



# MOXA ioLogik E1500 Series I-O Ethernet Remote Installation Guide

[Home](#) » [MOXA](#) » MOXA ioLogik E1500 Series I-O Ethernet Remote Installation Guide 

## Contents

- [1 MOXA ioLogik E1500 Series I-O Ethernet Remote](#)
- [2 Package Checklist](#)
- [3 Specifications](#)
- [4 Installation](#)
  - [4.1 I/O Wiring](#)
- [5 Mounting and Cabling](#)
- [6 LED Indicators](#)
- [7 System Configuration](#)
- [8 Load Factory Default Settings](#)
- [9 Documents / Resources](#)
  - [9.1 References](#)
- [10 Related Posts](#)



**MOXA ioLogik E1500 Series I-O Ethernet Remote**



**Package Checklist**

- 1 ioLogik E1500 series remote I/O product
- Quick installation guide (printed)

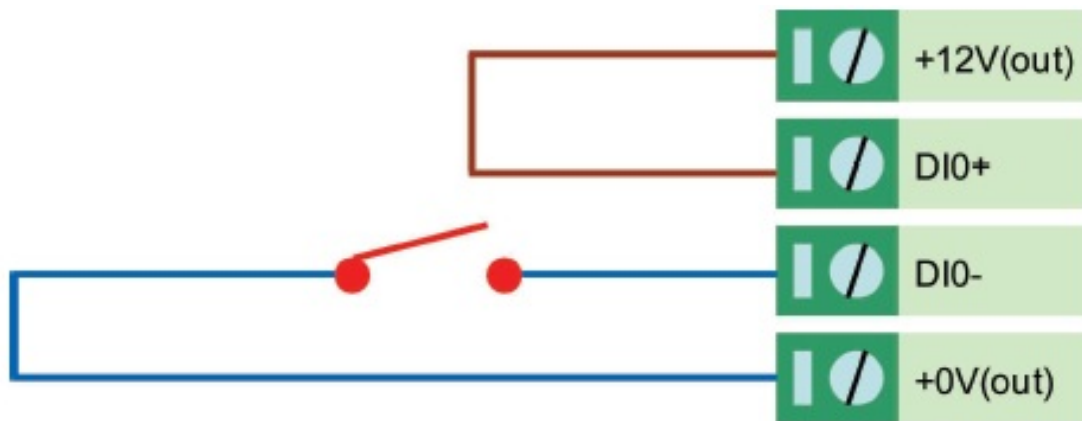
**Specifications**

Input Current	150 mA @ 24 VDC
Input Voltage	12 to 48 VDC
Operating Temperature	-40 to 85°C (-40 to 185°F)

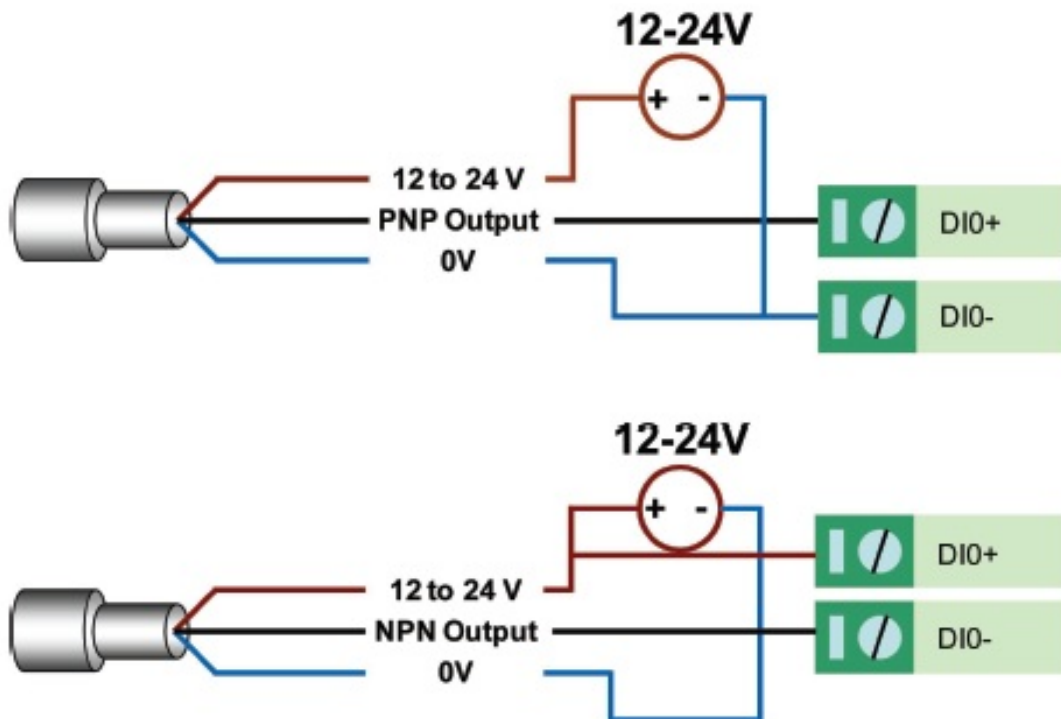
**Installation**

**I/O Wiring**

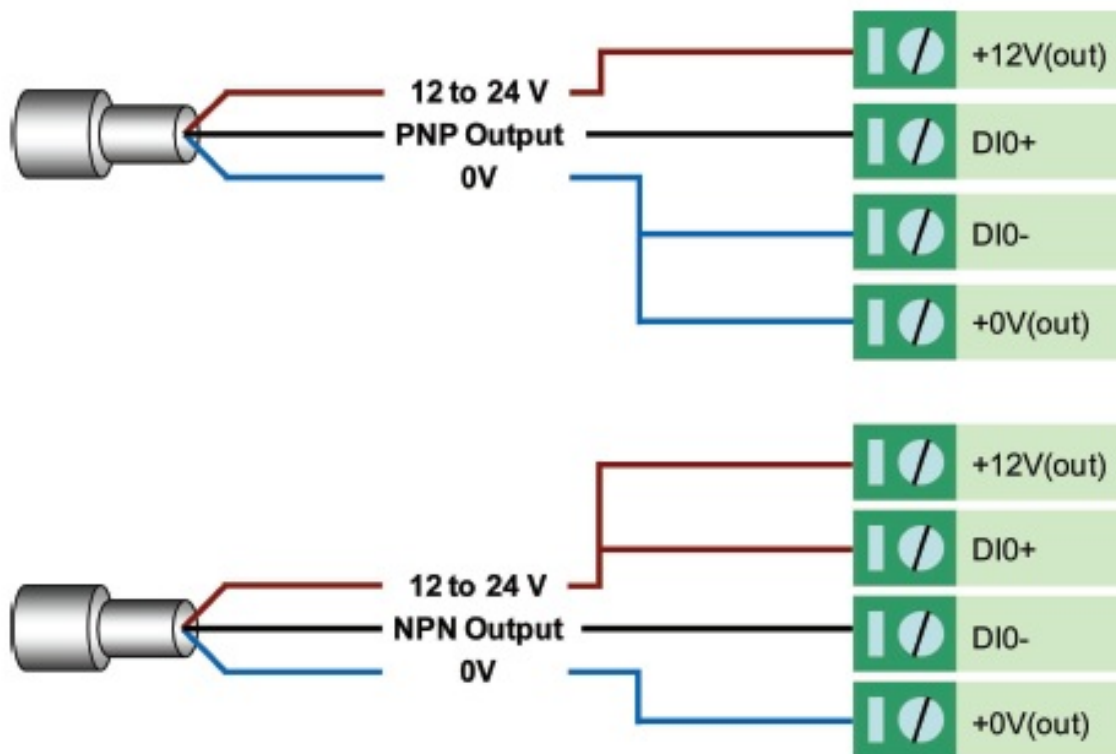
**DI dry contact mode**



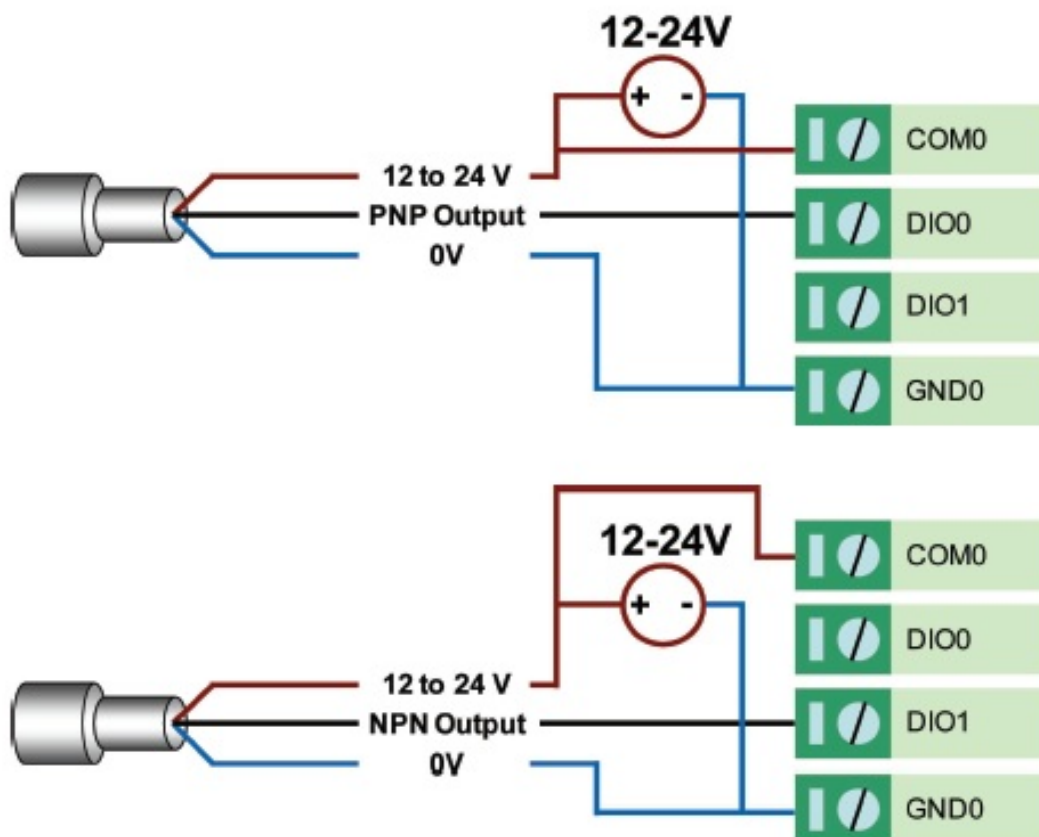
DI wet contact mode (Ch-Ch isolation)



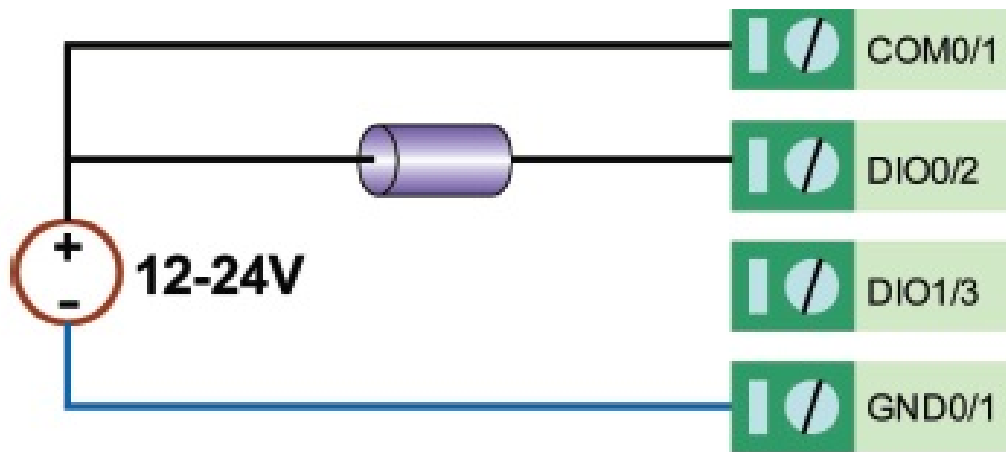
DI wet contact PNP/NPN mode (No CH-CH isolation)



DIO\_DI wet contact mode (no CH-CH isolation)



DIO\_DO sink mode



## Mounting and Cabling

The ioLogik E1500 can be used with both DIN rail and wall mounts. When mounting on a DIN rail, release the bottom mounting kit, install the ioLogik on the rail, and then restore the bottom mounting kit to fix the ioLogik to the rail. When using wall mounting, release both the upper and bottom DIN rail kits. The ioLogik E1500 has an M12 Ethernet port for connecting either a standard direct-Ethernet or crossover-Ethernet cable via a locking M12 connector.

### Power and Networking

Connect the +12 to +48 VDC power line to the ioLogik E1500's terminal block V+ terminal, and connect the ground from the power supply to the V- terminal. If an earth ground is available, connect the ground pin

## LED Indicators

Type	Color	Description
PWR	Green	System power in ON
	Off	System power is OFF
RDY	Green	System is ready
	Green Blinking	Located
	Red	System Booting-up Error
	Green/Red Blinking	Safe Mode
	Red Blinking	Firmware upgrade (LED flashes for 3 seconds then stays red until restart)
	Off	System is not ready
LAN	Green	100 Mbps
	Amber	10 Mbps
	Blinking	Data Transmitting
	Off	Ethernet Off
EXP	Green	Expansion Mode Ready
	Red	Configuration Failure
	Off	Stand-alone Mode
DI	Green	Channel ON
	Off	Channel OFF
DIO	Green	Channel ON
	Off	Channel OFF

## System Configuration

### Configuration via Web Console

Configuration of an ioLogik E1500 is done via the web console.

- Default IP Address: 192.168.127.254
- Subnet Mask: 255.255.255.0

**Note:** Be sure to configure the host PC's IP address to the same subnet as the ioLogik E1500. For example, 192.168.127.253

### ioSearch Utility

ioSearch is a search utility that helps users locate an ioLogik E1500 on the local network. The latest version of the

utility can be downloaded from Moxa's website

## Load Factory Default Settings

There are three ways to restore the ioLogik E1500 to the factory default settings.

- Remove the two screws and the aluminum plate, and then press and hold the RESET button for 5 seconds.
- Right-click the specified ioLogik in the ioSearch utility and select Reset to Default.
- Select Load Factory Default from the web console.

## Modbus Address Table

Refer to the user's manual for details of the ioLogik's Modbus address, or refer to the start address of the I/O channels in the web console under User-defined Modbus Addressing Default Address.

## How to Download the Software

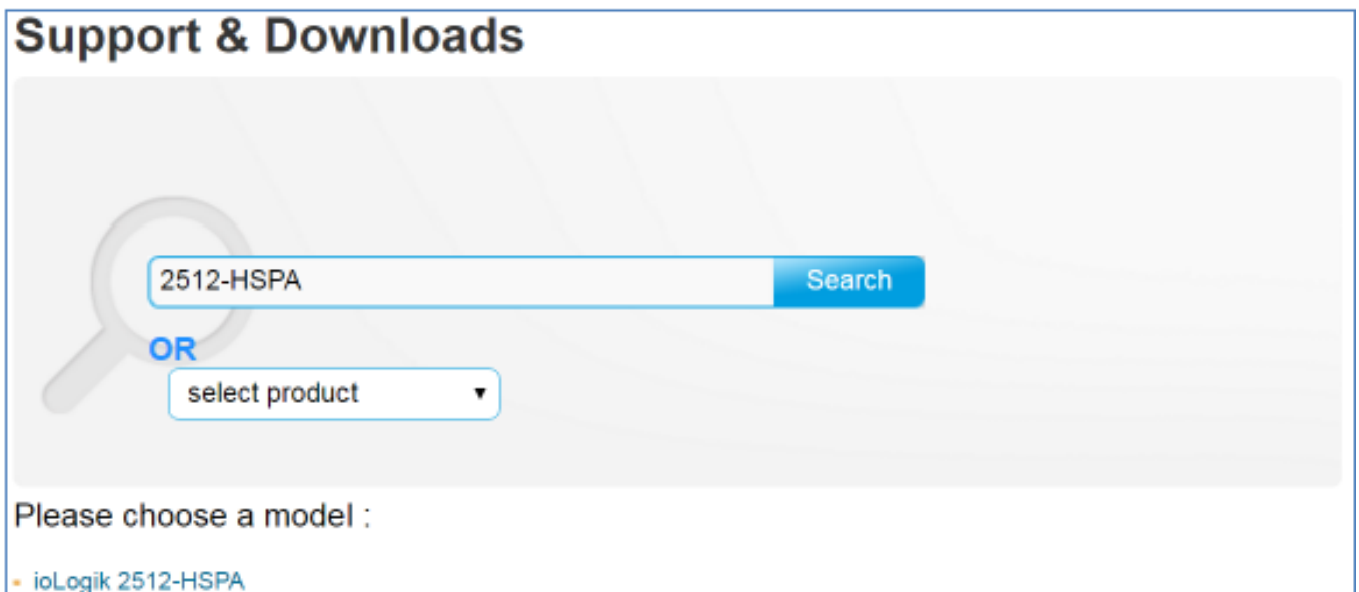
### Step 1

Click on the following link to open the Support & Downloads search tool:

[http://www.moxa.com/support/support\\_home.aspx?isSearchShow=1](http://www.moxa.com/support/support_home.aspx?isSearchShow=1)

### Step 2

Type the model name in the search box or select a product from the drop down box and then click Search.



The screenshot shows the 'Support & Downloads' search interface. It features a search bar with the text '2512-HSPA' and a blue 'Search' button. Below the search bar is a dropdown menu with the text 'select product'. To the left of the dropdown is a magnifying glass icon and the word 'OR'. Below the search bar and dropdown is the text 'Please choose a model :'. At the bottom, there is a list of search results, with 'ioLogik 2512-HSPA' being the first result.



### Step 3

Click the Software Packages link to download the latest software for the product

# ioLogik 2512-HSPA

<b>Documentation</b> <ul style="list-style-type: none"><li>• Datasheets</li><li>• Manuals</li></ul>	<b>Software</b> <ul style="list-style-type: none"><li>• Firmware</li><li>• Libraries</li><li>• <b>Software Packages</b></li><li>• Utilities</li></ul>	<b>Other</b> <ul style="list-style-type: none"><li>• Product Page</li></ul>
---	---	---

## Documents / Resources

<div><div><div>ioLogik E1500 Series Quick Installation Guide</div><div>Ethernet Remote I/O</div><div>Version 1.1, January 2021</div><div>Technical Support Contact Information www.moxa.com/support</div><div> © 2021 Moxa Inc. All rights reserved.</div><div> PDF icon</div></div></div>	<div><div><div><a href="#">MOXA ioLogik E1500 Series I-O Ethernet Remote</a> [pdf] Installation Guide</div><div>ioLogik E1500 Series I-O Ethernet Remote, ioLogik E1500 Series, I-O Ethernet Remote</div></div></div>
--	---

## References

-  [Moxa - Support](#)