blink	Connection is OK and data is being sent and received
	Green LED OFF	No data connected

Installation Guide

Installation (Please install to the supported devices) Please confirm the following things before installation:

1. If the RJ45 port meets the power requirement of the connecting devices.

2. If the port standard requirement and power supply matches tith the power receiving device (1/2+, 3/6-(End-span), 4/5+, 7/8-(Mid-span))

3. If the output power of the matched power adapter is compatible with the specification in the label of the switch

Please install the switch according to the following steps:

1.   Put the switch on the surface of a large and stable table, or professional installation rank mount

2.   Connect Positive, Minus and earth terminals as indicators on the power adapter.

3.   Connect the Network devices to the switch port though network cable.

NOTE

1.   Please don't put heavy products on the switch, and please ensure good ventilation environment for the switch.

2.   Please cut off the power first before plugging the power adapter.

POWER

Connect the power cable, plug it into power socket, turn on the power, then the swich will automatically initialize, and LED lights status will display as following:

1.   Except the RJ45 port lights, all the other lights will go through the process of "on-off-on-off", which means the system restoration is successful.

2.   Power LED remains lit.

NoteIf initialization is inconsistent witch the above, please check the power.

ALLNET GmbH Computersysteme declares that the device **ALL-SGI8108v2** is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU. The Declaration of conformity can be found under this link: http://ce.allnet.de

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⚠️ Safety Warnings

For your safety, be sure to read and follow all warning notices and instructions.

- Do not open the device. Opening or removing the device cover can expose you to dangerous high voltage points or other risks. Only qualified service personnel can service the device. Please contact your vendor for further information.

- Do not use your device during a thunderstorm. There may be a risk of electric shock brought about by lightning.

- Do not expose your device to dust or corrosive liquids.

- Do not use this product near water sources.

- Make sure to connect the cables to the correct ports.

- Do not obstruct the ventilation slots on the device.