

WISE-4012

4-ch Universal Input and 2-ch Digital Output IoT Wireless I/O Module

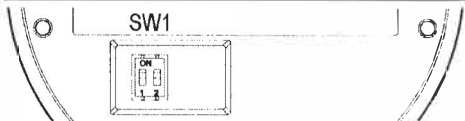
Overview

Thank you for purchasing this WISE-4000 series module. This is a quick guide to help you deploy the WISE-4000 series module in your application field. It will include power and application wiring. If you need a more complicated or specific installation instructions, contact ADVANTECH for advanced technical support or suggestions.

Input Power Requirements

The WISE-4000 Series system is designed for a standard industrial unregulated 24 V_{DC} power supply. For further applications, it can also accept +10 to +30 V_{DC} of power input. 200mV peak to peak of power ripple, and the immediate ripple voltage should be maintained between +10 and +30 V_{DC}...

Switch Settings



Switch	Description	Position	ON (Default)	OFF
SW1	Operation Mode	P1	Normal Mode	Initial Mode
		P2	N/A	N/A

Note 1. After the position 1 of SW1 been changed, user need to power on the module again to apply the operation mode

Packing List

- 1 x WISE-4012 module
- 1 x Mounting kit
- 4 x 120 Ω precise resistors
- 1 x Startup manual
- 1 x China RoHS manual

Notes

For more information on this and other Advantech products, please visit our websites at:

<http://www.advantech.com>

For technical support and service:

<http://www.advantech.com/support/>

This startup manual is for WISE-4012

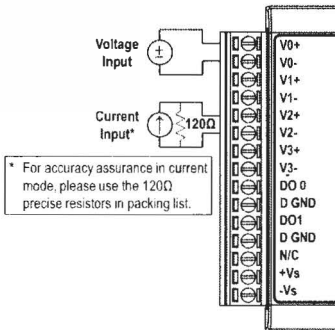
Part No: 2003D41210

1st Edition

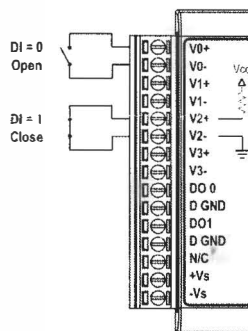
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Application Wiring

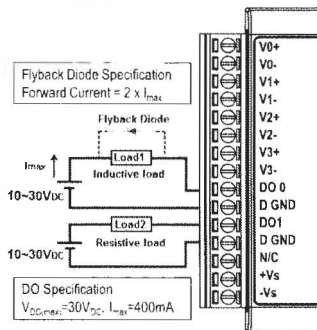
Universal Input – Voltage or Current



Universal Input – Dry Contact DI



Digital Output



Quick Start for WISE-4012

1. Power up using a 10~30V_{DC} power supply, that's connected between the +Vs and -Vs pin.
2. Enable the Wi-Fi interface on your device, and make sure the Wi-Fi adapter is in DHCP mode.
3. Select the SSID: "WISE-4xxx_MAC"

< Wi-Fi

WISE-4000_F6EA95



Advantech



Cell Phone



4. Open the browser (Google Chrome is recommended) and enter the configuration page URL: <http://192.168.1.1/config>. Then login by account: root, and password: 00000000.

192.168.1.1/config

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WISE-4000 Config Web

Account:

Password:

Login

LED Indicators



- **Status/Com:**
Flashes Green when module starts to work
Flashes Orange when communicating
- **AP/Infra (Green):**
On in AP Mode
Off in Station Mode (Infrastructure)
- **Signal Indicator:**
Signal strength in Station Mode

5. Scroll to where you are going to make the configuration, for example, scroll to "Network" and click "Go to Configuration".

Network Information

WLAN Mode

AP Mode

Mac

00-D0-C9-F6-EA-95

IP

192.168.1.1

Subnet

255.255.255.0

Gateway

192.168.1.1

IP Mode

Static DHCP

[Go to Configuration](#)