

# korenix

JetNet 5310G  
Quick Installation Guide v1.0

## Overview

Korenix JetNet 5310G, the revolutionary DIN Rail type industrial Gigabit managed Power over Ethernet Switch is designed with 8 10/100TX PoE injector ports and 2 Gigabit RJ-45 / SFP combo ports for highly critical PoE applications such as real time IP video surveillance, WiMAX systems and Wireless APs. All of the 8 ports of the switch are compliant with both IEEE 802.3af PoE and IEEE 802.3at high power PoE standards and can deliver up to 15.4W and 30W power per port to enable the high-power requiring devices, such as Wireless APs, PTZ and dome network cameras, etc.

### 1.1 Packing List Checking

- ▶ JetNet 5310G
- ▶ DIN Rail installation clip (tighten on the rear panel)
- ▶ DB-9 to RJ-45 console cable
- ▶ CD User Manual

## Hardware Installation

### 1. Powering of the system

The Power input port is located at the bottom side and provides 2 power input ports. The power input port support polarity reverse protection; the Switch won't start if wrong polarity applied. The wiring architecture please refers to below figure.

### Wiring the Power Inputs & Earth Grounding

- 1.1 Insert the positive and negative wires into the V+ and V- contact on the terminal block connector.
- 1.2 Connect the Chassis Grounding to Earth Ground system to obtain electromagnetic immunity to resist lightning, electro static discharge and electric fast transient.
- 1.3 Tighten the wire-clamp screws to prevent the power wires from being loosened.

Notes: To use the UL Listed LPS Power supply with output Rating 46~57V Vdc, minimum 2A currents.

Here, we recommended use DC 48V as the operating voltage.

### 2. Wiring the Relay Output (DO)

The relay output contacts are in the bottom side as shown on below figure. The relay output (DO) is controlled by the pre-defined operating rules. To activate relay output function, please refer to the CD User's Manual for more Relay Output management information.

Note: The relay contact only supports 0.5A current, DC 24V. It is not recommended to apply voltage and current higher than the specifications.

### 3. Wiring the Digital Input (DI)

The Digital Input (D.I.) contacts are in the bottom side of the device as shown in below figure. It accepts one external DC type signal input and can be configured to send alert message through Ethernet when the signal is changed. The signal may trigger and generated by external power switch, like as door open trigger switch for control cabinet.

Note: the DI accepts DC type signal and supports isolated input circuit with Digital High Level input DC 11V~30V and Digital Low Level input DC 0V~10V.

### 4. Connecting the Surge /Lighting protection

There is one screw fixed on the rear side for lighting /surge protect; tighten and wiring to chassis grounding to obtain better surge/ lighting immunity. But, do remember remove the surge grounding screw before insulation/Hi-pot testing. If does not, the protectors may damage during the testing.

- Note: 1. Ensure the Surge/Lighting is well connecting with Chassis Grounding  
2. Remove the Surge /Lighting Screw, before perform Insulation / Hi-pot Testing.

⚠ Never install or work on/with the equipment or the cabling during the period of its lightning activity.

### 5. Mounting the Switch onto the DIN Rail

The DIN Rail clip already tightens on the rear side panel and supports EN50022 Std. DIN Rail.

## Device Management

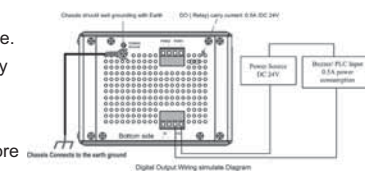
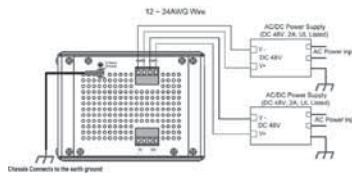
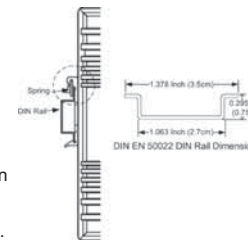
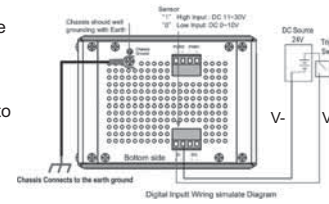
JetNet 5310G Industrial Managed PoE Switch provides both in-band and out-band configuration methods. You can configure the switch via the RS-232 console with the attached console cable.

1. Preparation for console management: Attach the RS-232 DB9 connector to your PC's COM port. Connect the RJ-45 connector to the console port of the JetNet Switch.

Go to Start -> Program -> Accessories -> Communication -> Hyper Terminal  
Give a name to the new console connection.

Choose the COM name and select the correct serial settings. The serial port settings of JetNet Switch are as below: 9600bps, No parity check, 8 Data bits, 1 stop bit

After connected, you will see the Switch login request. Type the username and password and then you can login. The default username is "admin", password is "admin". Follow the manual to configure the software features.



2. Preparation for Web management:

Before you attempt to use the embedded web interface to manage switch operation, verify that JetNet Switch is properly installed on your network and that every PC on this network can access the switch via the web browser.

Launch the web browser (Internet Explorer or Mozilla Firefox) on the PC.

Type http://JetNet Managed Switch\_IP\_Address (The default IP address is 192.168.10.1), then press Enter. The login screen will appear next.

Type in the user name and password and click "OK" button. The welcome page of the Web-Based management interface will appear then. The default user name and password is admin/admin.

At the left column of the web management interface are the software features, where ring column will list the available settings.

For more operating instructions, please refer to the User's manual of JetNet Managed Switch included in the packing or downloadable from the Korenix Website - www.korenix.com.



## Korenix Customer Service

KoreCARE is Korenix Technology's global service center, where our professional staffs are ready to answer your questions at any time.

Korenix global service center's e-mail is KoreCARE@korenix.com

## Korenix Technology Co., Ltd.

Tel:+886-2-89111000

Fax:+886-2-29123328

Business service:sales@korenix.com

Customer service:koreCARE@korenix.com

CPQ000N5310000

Patent No. (Taiwan):

Granted Invention: I 356616

Granted Invention: I 346480

Granted Invention: I 344766

Granted Invention: I 321415

Granted Invention: I 313547

Utility Model: M 339840

Utility Model: M 339841

台灣專利

發明第 I 356616 號

發明第 I 346480 號

發明第 I 344766 號

發明第 I 321415 號

發明第 I 313547 號

新型第 M 339840 號

新型第 M 339841 號