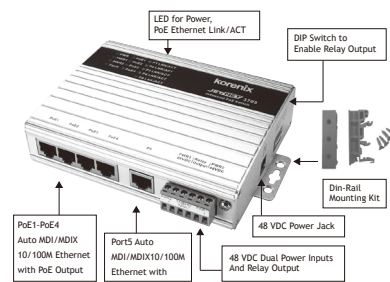


## Overview

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.

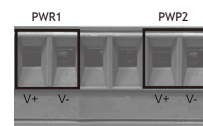
### Grounding JetNet Switch

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.

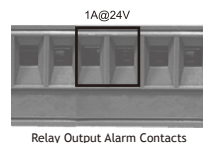


Notes: The suitable working voltage is 48VDC or -48VDC

### Wiring the Relay Output

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

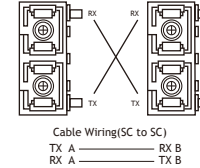
By inserting the wires and set the DIP switch of port breaking or power input to "ON", relay output alarm will detect any power or port failures, and form a Short circuit. The alarm relay output is "Normal Open".



## 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.



## 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.	

## 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

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:

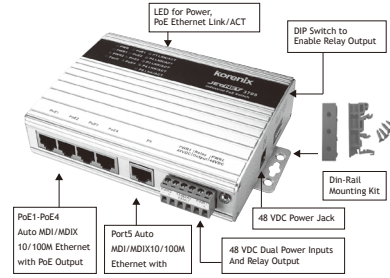
<http://www.korenix.com/downloads.htm>

## 导言

JetNet 3705 / 3705f Series 工业级以太网供电 (PoE) 交换机, 符合IEEE802.3af以太网供电标准, 支持4个10/100Base-FX以太网供电端口, 和一个10/100Base-TX(JetNet 3705) or 100Base-FX(JetNet 3705f)光纤口。每个PoE埠提供最大15.4W电源输出。使用以太网供电交换机可轻松通过以太网线缆为支持PoE协议的受电设备供电, 例如: 监控摄像头, 无线AP, 工业传感器, 屏蔽门读卡器。

## 产品清单

- ▶ JetNet PoE 交换机
- ▶ 含脚垫的安装配件
- ▶ 快速安装向导



## 安装

### 安装配件

- ▶ 壁挂安装: 用安装配件中的螺丝将机身固定在墙上。
- ▶ 导轨安装: 用螺丝将导轨耳翼固定在机身上, 然后将交换机卡在导轨上。

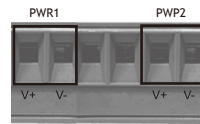
### 地线连接

将交换机地线螺丝接地, 可以确保设备使用安全, 并可防干扰。设备未接地, 因自然因素造成损害, 将不予以修复。



### 连接电源线

1. 将正负板线接入接线端子连接槽的“V+”、“V-”接口。

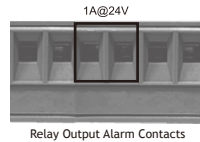


2. 拧紧线夹防止DC电源线脱落。

备注: 适用工作电压是48VDC 或者-48VDC

### 连接报警系统

继电器报警输出触点在线端子连接槽的中部, 如图所示B将线接入, 并将交换机上对应断电断线报警的DIP开关置“ON”, 继电器报警系统一旦发现断电断线情况, 自动建立一个闭合的电源回路, 触发报警, 而正常情况下则是一个开路。



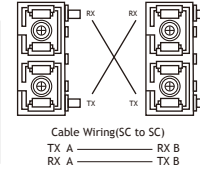
### 通讯线路的连接

1. 连接PoE以太网口: 双绞线的一端连接交换机的TX口, 另一端连接网络设备。所有电口自适应MDI/MDIX, 为10M连接时LNK / ACT指示灯显示黄色, 为100M连接时指示灯显示绿色。

4个以太网口 (PoE 1 - PoE 4), 支持PoE电源输出。PoE 端口指示灯亮表示此RJ45口已经成功连接IEEE802.3af受电设备。

2. 连接光口 (JetNet 3705f): 光纤线一端连接交换机光口, 另一端连设备, 如下图所示以连接方式。错误的连接将致使光口不能正常工作。

Pin No. #	状态	描述	Alarm Switch
PWR (Pin 6)	ON	启动双直流电源输入失败报警	ON 1 2 3 4 5 6
	Off	关闭电源报警	
P1 to P5 (Pin1 -5)	ON	启动端口断线报警	
	Off	关闭端口断线报警	



## 客户服务

### 5年质保

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然而, 自然外力(火、水、雷灾)所造成的产品故障, 或其它外部因素如电源干扰、不当电源输入、不当接线等造成的损坏, 不列入产品保固范围; 此外, 产品被误用、未经授权的修理及修改等行为将造成保固条款失效。

**注意! 请勿于电源开启时插拔接线端子, 以避免产生火花造成系统损坏。**

此产品保证完全符合欧盟2003年1月27日电气和电子设备有害物质限制委员会所提出的限用指令2002/95/EC(ROHS禁令)及2011/65/EU(RoHS 2.0)。

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CPQ000N3705002

Patent No. (Taiwan):  
Granted Invention: I 313547  
Granted Invention: I 321415  
Granted Invention: I 344766  
Granted Invention: I 346480  
Granted Invention: I 356616  
Granted Invention: I 364684  
Granted Invention: I 376118  
Granted Invention: I 393317  
Granted Invention: I 398066  
Granted Invention: I 398125  
Utility Model: M 339841  
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