korenix
A Beijer Group Company

JetNet 3212G-2C2F
Quick Installation Guide V1.1

Overview

JetNet 3212G-2C2F is a 12-port unmanaged switch equipped with 8-port 10/100/1000T(X),2 port 1000Base F(X) and 2 RJ-45/SFP combo ports. It ensures high switching performance and easy installation. Along with its high switching performance, it supports multiple internal performance features, such as 9K bytes Jumbo Frame, Flow Control, it ensures quality traffic transmission.

JetNet 3212G-2C2F adopts rugged metal case design to operate in harsh environment (-40~75°C). It features one relay output to alarm users if power fails. JetNet 3212G-2C2F is recommended to be powered by DC 24V with 10-60V ranged.

Package List

- JetNet 3212G-2C2F Ethernet switch
- Quick installation guide

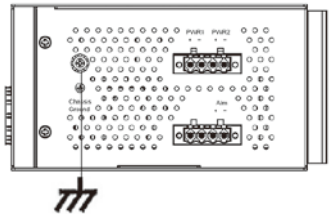
Installation

Mount the unit

Din-Rail mount: Mount the Din-rail clip on the rear of JetNet 3212G-2C2F on the DIN rail.

Grounding JetNet 3212G-2C2F

There is one grounding screw on the bottom side of JetNet 3212G-2C2F. Connect the earth ground screw of JetNet3212G to the grounding surface to ensure safety and prevent noise.

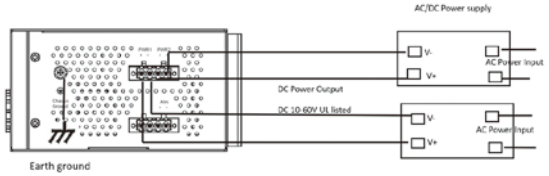


Wiring the Power Inputs

1. 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 power wires loosened.

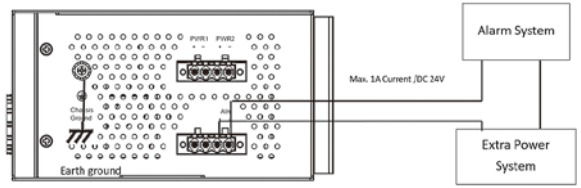
Note: The recommended working voltage is DC 24V. (Input range: DC10~ 60 V)



Wiring the Relay Output

The relay output contacts are in the middle of the terminal block connector as shown below. By inserting the wires relay output alarm will detect power fault, and avoid form a short circuit.

Note: The relay contact only support 1A current, DC 24V. It does not recommend apply higher voltage and current that over this specification.



Connecting to Network

1. Connecting the Ethernet Port: Connect one end of an Ethernet cable into the UTP port of JetNet 3212G-2C2F, while the other end is connected to the attached networking device. UTP port support auto MDI/MDIX function.

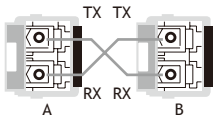
The LNK / ACT LED will turn on for link up and blinking for packet transmit and receive. The Speed LED will turn on for Gigabit link and turn off for 10/100Mbps link.

LED	Color	Function
P1, P2	Green	Power (1, 2) on
Alm	Red	Power failure (1 or 2)
1-8	Green	Link
	Flashes Green	Activity
	Amber	Gigabit Speed
9-12 (combo port/SFP port)	Green	Link
	Flashes Green	Activity

2. Connection the Fiber Port: The SFP port accept standard Gigabit MINI GBIC SFP transceiver. Plug in SFP transceiver and cross-connect the transmit channel at each end to receive channel at the opposite end.

ATTENTION

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



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/page/doc/index.aspx

导言

JetNet 3212G-2C2F 是具有8个千兆以太网络电口,2个千兆SFP 光纤口及2個光电复用接口之工业以太网交换机，符合IEEE 802.3u 和 802.3ab 标准。

JetNet 3212G-2C2F 交换机采用坚固的铝合金外壳结构设计，能够在恶劣的工业环境(-40~75°C) 稳定工作，符合IP31工业防护标准，它还支持一路继电器报警输出，可针对断电状态提供现场报警服务。

JetNet 3212G-2C2F 在机身底部装有可拆卸电源线槽，其输入电源范围是10~60V，建议采用穩定的24 V 直流电为设备供电。

产品清单

- JetNet 3212G-2C2F工业交换机*1
- 快速安装指南*1

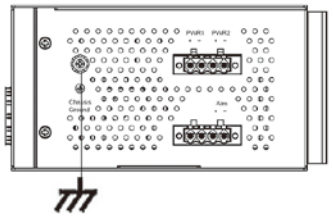
安装

Din-Rail支架：

将JetNet 3212G-2C2F 背面的Din-rail夹子安装在DIN导轨。

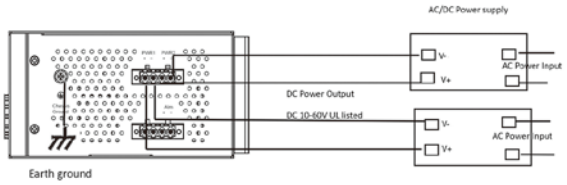
JetNet 3212G-2C2F接地:

JetNet 3212G-2C2F底部有一个接地螺丝。 将JetNet 3212G-2C2F 连接框架接地以保证安全，防止噪音造成通信干扰。



输入电源接线

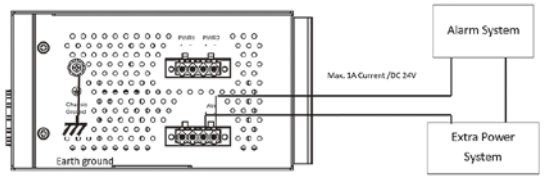
1. 将正极和负极线插入端子块连接器上的V+和V-触点，如下图所示。
2. 拧紧电线夹螺钉，防止电源线松动。



注意: 推荐的输入电压为DC 24V。 (可输入范围：DC10～60V)

接线输出

继电器输出触点位于连接器端子中间，如下图所示。 继电器输出报警将检测电源故障，并形成短路。



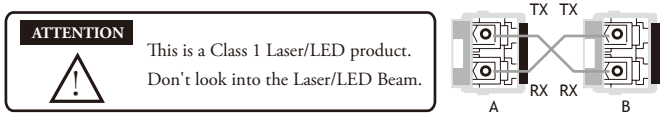
注意: 继电器触点仅支持1A电流，DC 24V。不建议使用超过本规范的更高的电压和电流。

连接到网络

1. 连接以太网端口：将以太网电缆的一端连接到JetNet 3212G-2C2F 的UTP端口，另一端连接到所连接的网络设备。UTP端口支持自动MDI/ MDIX功能。 LNK / ACT LED将亮起并闪烁，表示RJ-45端口链路和从RJ-45接收和发送的数据包。

LED	Color	Function
PWR1, PWR2	綠色	电源输入 (1.2)
Alm	紅色	无电源输入 (1 or 2)
1-8	綠色	电口链路
	閃綠	电口接收和发送的数据包
	棕色	电口速度千兆
9-12	綠色	光纤口/光光电复用接口链路
	閃綠	纤口接收和发送的数据包

2. 光口连接 (JetNet 3212G-2C2F): 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。错误的连接会致使光口不能正常工作。



客户服务

5年质保

所有科洛理思产品的设计、制造及测试都是采用较高的工业标准。科洛理思保证自产品出货日起提供最高5 年之免费保修服务，保修期间如因零件损坏或制程不良而导致产品故障，我们将提供免费维修服务。

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日电气和电子设备危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)。

Korenix售后服务

KoreCARE 是科洛理思科技全球服务中心，我们专业的技术人员随时准备解答您的疑问。科洛理思全球服务中心 EMAIL: KoreCARE@korenix.com

详细说明及文件请至网站下载: http://www.korenix.com/page/doc/index.aspx

业务服务: sales@korenix.com.cn

官网: www.korenix.com.cn

Korenix Technology Co., Ltd.
(A Beijer Group Company)

Tel:+886-2-89111000
Fax:+886-2-29123328
Business service:sales@korenix.com
Customer service:koreCARE@korenix.com
www.korenix.com
CPQ000N3212G01

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
Granted Invention: I 459757
Utility Model: M 339841
Utility Model: M 339840