

1 YEAR
WARRANTY

QUICK START

OMEGA[®] User's Guide



OME-WISE-7115

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OME-WISE-7000 SERIES Web-Based Intelligent PAC Controllers



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WARNING: These products are not designed for use in, and should not be used for, human applications.



Quick Start Guide for OME-WISE-7000 Series Web-Based Intelligent PAC Controllers

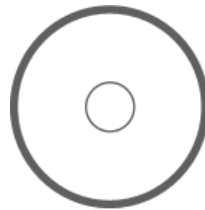
Thank you for purchasing an OME-WISE-7000 Series module – one of the most cost-effective automation solutions for remote monitoring and control applications. This Quick Start Guide will provide you with minimum information to get started with the OME-WISE-7000 Series. It is intended for use only as a quick reference. For more detailed information and procedures, please refer to the full user manual on the CD included in this package.

What's In the Box?

In addition to this guide, the package includes the following items:



OME-WISE-7000 Series Module



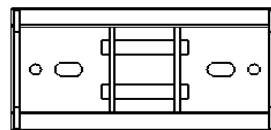
Software Utility CD



Screw Driver



A4 Sheet (Quick Start)



Plastic DIN-Rail Mounting Kit

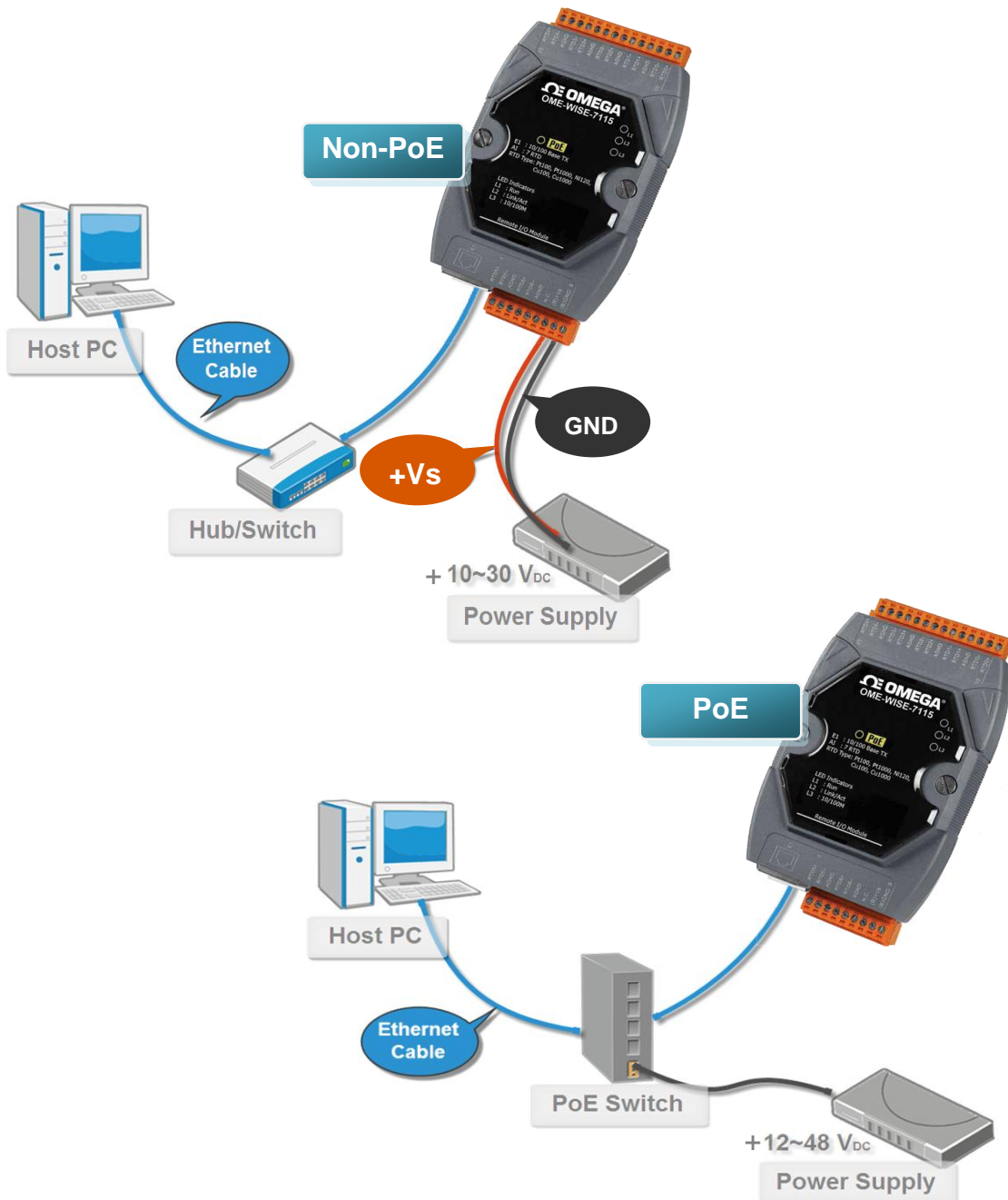


1 Configure Boot Mode

Make sure the switch is in the “Normal” position.

2 Connect to Network, PC and Power

Connect to Ethernet hub/switch and PC via the RJ-45 Ethernet port.



3 Install MiniOS7 Utility

Step 1: Get the MiniOS7 Utility tool

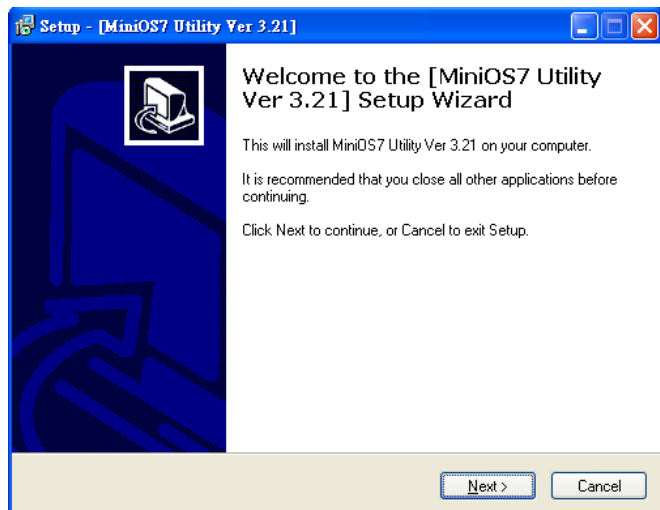


The MiniSO7 Utility can be obtained from companion CD.

Step 2: Follow the prompts to complete the installation



After the installation has been completed, a new short-cut for MiniOS7 Utility will appear on the desktop.



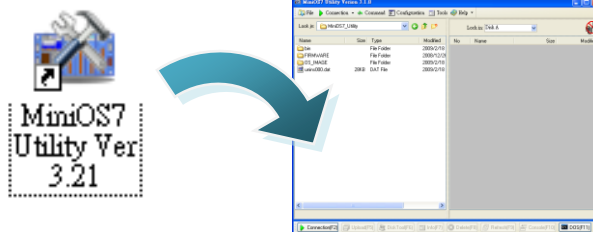
4 Assign a New IP by MiniOS7 Utility

Each module comes with a default IP address; please assign a new IP address to the module. The factory default IP settings are as follows:

Item	Default
IP Address	192.168.255.1
Subnet Mask	255.255.0.0
Gateway	192.168.0.1

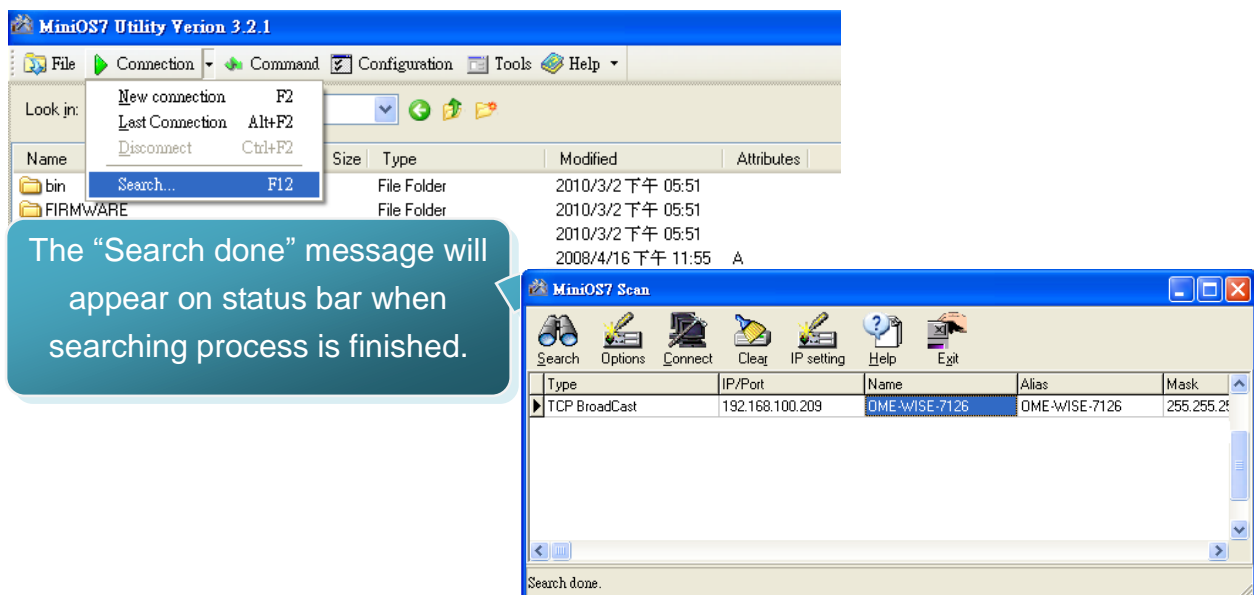
Step 1: Run MiniOS7 Utility

Double-click the MiniOS7 Utility shortcut on your desktop.



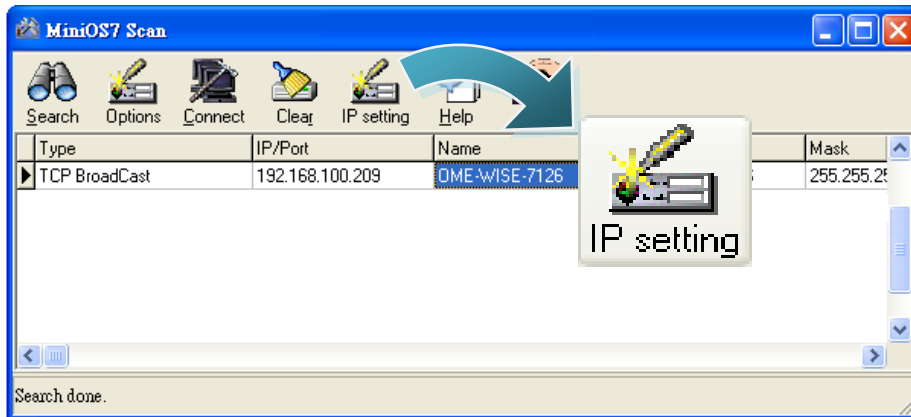
Step 2: Press “F12” or click “Search” from the “Connection” menu

Press “F12” or click “Search” from the Connection menu, a MiniOS7 Scan dialog will appear and will display all the MiniOS7 modules that are currently connected to your network.

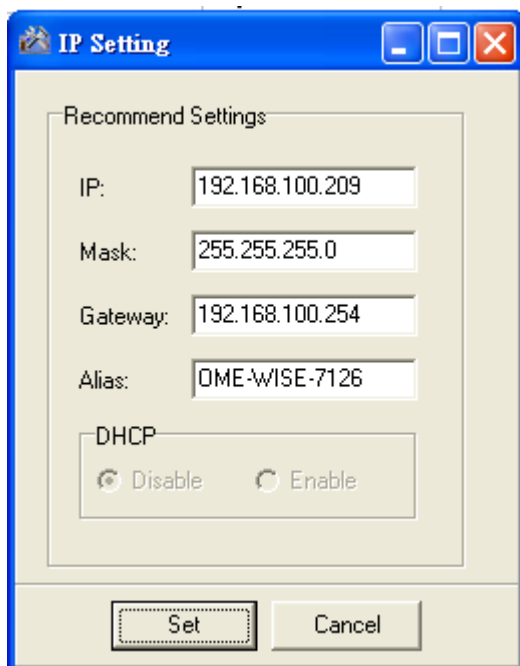


Step 3: Select the module name and then click “IP setting” from the toolbar

Select the module name from the list of the fields, and then click “IP setting” from the toolbar.

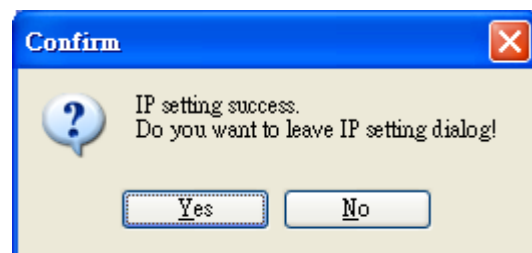


Step 4: Assign a new IP address and then click “Set” button



Step 5: Click “Yes” button

After completing the settings, click the “Yes” button to save and exit the procedure.



5 Go to OME-WISE-7000 Web Site to edit control logic.

Please follow the steps below to implement IF-THEN-ELSE control logic on controllers:

Step 1: Open a browser

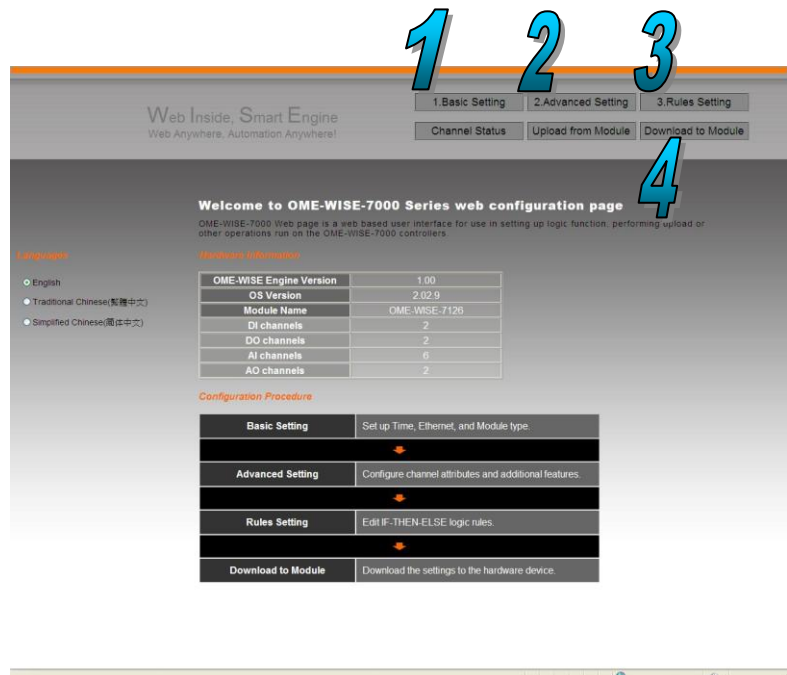
Open a browser (recommended internet browsers: Mozilla Firefox or Internet Explorer).

Step 2: Type in the URL address of the OME-WISE-7000 Series

Make sure the IP address assigned is accurate (please refer to section 4: “Assign a New IP by MiniOS7 Utility). Type in the URL address of the OME-WISE-7000 Series module in the address bar.

Step 3: Get on the OME-WISE-7000 Series web site

Get on the OME-WISE-7000 Series web site. Implement the control logic configuration in the order as indicated in the diagram.



Step 4: Edit Basic Settings

Modify the Alias of the OME-WISE-7000 Series module, Ethernet setting of the OME-WISE-7000 Series module, the analog input/output range, or the downloading password in the Basic Setting page as needed.

1. Basic Setting

Name Setting

Module Setting

Ethernet Setting

Password Setting

Module Setting Page

Module: OME-WISE-7117

AI Voltage & Current Input

AI0	AI1	AI2	AI3
-150 mV ~ 150 mV	-150 mV ~ 150 mV	-150 mV ~ 150 mV	-150 mV ~ 150 mV
AI4	AI5	AI6	AI7
-150 mV ~ 150 mV	-150 mV ~ 150 mV	-150 mV ~ 150 mV	-150 mV ~ 150 mV

Ethernet Setting Page

IP: 192 . 168 . 100 . 249

Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 100 . 254

Save

Step 5: Edit Advanced Settings

Edit channel attribute, internal register, Timer, Email, CGI commands, Recipe, and P2P configuration settings in the Advanced Setting page as needed.

2. Advanced Setting

DI Attribute Setting

DO Attribute Setting

AI Attribute Setting

AO Attribute Setting

Internal Register Setting

Timer Setting

Schedule Setting

Email Setting

CGI Command Setting

Recipe Setting

P2P Setting

DO Attribute Setting Page

Module & Channel: OME-WISE-7117 Channel: 0

Nickname

Power On Value: OFF

Counter

Condition: Disable

Initial Value: 0 (Range: 0 ~ 65535)

Enable Pulse Output

Pulse High: 0 x 10ms (Range: 1 ~ 65535)

Pulse Low: 0 x 10ms (Range: 1 ~ 65535)

Timer Setting Page

Timer Amount: 0

Index

Period: 0 Sec

Initial Status: Stop

Recipe Attribute Setting Page

Recipe Amount: 0

Index

Action: None Add

Edit Delete Clear All

Save

Step 6: Edit Rule Settings

Edit your IF-THEN-ELSE rules in the Rules Setting page.

Web Inside, Smart Engine
Web anywhere, click to automate!

1.Basic Setting 2.Advanced Setting 3.Rules Setting

Channel Status Upload from Module Download to Module

3.Rules Setting

Rule Manager

Copy Reset

Reorder Swap

Enable	No.	Edit	Status
<input type="checkbox"/>	Rule 1	Edit	
<input type="checkbox"/>	Rule 2	Edit	
<input type="checkbox"/>	Rule 3	Edit	
<input type="checkbox"/>	Rule 4	Edit	
<input type="checkbox"/>	Rule 5	Edit	
<input type="checkbox"/>	Rule 6	Edit	

Rules Setting Page

Rule 1

Description

	IF		THEN		ELSE
Condition1	None		Action1	None	Action1
Condition2	None		Action2	None	Action2
Condition3	None		Action3	None	Action3
Operator	None				

Clear Save

Step 7: Download to Module

After finishing rules setting, download the rules to the OME-WISE-7000 Series module. The OME-WISE-7000 Series module will reboot and execute the rules automatically.

Web Inside, Smart Engine
Web anywhere, click to automate!

1.Basic Setting 2.Advanced Setting 3.Rules Setting

Channel Status Upload from Module Download to Module

3.Rules Setting

Rule Manager

Copy Reset

Reorder Swap

Enable	No.	Edit	Status
<input checked="" type="checkbox"/>	Rule 1	Edit	OK
<input type="checkbox"/>	Rule 2	Edit	
<input type="checkbox"/>	Rule 3	Edit	
<input type="checkbox"/>	Rule 4	Edit	
<input type="checkbox"/>	Rule 5	Edit	
<input type="checkbox"/>	Rule 6	Edit	
<input type="checkbox"/>	Rule 7	Edit	
<input type="checkbox"/>	Rule 8	Edit	
<input type="checkbox"/>	Rule 9	Edit	
<input type="checkbox"/>	Rule 10	Edit	

Rule Overview

Rule 1(Enable)

Description:

< IF >

Internal_register1 = 0

< THEN >

Internal_register1 = 0

The download process is completed.

100%

Close

Step 8: For more detail information, please refer to OME-WISE-7000 Series User Manual

WARRANTY/DISCLAIMER

OMEGA ENGINEERING, INC. warrants this unit to be free of defects in materials and workmanship for a period of **13 months** from date of purchase. OMEGA's WARRANTY adds an additional one (1) month grace period to the normal **one (1) year product warranty** to cover handling and shipping time. This ensures that OMEGA's customers receive maximum coverage on each product.

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The purchaser is responsible for shipping charges, freight, insurance and proper packaging to prevent breakage in transit.

FOR **WARRANTY** RETURNS, please have the following information available BEFORE contacting OMEGA:

1. Purchase Order number under which the product was PURCHASED,
2. Model and serial number of the product under warranty, and
3. Repair instructions and/or specific problems relative to the product.

FOR **NON-WARRANTY** REPAIRS, consult OMEGA for current repair charges. Have the following information available BEFORE contacting OMEGA:

1. Purchase Order number to cover the COST of the repair,
2. Model and serial number of the product, and
3. Repair instructions and/or specific problems relative to the product.

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