

WISE-4010/LAN Config Web

Account:

Password:

Login

Information

Module

Model Name WISE-4010/LAN

Customized Name WISE-4010/LAN

UUID WISE-4010LAN_00D0C9E3B782

Location

Description

Working Mode Normal Mode

[Go to Configuration](#)

Network Information

Mac 00-D0-C9-E3-B7-82

IP 192.168.1.51 **Subnet** 255.255.255.0

Gateway 192.168.1.1 **IP Mode** Static DHCP

[Go to Configuration](#)

Module Information

Module Name	Module Description	Firmware Description
WISE-4010/LAN	4-ch Current Input 4-ch DO IoT Ethernet I/O Module	Fw:A1.14 B11, Bootloader:A1.00 B00

Information

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I/O Status

Advanced

Configuration

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- Network
- Network App
- Time & Date
- Time Sync
- Modbus
- Control
- General
- Cloud
- Firmware
- Account

Information

Module Information

Model Name

WISE-4010/LAN

Customized Name

WISE-4010/LAN

UUID

WISE-4010LAN_00D0C9E3B782

Description

Location Information

Latitude

Longitude

Altitude

Location

Submit

Information

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Network

Mac

00-D0-C9-E3-B7-82

IP

192.168.1.51

Subnet

255.255.255.0

Gateway

192.168.1.1

IP Mode

Static DHCP

Submit

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Network Application

Web Server Port (Default:80)

80



HostIdle (Timeout)

720

sec



Communication WDT Mode

Disabled



Peer to Peer Port (Default:5048)

5048



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Local Time

Daylight Saving Time

Local Time

Current Time

2021-02-26T04:10:05+01:00



Time Zone

(GMT+01:00) Brussels, Copenhagen, Madric ▾



Time Calibration



Click Me...



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Time Synchronization

Time Synchronization Method

Disable ▾

✓ Submit

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Configuration

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- Time Sync
- Modbus**
- Control
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Coils Status(0X)

Holding Registers(4X)

Setting Address

Item	Base Address	Length
DO Status	<input type="text" value="17"/>	<input type="text" value="4"/>
Reset Historical Maximum AI Value	<input type="text" value="101"/>	<input type="text" value="5"/>
Reset Historical Minimum AI Value	<input type="text" value="111"/>	<input type="text" value="5"/>
Burnout Flag	<input type="text" value="121"/>	<input type="text" value="4"/>
High Alarm Flag	<input type="text" value="131"/>	<input type="text" value="5"/>
Low Alarm Flag	<input type="text" value="141"/>	<input type="text" value="5"/>
Low Battery Status	<input type="text" value="5001"/>	<input type="text" value="1"/>

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Control

Locate



Disabled



Restore to Default



Restore



Reset Password



Reset



System Restart



Restart



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General Configuration

Scan Interval

1000

ms



FSV by Communication WDT



Enabled/Disabled



Note: Each IO will switch to its FSV if the module's WDT is enabled and triggered.

Information

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Cloud Configuration

Select Service

⊖ Disable ▾

✓ Submit

Information

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Files

Firmware Upload



User Web Page



Configuration File Upload

With IP Settings(Default) ▾



Configuration File Export

Export Configuration File

P2P Configuration File Upload



P2P Configuration File Export

Export Configuration File

Information

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Account


Type	Password
Root	🔒 Change Password
Admin	🔒 Change Password
User	🔒 Change Password

IO Status

AI DO

Status
Configuration
Trend

Current
Max
Min



Channel:

Range: 4 ~ 20 mA

Value: Open Circuit (Burnout)

Low Alarm Status: Clear

High Alarm Status: Clear

Ch	Range	Value[Eg]	Value[Hex]	Value[Dec]
0	4 ~ 20 mA	Open Circuit (Burnout)	FFF	4095
1	4 ~ 20 mA	Open Circuit (Burnout)	FFF	4095
2	4 ~ 20 mA	Open Circuit (Burnout)	FFF	4095
3	4 ~ 20 mA	Open Circuit (Burnout)	FFF	4095
AVG	****	****	****	****

Information

Configuration

I/O Status

Advanced

IO Status

AI DO

Status Configuration Trend

Status

Current Max Min

Channel: 0

Range: 4 ~ 20 mA

Value: 4 mA

Reset Value: [Reset](#)

Ch	Range	Value[Eg]	Value[Hex]	Value[Dec]
0	4 ~ 20 mA	4 mA	0	0
1	4 ~ 20 mA	4 mA	0	0
2	4 ~ 20 mA	4 mA	0	0
3	4 ~ 20 mA	4 mA	0	0
AVG	****	****	****	****

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Status

Current Max Min

Channel: 0

Range: 4 ~ 20 mA

Value: 20 mA

Reset Value: [Reset](#)

Ch	Range	Value[Eg]	Value[Hex]	Value[Dec]
0	4 ~ 20 mA	20 mA	FFF	4095
1	4 ~ 20 mA	20 mA	FFF	4095
2	4 ~ 20 mA	20 mA	FFF	4095
3	4 ~ 20 mA	20 mA	FFF	4095
AVG	****	****	****	****

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IO Status

AI DO

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Configuration

Common Settings

Channel Settings

Channel

Tag Name

Range

Channel Mask

 Enabled/Disabled

Refresh

Low Scaling Value mA

High Scaling Value mA

Physical Min Scaling Value

Physical Max Scaling Value

Mapping Unit

Enable Low Alarm Enabled/Disabled

Enable High Alarm Enabled/Disabled

Overview

Channel	Tag Name	Range	Parameter
0	W4010LAN_E3B782-AI0	4 ~ 20 mA	En = 1, EnLA = 0, EnHA = 0, LAMd = 0, HAMd = 0, LoA = 0, HiA = 0, LoS = 0, HiS = 0, LoP = 0, HiP = 0, Uni =
1	W4010LAN_E3B782-AI1	4 ~ 20 mA	En = 1, EnLA = 0, EnHA = 0, LAMd = 0, HAMd = 0, LoA = 0, HiA = 0, LoS = 0, HiS = 0, LoP = 0, HiP = 0, Uni =
2	W4010LAN_E3B782-AI2	4 ~ 20 mA	En = 1, EnLA = 0, EnHA = 0, LAMd = 0, HAMd = 0, LoA = 0, HiA = 0, LoS = 0, HiS = 0, LoP = 0, HiP = 0, Uni =
3	W4010LAN_E3B782-AI3	4 ~ 20 mA	En = 1, EnLA = 0, EnHA = 0, LAMd = 0, HAMd = 0, LoA = 0, HiA = 0, LoS = 0, HiS = 0, LoP = 0, HiP = 0, Uni =
Avg	W4010LAN_E3B782-AIAv	****	En = 0, EnLA = 0, EnHA = 0, LAMd = 0, HAMd = 0, LoA = 0, HiA = 0, LoS = 0, HiS = 0, LoP = 0, HiP = 0, Uni =

IO Status

AI DO

Status

Configuration

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Configuration

Common Settings

Channel Settings

Burnout Detection

Enabled/Disabled

Burnout Detection Mode

Up scale

Sampling Rate(Hz)

10 Hz/Ch

Software Filter Mode

Disable

Resolution

12

Average Channel Setting

Channel	Enable/Disable <input type="checkbox"/>	Range
0	<input type="checkbox"/>	4 ~ 20 mA
1	<input type="checkbox"/>	4 ~ 20 mA
2	<input type="checkbox"/>	4 ~ 20 mA
3	<input type="checkbox"/>	4 ~ 20 mA

Calibration

Calibration

Submit

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Configuration

Common Settings

Channel Settings

Channel

Tag Name

Range

Channel Mask

 Enabled/Disabled

Refresh

Low Scaling Value mA

High Scaling Value mA

Physical Min Scaling Value

Physical Max Scaling Value

Mapping Unit

Enable Low Alarm Enabled/Disabled

Enable High Alarm Enabled/Disabled

Overview

Channel	Tag Name	Range	Parameter
0	W4010LAN_E3B782-AI0	4 ~ 20 mA	En = 1, EnLA = 0, EnHA = 0, LAMd = 0, HAMd = 0, LoA = 0, HiA = 0, LoS = 0, HiS = 0, LoP = 0, HiP = 0, Uni =
1	W4010LAN_E3B782-AI1	4 ~ 20 mA	En = 1, EnLA = 0, EnHA = 0, LAMd = 0, HAMd = 0, LoA = 0, HiA = 0, LoS = 0, HiS = 0, LoP = 0, HiP = 0, Uni =
2	W4010LAN_E3B782-AI2	4 ~ 20 mA	En = 1, EnLA = 0, EnHA = 0, LAMd = 0, HAMd = 0, LoA = 0, HiA = 0, LoS = 0, HiS = 0, LoP = 0, HiP = 0, Uni =
3	W4010LAN_E3B782-AI3	4 ~ 20 mA	En = 1, EnLA = 0, EnHA = 0, LAMd = 0, HAMd = 0, LoA = 0, HiA = 0, LoS = 0, HiS = 0, LoP = 0, HiP = 0, Uni =
Avg	W4010LAN_E3B782-AIAv	****	En = 0, EnLA = 0, EnHA = 0, LAMd = 0, HAMd = 0, LoA = 0, HiA = 0, LoS = 0, HiS = 0, LoP = 0, HiP = 0, Uni =

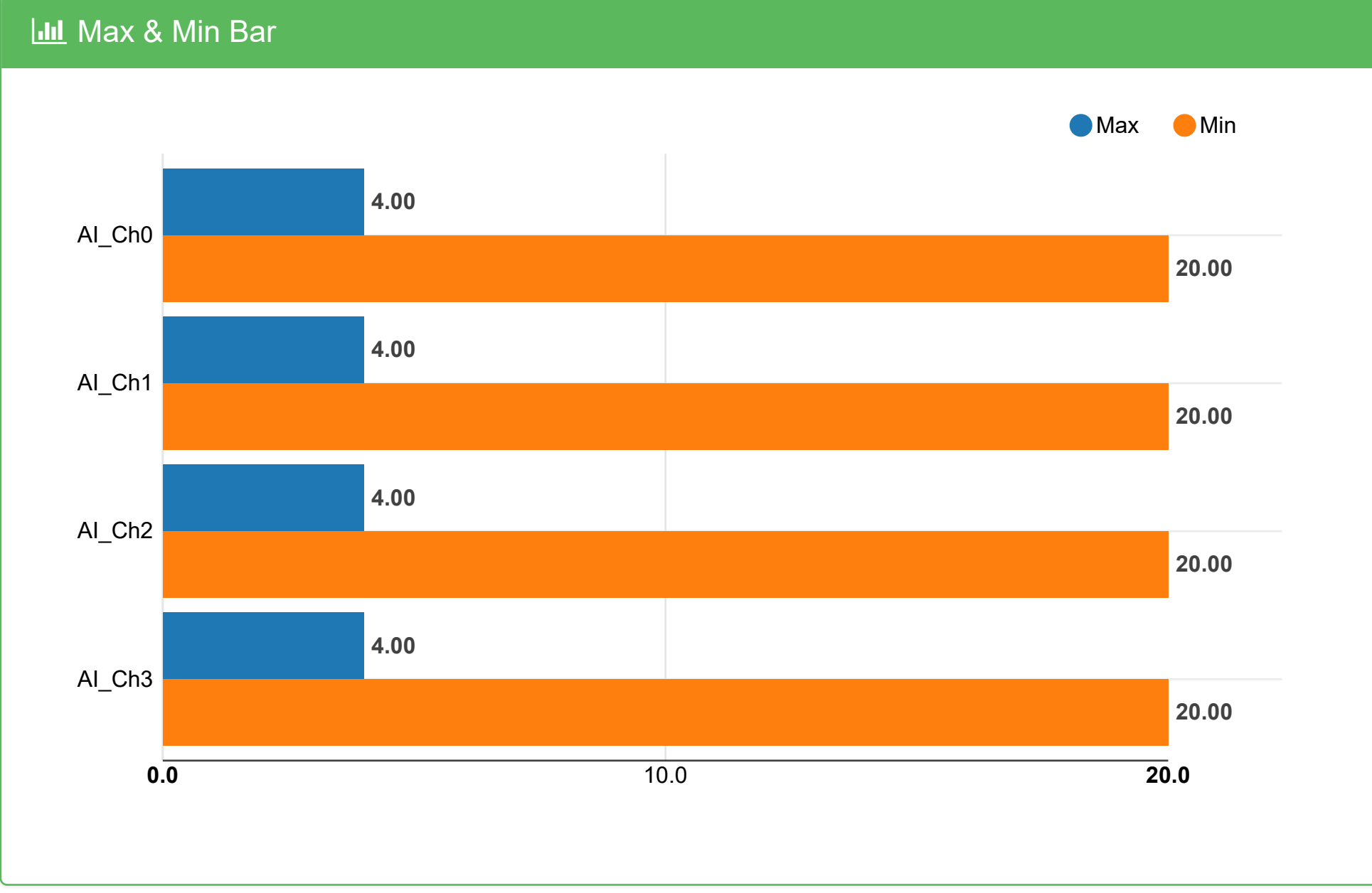
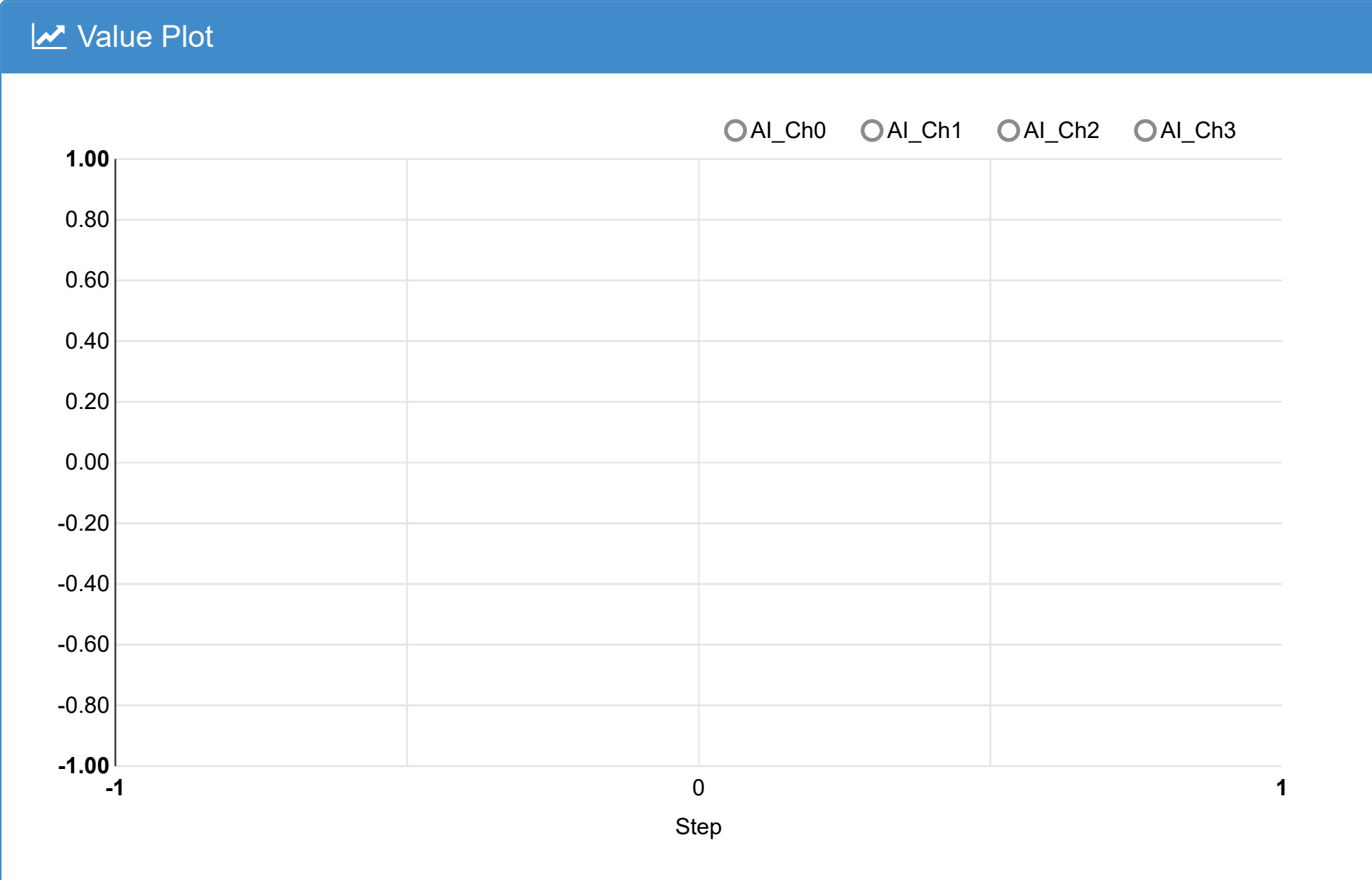
- Information
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IO Status

AI DO

Status Configuration Trend

AI Trend



Information

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I/O Status

Advanced ▾

IO Status

AI

DO

Status Configuration Trend

Status

Channel	Mode	Status
0	DO	<input type="checkbox"/> OFF
1	DO	<input checked="" type="checkbox"/> ON
2	DO	<input checked="" type="checkbox"/> ON
3	DO	<input checked="" type="checkbox"/> ON

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IO Status

AI

DO

Status

Configuration

Trend

Configuration

Channel

Tag Name

Mode

All data will be cleared in the data logger if Channel Mode is changed.

Refresh

FSV

 True/False

Overview

Channel	Tag Name	Mode	Parameter
0	W4010LAN_E3B782-DO0	DO	FSV = 0
1	W4010LAN_E3B782-DO1	DO	FSV = 0
2	W4010LAN_E3B782-DO2	DO	FSV = 0
3	W4010LAN_E3B782-DO3	DO	FSV = 0

Information

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IO Status

AI

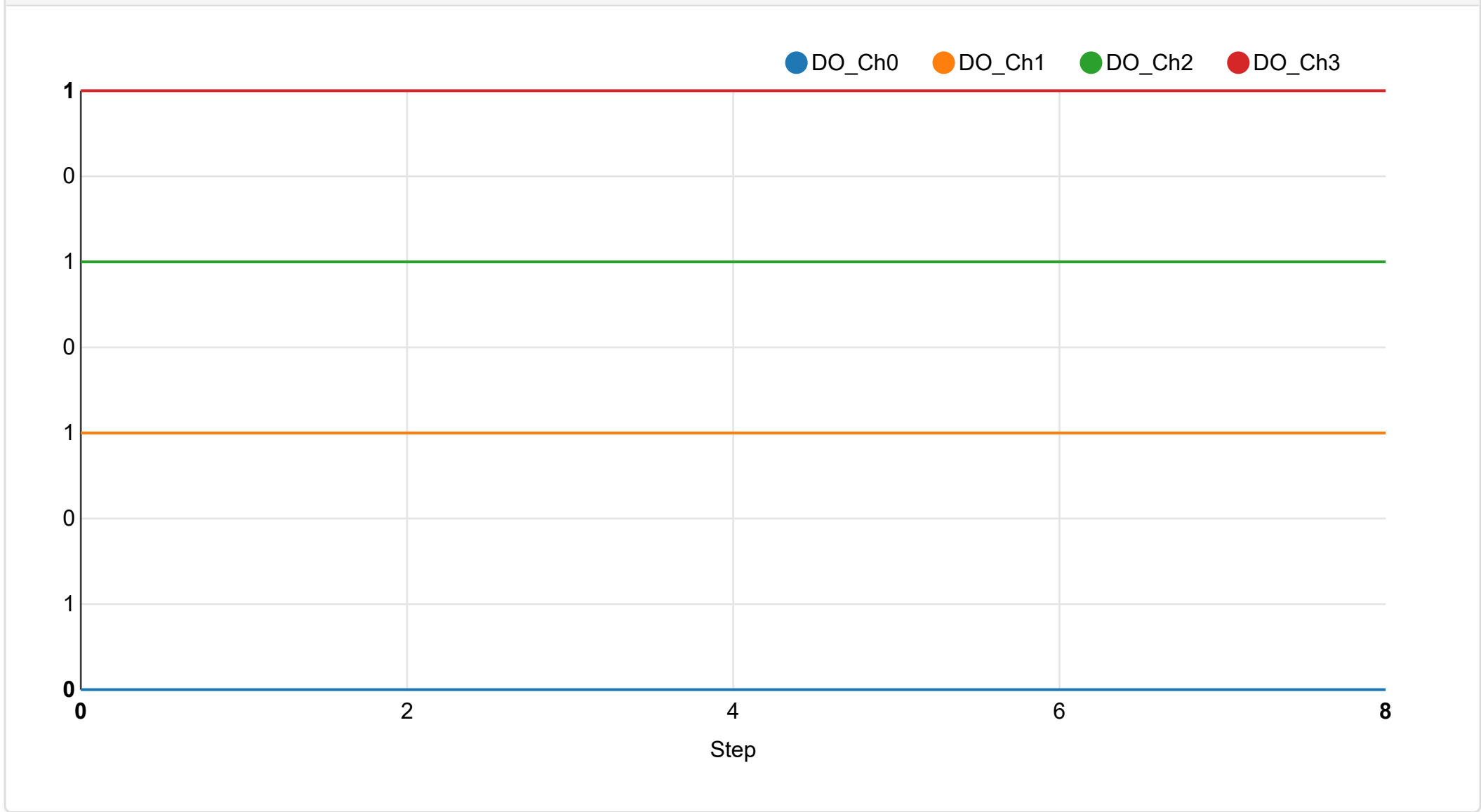
DO

Status

Configuration

Trend

DO Trend



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Advanced Function



Access Control

For avoiding from unauthorized access, this function provided manage which host PC or device has been permitted to remotely control module by IP or MAC Address.

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Data Logger

For easy retrieving history of data form device, this function provided data logging and recording without programming.

[Go to →](#)

Diagnostician

For diagnose the device, this function provided organization status for specific function in device.

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Information

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I/O Status





Advanced

Access Control

Enable/Disable <input type="checkbox"/>	IP(Ex: 255.255.255.255)
<input type="checkbox"/> 0	255.255.255.255
<input type="checkbox"/> 1	255.255.255.255
<input type="checkbox"/> 2	255.255.255.255
<input type="checkbox"/> 3	255.255.255.255
<input type="checkbox"/> 4	255.255.255.255
<input type="checkbox"/> 5	255.255.255.255
<input type="checkbox"/> 6	255.255.255.255
<input type="checkbox"/> 7	255.255.255.255

Submit



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-  I/O Status
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Data Logger

- Data Configuration
- Logger Configuration
- Local Data Query

- I/O Configuration
- System Configuration

Log Conditions

- By Period
- By Communication WDT Log

IO Trigger Log Conditions

By AI Deviation Rate

General

- Clear Log when Power Up
- Circular Log when Memory Full

Log Data

Channel Fields
IO Fields

DO/Relay
AI

Channel	Log Enabled <input type="checkbox"/>	Change of State <input type="checkbox"/>
0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>

i All data will be cleared in the data logger if parameter in the "Channel Fields" is changed.

✓ Submit

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Data Logger

[Data Configuration](#)[Logger Configuration](#)[Local Data Query](#)[I/O Configuration](#)[System Configuration](#)

Log System Events

- Wireless Connection
- Wireless Disconnection
- Communication WDT
- Cloud Upload fail
- Cloud Push fail
- Time Synchronization fail
- Power on/off
- Memory full/overwrite
- Access Control fail
- Password error
- Firmware upgrade
- Battery low
- Internal configuration Error
- Internal flash access error
- P2P event
- Web Server event

[✔ Submit](#)

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- Advanced

Data Logger

Data Configuration **Logger Configuration** Local Data Query

Memory Storage

I/O Log

System Log

Cloud Upload (CSV format)

Cloud Upload

File Name Format

Timestamp Format

IO Log Upload

Data Upload

0.1 sec

File Tag

System Log Upload

Data Upload

File Tag

Push Notification (JSON format)

I/O Log

System Log

Submit

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Data Logger

Data Configuration

Logger Configuration

Local Data Query

I/O Data Query

System Data Query

IO Data Query Format

UUID Enabled/Disabled

MAC ID Enabled/Disabled

Timestamp

Local Date and Time(GMT)

Query Filter

Filter Mode

Amount of Latest Data

Current Total Amount

27927

Total Amount

20

Query

Clear

Information

Configuration

I/O Status

Advanced

Data Logger

Data Configuration

Logger Configuration

Local Data Query

I/O Data Query

System Data Query

System Data Query Format

UUID Enabled/Disabled

MAC ID Enabled/Disabled

Timestamp

Local Date and Time(GMT)

Query Filter

Filter Mode

Amount of Latest Data

Current Total Amount

Total Amount

Query

Clear

Information

Configuration

I/O Status

Advanced ▾

🔗 Diagnostician

Name	Description	Value
📄 Data Logger	Event Status	Built-in logging is out of memory(No space left)

Peer to Peer

Mode Destination

Mode Disable Basic Advanced

Submit Mode

Periodically Transmission

QoS Level for Response no response

Encryption Type AES-128

Destination Port 5048

Advanced Mode

Note: Detail Configuration Parameters are shown in Config Dialog.

Configuration

Channel	Enable	Input Mode	Output Mode	C.O.S	Period Time	Map to CH	Config
AI_0	false	High or Low alarm	DO	No	5	0	
AI_1	false	High or Low alarm	DO	No	5	0	
AI_2	false	High or Low alarm	DO	No	5	0	
AI_3	false	High or Low alarm	DO	No	5	0	

Apply

Information

Configuration

I/O Status

Advanced

Peer to Peer

Mode

Destination

Index	IP address	Model Name	Password
0	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
1	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
2	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
3	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
4	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
5	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
6	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
7	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
8	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
9	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
10	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
11	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
12	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
13	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
14	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>
15	<input type="text" value="255.255.255.255"/>	<input type="text" value="WISE-4012"/>	<input type="text"/>

Apply