

# korenix

A Beijer Electronics Group Company

JetNet 3810Gf/3810f Industrial Booster PoE Switch  
Quick Installation Guide v1.2

## Overview

	JetNet 3810Gf	JetNet 3810f
10/100 Base-TX	8	8
1000 Base-FX	2	
100 Base-FX		2
PoE Injector	Port1-8	Port1-8
PoE Wiring Pins	4,5,7,8	4,5,7,8
Power Input	12-24V power input, 48V PoE output	12-24V power input, 48V PoE output

## Package List

- ▶ JetNet 3810Gf/3810f
- ▶ Attached 4-pin power terminal block
- ▶ Quick installation guide

## Installation

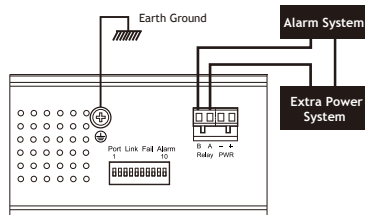
### DIN rail Mount

The aluminum DIN rail attachment on the back of JetNet Device is used to snap into the DIN rail plate.



### Grounding JetNet

Connecting grounding screw to the earth ground will ensure safety and reduce the interference of noise.



### Wiring the Relay Output

The relay output contacts are in the Left of the terminal block connector. By inserting the wires and settings the DIP switch of the respective alarm function to "ON", relay output alarm will detect port link fault, and form a short circuit.

## DIP Switch Setting

DIP Switches to configure Port Link Fail Alarm for GbE & PoE Port

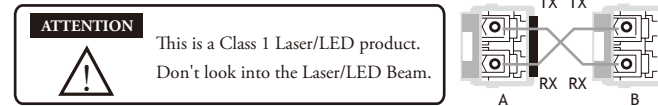
Pin No. #	1	2	Pin No. #	3	4	5	6	7	8	9	10
GbE port	1	2	PoE port	1	2	3	4	5	6	7	8



Default: off

## SFP transceiver connection

Plug in SFP fiber transceiver. We recommend using Korenix certificated SFP mini GBIC transceiver. Cross-connect the transmit channel at each end to the receive channel at the opposite end as illustrated in the figure below.



## JetNet 3810Gf/3810f

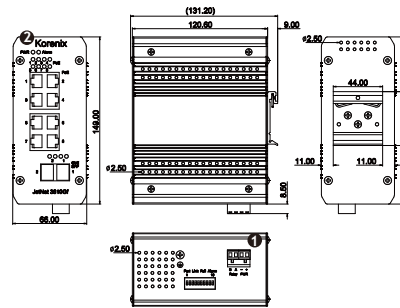
### LED per unit

- ▶ Power On/off x1 (Green on/off)
- ▶ Alarm enable/disable x1 (Red on/off)
- ▶ PoE LED x8 (Green on/off)
- ▶ FX Link/Activity x2 (Green on/blinking)
- ▶ FX speed x2 (Yellow blinking)

### LED per port

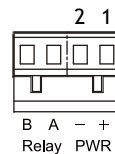
- ▶ Link/Activity x8 (Green on/blinking)
- ▶ 10/100-TX Full Duplex/ Collision x8 (Yellow on/ blinking)

## ME outline



- 1 Connect the power line from the power supply
  - 2 Indicators: Power on (green on)
- ▶ Dimension (mm):  
149(H) x 131(D) x 66(W)
  - ▶ Weight: 1.05kg
  - ▶ Operating temperature:  
-25~60°C

## PIN Assignment - Power connector



Pin	Power Signal
1	VCC
2	GND

- ▶ Power supply:  
Single input 12-24V DC,  
boosting to 48V DC for PoE
  - ▶ Power consumption:  
95W (incl. PoE), 30W
- Note: For detail Power information,  
Please refer to User's Manual

## 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 3810Gf	JetNet 3810f
10/100 Base-TX	8	8
1000 Base-FX	2	
100 Base-FX		2
PoE 供电	Port1-8	Port1-8
PoE 接线端子	4,5,7,8	4,5,7,8
Power 升压	12-24V power input, 48V PoE output	12-24V power input, 48V PoE output

## 产品清单

- ▶ JetNet工业级以太网交换机
- ▶ 附4-pin电源接线端子
- ▶ 快速安装向导

## 安装

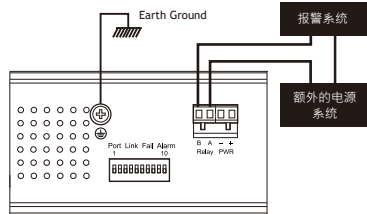
### 安装

- ▶ 导轨安装: 将JetNet后面的导轨夹卡上导轨。



## 地线连接

在JetNet底部有一个地线连接螺丝。将JetNet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。



### 继电器报警连接

继电器输出触点在产品底部接线端子的左方。使用该接口连接报警系统，并将DIP拨码开关置“ON”，继电器报警输出系统就可以监视任意端口或电源的断线情况，一旦发现断线，自动形成一个闭合环路。

### DIP拨码开关设置继电器报警

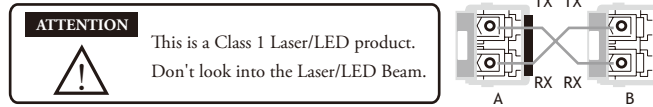
使用DIP拨码来设置千兆以太网口及供电端口的断线报警

Pin No. #	1	2	Pin No. #	3	4	5	6	7	8	9	10
GbE port	1	2	PoE port	1	2	3	4	5	6	7	8

默认值: off

## 光口连接

光纤线一端连接JetNet光口，另一端连设备，如下图所示连接模式。错误的连接会导致光口不能正常工作。



## JetNet 3810Gf/3810f

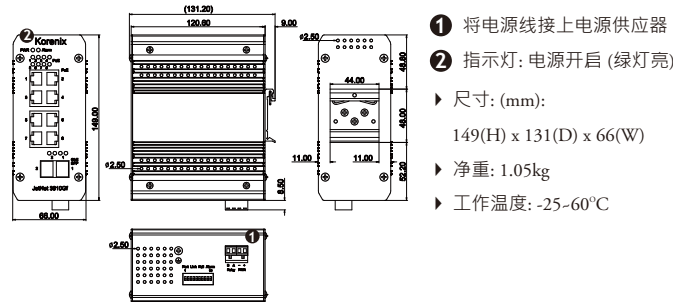
### 系统LED

- ▶ 电源 On/off x1 (绿灯亮/熄灭)
- ▶ 报警 enable/disable x1 (红灯亮/熄灭)
- ▶ PoE LED x8 (绿灯亮/熄灭)
- ▶ FX Link/Activity x2 (绿灯亮/闪烁)
- ▶ FX speed x2 (黄灯闪烁)

### 端口LED

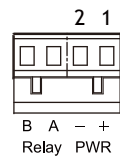
- ▶ Link/Activity x8 (绿灯亮/闪烁)
- ▶ 10/100-TX Full duplex/ Collision x8 (黄灯亮/闪烁)

## ME outline



- 1 将电源线接上电源供应器
  - 2 指示灯: 电源开启 (绿灯亮)
- ▶ 尺寸: (mm): 149(H) x 131(D) x 66(W)
  - ▶ 净重: 1.05kg
  - ▶ 工作温度: -25-60°C

## PIN 分配-供电端口



Pin	Power	Signal
1	VCC	
2	GND	

- ▶ 电源供应: 输入12-24VDC, 升压至48VDC PoE输出
  - ▶ 功耗: 95W(包含PoE供电), 30W(不含PoE供电)
- 注意: 详细的电源信息请参考使用手册

## 客户服务

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**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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详细说明及文件请至网站下载: [http://www.korenix.com.cn/support\\_downloads.htm](http://www.korenix.com.cn/support_downloads.htm)

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Granted Invention: I 344766  
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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  
Utility Model: M 339840