

Introduction

JetLink 1102/ JetLink 1302 are a 2 port 10/100 RJ-45 Industrial Fieldbus gateway providing seamless communication between Fieldbus and Industrial Ethernet and supports different protocol devices and integrates new and existing Modbus RTU/TCP devices to the EtherNet/IP or PROFINET network. To collect data and exchange data between Modbus RTU/TCP to EtherNet/IP or PROFINET. JetLink 1102 / JetLink 1302 is a simple and cost-effective way to bring the advantages of fast data transmissions between different devices.

Package Check List

- ▶ JetLink1102/JetLink 1302 with DIN Rail clip
- ▶ Wall-mount kit
- ▶ Quick Installation Guide



Installation

Mounting the unit

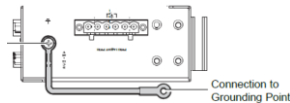
Mount the DIN-Rail clip on the rear of JetLink 1102/1302 on the DIN-Rail, or using wall mount kit to fix the module.

Dimension:

- ▶ JetLink 1102 : 42 x 140 x104 mm (W x H x D), with DIN Rail Clip
- ▶ JetLink 1302 : 42 x 140 x104 mm (W x H x D), with DIN Rail Clip

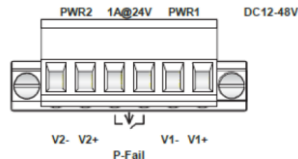
Grounding

There is one grounding screw on the top side of JetLink 1102/ JetLink 1302 . Connect the frame grounding of JetLink 1102/ JetLink 1302 to the grounding surface to ensure safety and prevent noise for communication interference.



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 power wires loosened.



Note:

The recommended working voltage is DC 24V. (Input range: DC12~ 48V)

Wiring the Relay Output

The relay output contacts are in the middle of the terminal block connector as shown above. For more information, please refer Manual chapter for more detail.

Note:

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

MicroSD Card Installation

The JetLink Series provides user with an easy way to backup, restore, and deploy configuration settings. The fieldbus gateway provides a microSD card slot at the bottom of JetLink to support simple means to manage system configuration settings. Please refer manual for more details.



Note:

Only microSD cards with the FAT32 or exFAT file systems are supported.

Reset Bottom

There is reset bottom in the front panel of JetLink series.

1. Reset configuration to factory default, press and hold Reset button for 5 seconds.
2. System reboot, press and hold Reset button for 2 seconds.

LED Indicator

LED information listed as below:

Catalog	LED Name	LED Color	Description
System	PW1	Green	Power 1 is ON
		Off	Power 1 is off or power error condition exists
	PW2	Green	Power 2 is ON
		Off	Power 2 is off or power error condition exists
	Status	Orange	Blinking: System is ready
		Steady on:	- Restore config from SD card successfully at factory default state during booting - Backup config to SD card successfully during booting
		Off	System is no working
Protocol	EtherNET/IP (EI)	Orange	Reserved
		Green	Blinking: IO connection do not establish
	Modbus (MS)	Steady on:	IO connection establish
		Orange	Blinking: One of Modbus transaction query failed
		Green	Steady on: All Modbus transactions query successfully
		Off	No Modbus transaction to be created
Port LED	Serial	Orange	Serial port is receiving data
		Green	Serial port is transmitting data
		Off	No data is transmitted or received through the serial port
	RJ45	Off	No link
		Green	Blinking: Link and activity
		On:	Link without activity
		Off:	no link
		Solid Orange:	Current link speed is 100M
		Solid Green:	Current link speed is 10M
		Orange/ Green	

Device Management

To access the login window, connect the device to the network, see “Connecting the Fieldbus Gateway to Ethernet Ports” on manual. Once the fieldbus gateway is installed and connected, power on the fieldbus gateway see the following procedures to log into your fieldbus gateway.

Note:

When the fieldbus gateway is first installed, the default network configuration is set to DHCP enabled.

Preparation for Web management

1. Launch your web browser on a computer.
2. In the browser's address bar type in the fieldbus gateway's default IP address (192.168.10.1). The login screen displays.
3. Enter the default user name and password (admin/admin) to log into the management interface.
4. Click Login to enter the management interface.

Please refer more details in manual.

Support

2 Years Warranty

Each of Korenix's product 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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关于快速安装指南

本“快速安装指南”旨在指导专业安装人员安装和配置JetLink 1102 / JetLink 1302。它涵盖了帮助您避免意外问题的程序。

介绍

JetLink 1102 / JetLink 1302是一个2端口10/100 RJ-45工业现场总线网关，提供现场总线和工业以太网之间的无缝通信，支持不同的协议设备，并将新的和现有的Modbus RTU / TCP设备集成到EtherNet / IP或PROFINET网络。收集数据并在Modbus RTU / TCP与EtherNet / IP或PROFINET之间交换数据。JetLink 1102 / JetLink 1302是一种简单而经济的方式，可以在不同设备之间实现快速数据传输的优势。

打开包装，检查下列配件

- JetLink 1102/ JetLink 1302带DIN导轨夹
- 壁挂套件
- 快速安装指南*1

安装

安装设备:

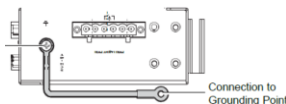
将DIN导轨夹子安装在DIN导轨上的JetLink 1102/1302背面，或使用壁挂安装套件固定模块。

尺寸:

JetLink 1102: 42 x 140 x 104 mm (宽x高x深)，带DIN导轨夹
JetLink 1302: 42 x 140 x 104 mm (宽x高x深)，带DIN导轨夹

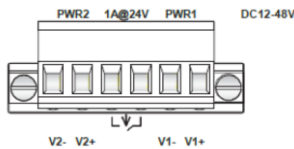
接地:

上面有一个接地螺钉
JetLink 1102 / JetLink 1302
的顶部。连接框架接地
JetLink 1102 / JetLink 1302到
接地面确保安全
防止通信干扰的噪音。



连接电源输入

1. 插入正极和负极导线进入V+和V-接线端子连接器。
2. 拧紧线夹螺丝防止电源线松动。



注意:

推荐的工作电压为DC 24V。(输入范围: DC12~48V)

连接继电器输出

继电器输出触点位于接线盒连接器的中间，如上所示。有关更多信息，请参阅手册章节以获取更多详细信息。

注意:

继电器触点仅支持1A电流，DC 24V。建议不要施加超过此规格的更高电压和电流。

MicroSD卡安装

JetLink系列为用户提供了简单的备份、还原和部署方式配置设置。现场总线网关底部提供microSD卡插槽。JetLink支持简单的手段管理系统配置设置。有关详细信息，请参阅手册。



注意:

仅支持具有FAT32或exFAT文件系统的microSD卡。

LED指示灯

编目	名称	颜色	描述
System	PW1	绿	电源 1 已开启
		Off	电源 1 已关闭或存在电源错误情况
	PW2	绿	电源 2 已开启
		Off	电源 2 已关闭或存在电源错误情况
	Status	闪烁	系统准备就绪
		常亮:	- 在出厂预设状态下，在启动期间，从SD卡恢复配置 - 在启动期间，成功备份配置到SD卡 - 停止使用自动备份功能
Protocol	EtherNET / IP (EI)	Off	系统停止工作
		桥	预设
	Modbus (MS)	绿	闪烁: IO连接未建立 常亮: IO连接建立
		桥	闪烁: 其中一个Modbus传输失败
		绿	常亮: 所有Modbus传输失败
		Off	无创建Modbus传输
Port LED	Serial	桥	串口正在接收数据
		绿	串口正在传输数据
	RJ45	Off	没有数据通过串口发送或接收
		绿	关: 没有链接 闪烁: 链接和活动
			开: 没有活动的链接
		桥/绿	关: 没有链接 橙色: 当前链接速度为100M 绿色: 当前链接速度为10M

管理接口

要访问登录窗口，请将设备连接到网络，请参阅手册上的“将现场总线网关连接到以太网端口”。安装并连接现场总线网关后，现场总线网关的电源将按照以下步骤登录现场总线网关。

注意:

首次安装现场总线网关时，DHCP默认网络配置将设置为启用。

准备Web管理

1. 在计算机上启动Web浏览器。
 2. 在浏览器的地址栏中输入现场总线网关的默认IP地址 (192.168.10.1)。将显示登录屏幕。
 3. 输入默认用户名和密码 (admin / admin) 以登录管理界面。
 4. 单击“登录”进入管理界面。
- 更多详细信息请参阅手册中。

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注意! 请勿于电源开启时插拔接线端子，避免产生火花造成系统损坏。

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CPQ000V2301002

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