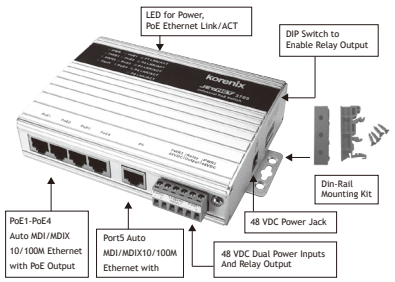
JetNet 3705 Series Industrial PoE Switch
Quick Installation Guide V1.3

Overview

JetNet 3705 / 3705f Series Industrial PoE Power Source Switch, conforming IEEE 802.3af Power over Ethernet standard, supports 4 PoE 10/100Base-TX ports plus one extra 10/100Base-TX (JetNet 3705) or 100Base-FX (JetNet 3705f) Ethernet port. Each PoE port delivers power up to 15.4 watts in maximum. Using this Power Source switch can easily power up PoE enabled devices, e.g. surveillance camera, wireless Access Point, VoIP phone set, industrial sensor, security card reader via Ethernet cable.

Package Check List

- JetNet PoE Switch
- Mounting kit with footpad
- Quick Installation Guide



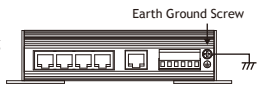
Installation

Mount the unit

- Wall mount: Use the screws provided in the mounting kit and mount on the wall.
- Din-Rail mount: Screw the DIN-Rail mounting pad to the ears and mount to DIN-Rail track.

Grounding JetNet Switch

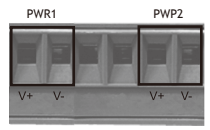
Connect the frame grounding of switch to the grounding surface to ensure safety and prevent noise.



Wiring the Power Inputs

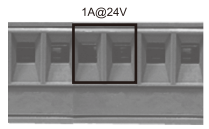
1. Insert the positive and negative wires into the V+ and V- contact on the terminal block connector.
2. Tighten the wire-clamp screws to prevent the DC wires from being loosened.

Notes: The suitable working voltage is 48VDC or -48VDC



Wiring the Relay Output

The relay output alarm contacts are in the middle of the terminal block connector as shown in the figure below.

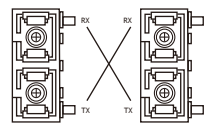


By inserting the wires and set the DIP switch of port breaking or power input to "ON", relay output alarm will detect any power or port failures, and form a Short circuit. The alarm relay output is "Normal Open".

Communication Connection

1. Connecting the PoE Ethernet Ports: Connect one side of an Ethernet cable into the UTP port of JetNet switch, while the other side 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. Four Ethernet ports, from PoE 1 to PoE 4, support PoE OUT. PoE port LED lit ON indicates that the RJ45 connector is successfully connected to a IEEE 802.3af enabled Power Device.

2. Connecting the Fiber Ports (JetNet 3705f): Connect the fiber port on your JetNet to another one located on another Fiber Ethernet device, follow the figure below. Wrong connection will cause fiber ports not to work normally.



Cable Wiring(SC to SC)

TX A ——— RX B
RX A ——— TX B

DIP Switch Settings for Alarm Relay Output

Pin No. #	Status	Description	Alarm Switch
PWR (Pin 6)	ON	To enable PWR1 or PWR2 input failure alarm	
	Off	To disable Power inputs failure alarm	
P1 to P5 (Pin1 ~5)	ON	To enable port break alarm at this port.	
	Off	To disable port break alarm at this port.	

Korenix Customer Service

KoreCARE is Korenix Technology's global service center, where our professional staffs are ready to solve your problems at any time Korenix global service center's e-mail is KoreCARE@korenix.com.

For more information and documents download please visit our website:
http://www.korenix.com/downloads.htm

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)