



Quick Start Guide for WISE-7xxx Series Module

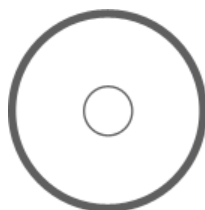
September 2010, Version 1.1

Welcome!

Thank you for purchasing WISE-7xxx – 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 WISE-7xxx. 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:



WISE-7xxx Series Module

Software Utility CD

Screw Driver

Technical Support

- **WISE-71xx User Manual**(ICP DAS WISE User Manual_v1.1en_71xx.pdf)
CD : \WISE-71xx\document\User Manual\
ftp://ftp.icpdas.com/pub/cd/wise_cd/wise-71xx/document/user_manual/
- **WISE-790x User Manual**(ICP DAS WISE User Manual_v1.1en_790x.pdf)
CD : \WISE-790x\document\User Manual\
ftp://ftp.icpdas.com/pub/cd/wise_cd/wise-790x/document/user_manual/
- **WISE Website**
<http://wise.icpdas.com/>
- **ICP DAS Website**
<http://www.icpdas.com/>

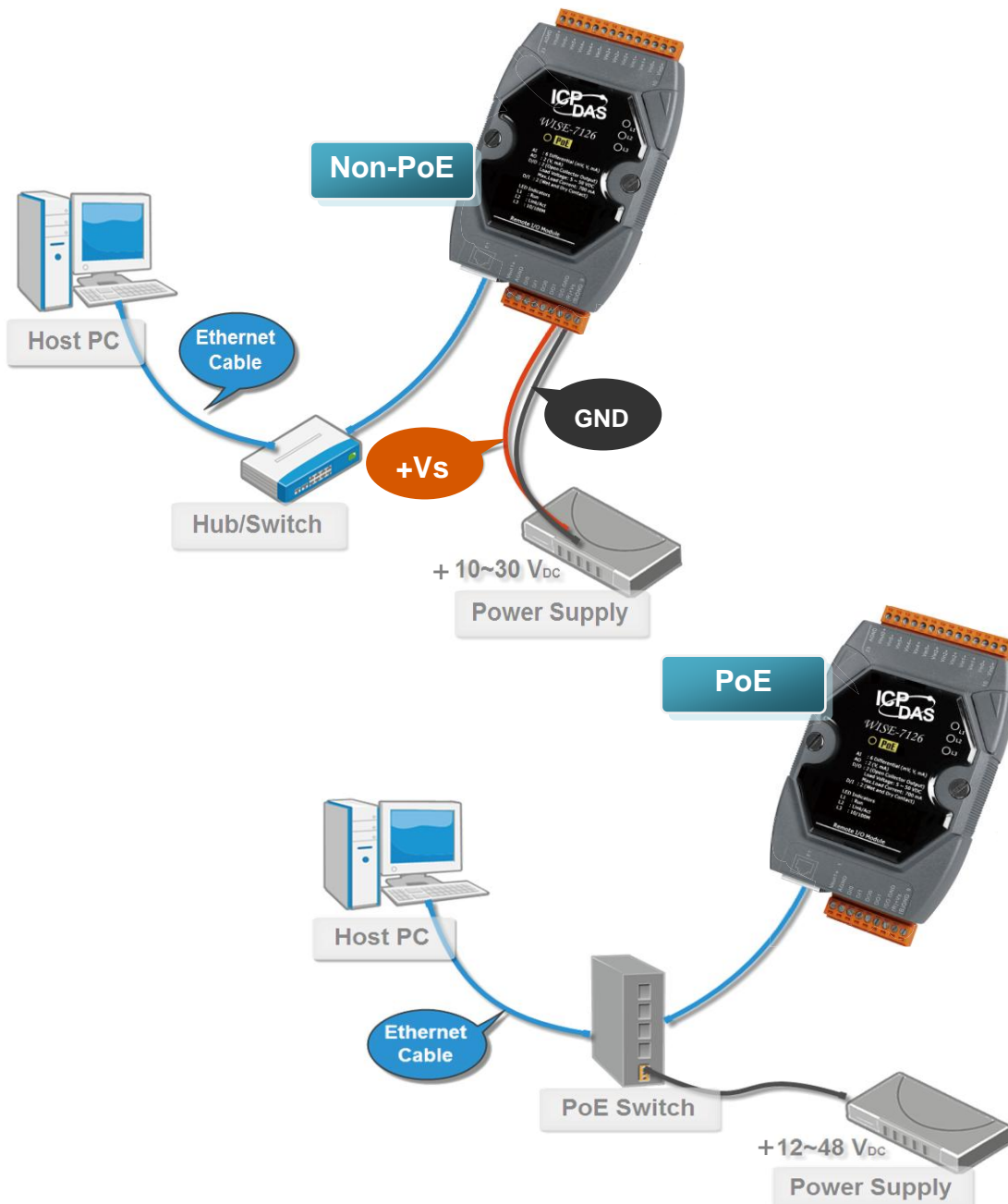


1 Configure Boot Mode

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 or our FTP site:

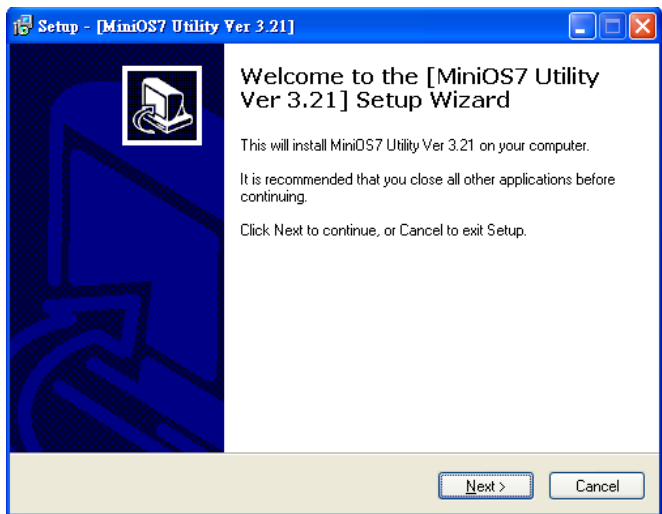
CD: \Tools\MiniOS7_Utility\

ftp://ftp.icpdas.com/pub/cd/wise_cd/tools/minios7_utility/

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.



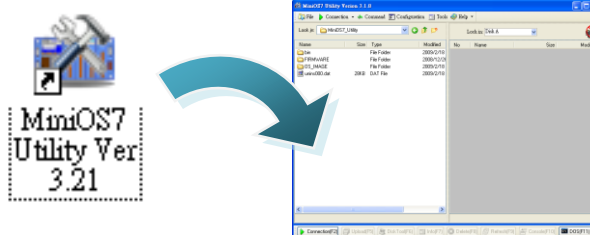
4 Assign a New IP by MiniOS7 Utility

WISE-7xxx comes with a default IP address; please assign a new IP address to the WISE 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 |

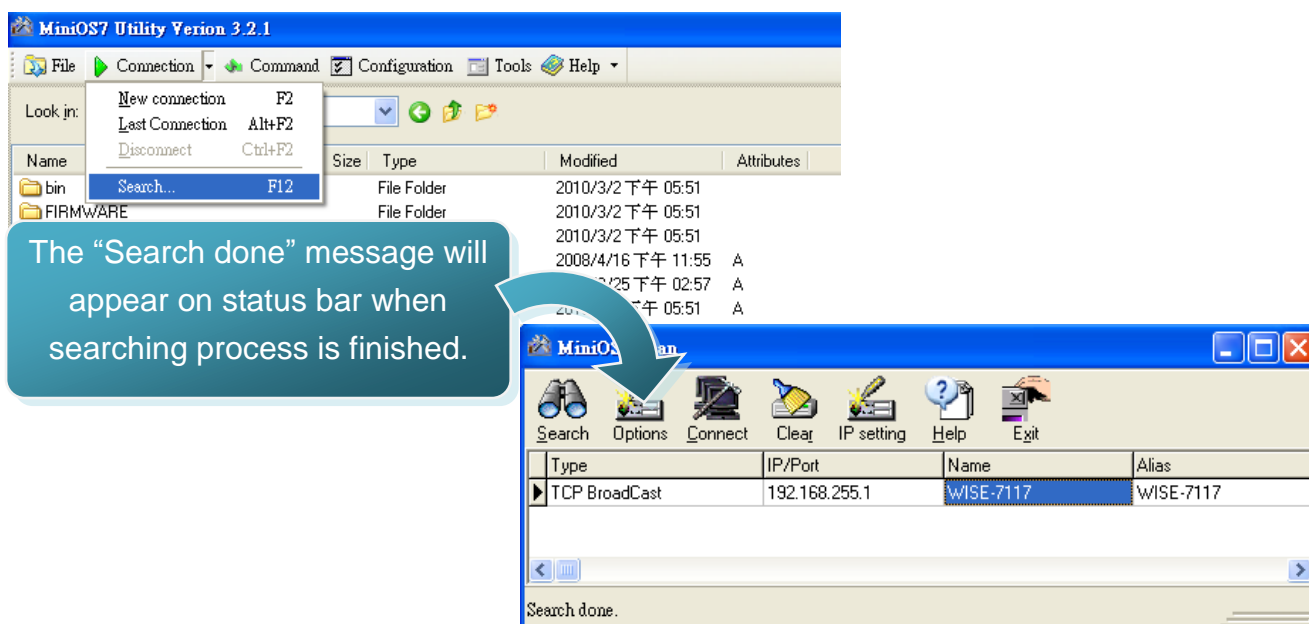
Step 1: Run MiniOS7 Utility

Double-click the MiniOS7 Utility shortcut on your desktop.



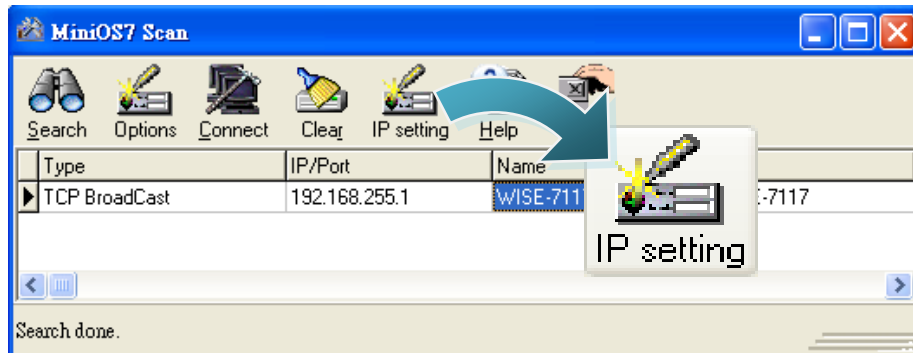
Step 2: Press “F12” or click “Search” from the “Connection” menu

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.

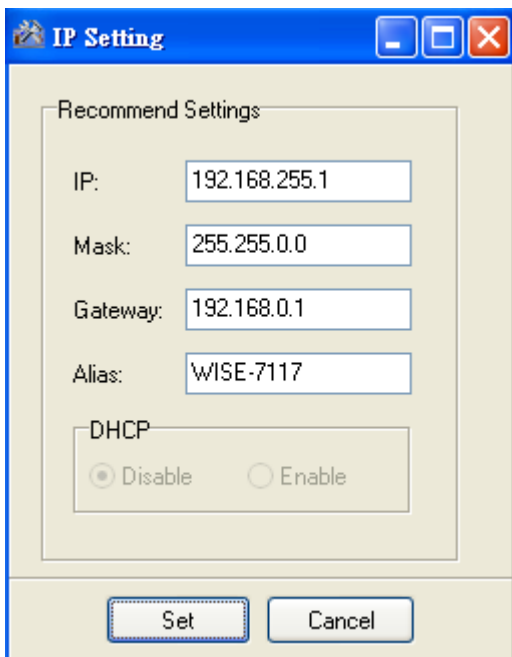


Step 3: Select the module name and then click “IP setting” from the toolbar

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

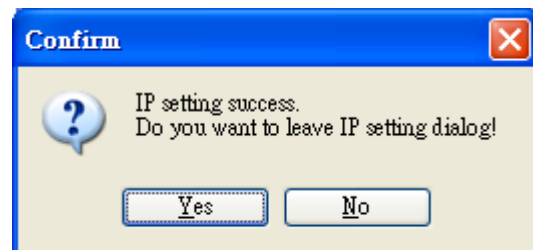


Step 4: Assign a new IP address and then click “Set” button



Step 5: Click “Yes” button

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



5 Go to WISE-7xxx 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 WISE-7xxx

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 WISE-7xxx module in the address bar.

Step 3: Get on the WISE-7xxx web site

Get on the WISE-7xxx web site. Implement the control logic configuration in the order as indicated in the diagram.

The screenshot shows the WISE-7xxx web configuration interface. At the top, there are three numbered steps: 1. Basic Setting, 2. Advanced Setting, and 3. Rules Setting. Below these are buttons for Channel Status, Upload from Module, and Download to Module. The main content area is titled 'Welcome to ICP DAS WISE web configuration page' and includes a table of hardware information and a configuration procedure table.

| Hardware Information | |
|----------------------|-----------|
| WISE Engine Version | 1.1 |
| OS Version | 2.02.9 |
| Module Name | WISE-7117 |
| DI channels | 0 |
| DO channels | 4 |
| AI channels | 6 |
| AO channels | 0 |

| Configuration Procedure | |
|-------------------------|---|
| Basic Setting | Set up Time, Ethernet, and Module type. |
| Advanced Setting | Configure channel attributes and additional features. |
| Rules Setting | Edit IF-THEN-ELSE logic rules. |
| Download to Module | Download the settings to the hardware device. |

Step 4: Edit Basic Settings

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

The screenshot displays the ICP DAS web interface. On the left, the '1. Basic Setting' menu is visible with buttons for Name Setting, Module Setting, Ethernet Setting, and Password Setting. The 'Module Setting Page' is shown, featuring a dropdown menu for the 'Module' set to 'WISE-7117'. Below this is the 'AI Voltage & Current Input' section with a table of settings for AI0 through AI7, each with a range of '-150 mV ~ 150 mV'. A 'Save' button is located below the table. The 'Ethernet Setting Page' is also shown, with fields for IP (192.168.100.249), Mask (255.255.255.0), and Gateway (192.168.100.254), along with a 'Save' button. Blue arrows point from the 'Module Setting', 'Ethernet Setting', and 'Password Setting' buttons in the Basic Setting menu to their respective configuration pages.

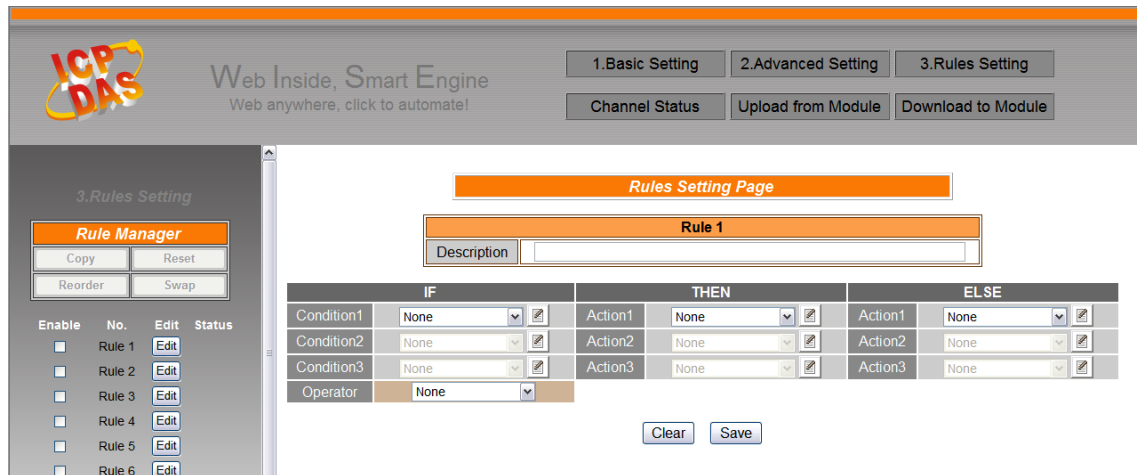
Step 5: Edit Advanced Settings

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

The screenshot displays the ICP DAS web interface. On the left, the '2. Advanced Setting' menu is visible with buttons for DI Attribute Setting, DO Attribute Setting, AI Attribute Setting, AO Attribute Setting, Internal Register Setting, Timer Setting, E-mail Setting, CGI Command Setting, Recipe Setting, and P2P Setting. The 'DO Attribute Setting Page' is shown, with fields for 'Module & Channel' (WISE-7117) and 'Channel' (0), and a 'Power On Value' set to 'OFF'. Below this is the 'Counter' section with 'Condition' set to 'Disable' and 'Initial Value' set to 0. The 'Enable Pulse Output' section has 'Pulse High' and 'Pulse Low' both set to 0 X 10ms. The 'Timer Setting Page' is also shown, with 'Timer Amount' set to 0, 'Index' set to a dropdown, 'Period' set to 0 Sec, and 'Initial Status' set to 'Stop'. The 'Recipe Attribute Setting Page' is shown with 'Recipe Amount' set to 0, 'Index' set to a dropdown, and 'Action' set to 'None' with an 'Add' button. A 'Save' button is located at the bottom of the Recipe Attribute Setting page. Blue arrows point from the 'DO Attribute Setting', 'Timer Setting', and 'Recipe Setting' buttons in the Advanced Setting menu to their respective configuration pages.

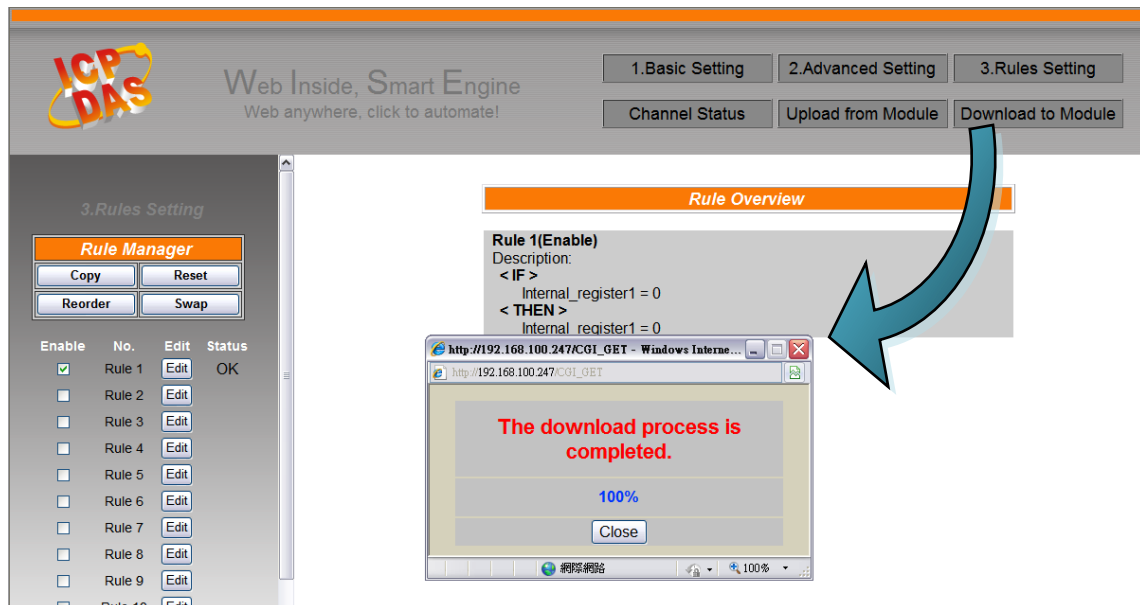
Step 6: Edit Rule Settings

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



Step 7: Download to Module

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



Step 8: For more detail information, please refer to WISE User Manual