



JetNet 4706 Series Industrial PoE Switch Quick Installation Guide V1.2

Overview

Korenix JetNet 470 series are Industrial Power over Ethernet (PoE) Switches with 4x Fast Ethernet RJ-45 ports with PoE injectors and 2x uplink ports. The uplink ports are 10/100TX ports for the JetNet 4706 or 100FX ports for the JetNet 4706f.

These uplink ports can be used to link to High-End switches, or perform redundant ring functionality to improve network reliability – e.g. for surveillance via IP.

JetNet 4706 series provides comprehensive software features, such as PoE power limit, PoE power scheduling, VLAN, QoS and Rapid Super Ring. The management interfaces include SNMP, Web, Console, Telnet and a powerful and user-friendly Korenix's managing utility under Windows -- JetView.

The JetNet 4706 series can deliver power to PoE Powered Devices (PD devices). This include surveillance cameras, wireless Access Points, VoIP phones, industrial sensors, security card readers or advertisement panels. Typically, this power is up to 15.4w for standard IEEE 802.3af devices or 30w for High Power Device.

Package Check List

- ▶ JetNet Industrial PoE Switch
- ▶ RS-232 DB-9 to RJ-45 console cable
- ▶ Quick Installation Guide
- ▶ Din-rail / Wall Mounting kit



Installation

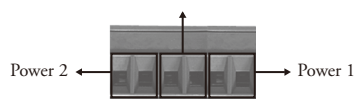
Mount the unit

The DIN-rail clip can be screwed to the rear of JetNet PoE switch to mount it on DIN rail or it can be mounted on a wall.

Power the unit and connect it to the network

1. Connect the PWR1 / PWR2. The unit will power on and the PWR1 / PWR2 LED will blink during the boot up. When the unit is ready, the power LED will turn on.

Alarm Relay Output 1A @ DC 24V



The terminal block accepts 12-24AWG wire. The JetNet 4706 series provides reverse-polarity protection on the power input

2. The input voltage can be between DC 24-55V ; however, the voltage provided will affect the available power through each PoE port. When the input voltage is DC 24V, each PoE port can provide a maximum of 13.53W with DC 22V output. This increases to 29.5W for High Power PD devices when a supply of DC 55V is provided.

3. The alarm relay output of JetNet 4706 series can be configured for various events, such as link or power status. To enable this function, please refer to the user manual.

Notice-1: To use DC 24V power input, please confirm with your PD manufacturer that PD can be powered by DC 24V or less. JetNet PoE switch can ONLY deliver DC 22V through Ethernet when receiving 24VDC power input.

Notice-2: Please confirm with your PD manufacturer that the PD device supports standard IEEE 802.3af with detection and classification resistors.

JetNet PoE switch can ONLY power PD device that follows standard IEEE 802.3af.

Powering the Powered Device

JetNet 4706 series follows the IEEE 802.3af Alternative B mode connector assignment.

The power is provided through pin of 4, 5, 7 and 8 of the RJ-45 port. Please ensure that your powered device (PD) is fully compatible with IEEE802.3af and able to receive power described above, or the PD will not work properly with the JetNet PoE Switch.



Caution: Ensure JetNet 4706 mounted on well heat radiated panel and under 60°C environment during PoE port progress High Power forwarding . High Power PoE feeding will cause system temperature to increase.

Connecting the Fiber (JetNet 4706f)

JetNet 4706f includes 2 fiber ports for Fast Ethernet Fiber uplink or for connection to other Fibre-Optic devices. Two fiber ports of a switch are homogeneous; either both multi-mode (up to 2km) or single-mode (up to 30 km).

ATTENTION



This is a Class 1 Laser/LED product.
Don't look into the Laser/LED Beam.

Device Grounding

There is one grounding screw on the right side of the JetNet 4706 series. Connect the frame grounding of switch to the grounding surface, to ensure safety and prevent electric noise.

Device Management

The JetNet 4706 series Industrial Managed PoE Switch provides both in-band and out-band configuration. You can configure the switch via the RS232 console port with the attached console cable. Or you can remotely manage the switch via network, using Telnet / SSH or Web / HTTPS management.

Web management: Make sure your JetNet 4706 is properly connected to your local network, in the same subnet.

1. Launch the web browser (Internet Explorer or Mozilla Firefox) on the PC.
2. Type `http:// 192.168.10.1 /`, then press Enter. The default IP address of JetNet 4706 series is 192.168.10.1
3. The login screen will appear and then key in the user name and the password. The default user name and password is admin/admin.
4. Click OK, and you will enter web console.
5. The left column of web console shows the software functions; the right column lists available settings.



Support

5 Years Warranty

Each of Korenix's product line is designed, produced, and tested with high industrial standard. Korenix warrants that the Product(s) shall be free from defects in materials and

workmanship for a period of five (5) years from the date of delivery provided that the Product was properly installed and used.

This warranty is voided if defects, malfunctions or failures of the warranted Product are caused by damage resulting from force measure (such as floods, fire, etc.), other external forces such as power disturbances, over spec power input, or incorrect cabling; or the warranted Product is misused, abused, or operated, altered and repaired in an unauthorized or improper way.

Attention! To avoid system damage caused by sparks, please DO NOT plug in power connector when power is on.

The product is in compliance with Directive 2002/95/EC and 2011/65/EU of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronics equipment (RoHS Directives & RoHS 2.0)

Korenix Customer Service

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