



A Beijing Electronics Group Company

JetNet 2005/2005f Industrial Ethernet Switch  
Quick Installation Guide V1.2

Overview

JetNet 2005/2005f Industrial Ethernet Switch supports 5 10/100Base TX (JetNet 2005) or 4 10/100TX plus one 100FX Ethernet port (JetNet 2005f). In order to survive under harsh environment, JetNet 2005/2005f chooses industrial-grade aluminum case with IP30 standard protection.

It provides one relay output to alarm port break events, which is enabled/ disabled by the dip switch. JetNet 2005/2005f is recommended to be powered by DC24V (18-32V) from the 2-pin terminal block.

Package Check List

- ▶ JetNet 2005/2005f Switch
- ▶ Quick Installation Guide



Installation

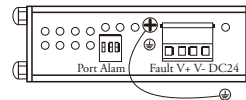
Mounting the Unit

- ▶ Din-Rail mount: Mount the din-rail clip screwed on the rear of JetNet 2005/2005f on the DIN rail.



Grounding JetNet 2005/2005f Switch

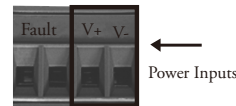
There is one grounding screw on the bottom side of JetNet 2005/2005f. Connect the frame grounding of switch to the grounding surface to ensure safety and prevent noise to interfere communication.



Wiring the Power Inputs

1. Insert the positive and negative wires into the V+ and V- contact on the terminal block connector
2. Tighten the wire-clamp screws to prevent the DC wires from being loosened.

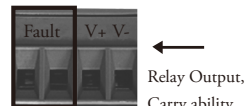
Notes: The recommended working voltage is DC24V (DC18- 32 V)



Power Inputs

Wiring the Relay Output

The relay output alarm contacts are in the middle of the terminal block connector as shown in the figure. By inserting the wires and set the DIP switch of Port Alarm to "ON", relay output alarm will detect any port failures, and form a short circuit. The alarm relay output is "Normal Open".



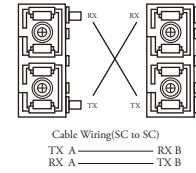
Relay Output,  
Carry ability  
1A @24V

Connecting to Network

**1. Connecting the Ethernet Ports:** Connect one end of an Ethernet cable into the UTP port of JetNet 2005/2005f, while the other end is connected to the attached networking device. All UTP ports support auto MDI/MDIX function. The LNK / ACT LED will turn Yellow for 10M Ethernet or Green for 100M Ethernet.

**2. Connecting the Fiber Port (JetNet 2005f):** Connect the fiber port on your JetNet 2005f to another Fiber Ethernet device, by following the figure below. Wrong connection will cause the fiber port not working properly.

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



DIP Switch Settings for Alarm Relay Output

Pin No. #	Status	Description	Alarm Switch
P1 to P5 (Pin1 ~5)	ON	To enable port break alarm at this port.	
	Off	To disable port break alarm at this port.	

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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