



Quick Start Guide for WISE-4000 Series Module

February 2010, Version 1.0

Welcome!

Thank you for purchasing WISE-4000 – 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-4000. 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:

- One WISE-4000 hardware module
- One Quick Start Manual (this manual)
- One companion CD
- One GPRS antenna
- Two mounting screws
- Two L-type wall mount flat pieces

Technical Support

- **WISE-4000 User Manual**(ICP DAS WISE User Manual_v1.0en_4000.pdf)

CD : \WISE-4000\document\User Manual\

[ftp://ftp.icpdas.com/pub/cd/wise_cd/WISE-4000\document\User Manual\](ftp://ftp.icpdas.com/pub/cd/wise_cd/WISE-4000\document\User Manual/)

- **WISE Website**

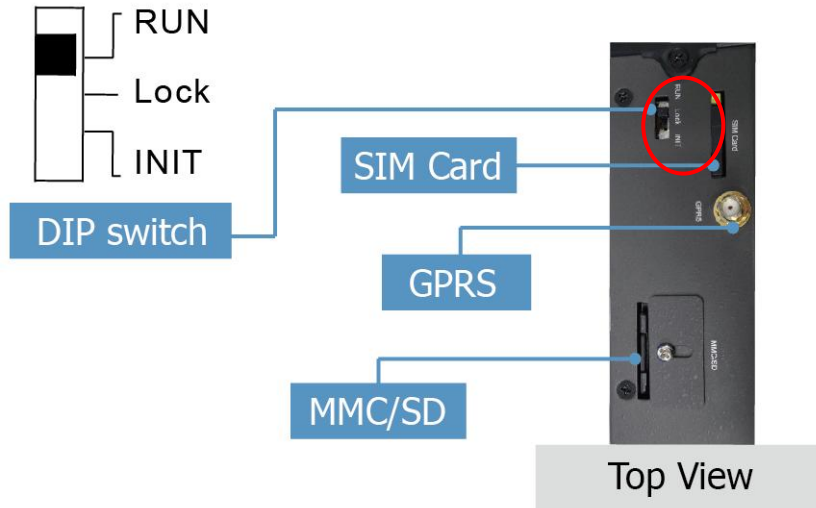
<http://wise.icpdas.com/>

- **ICP DAS Website**

<http://www.icpdas.com/>

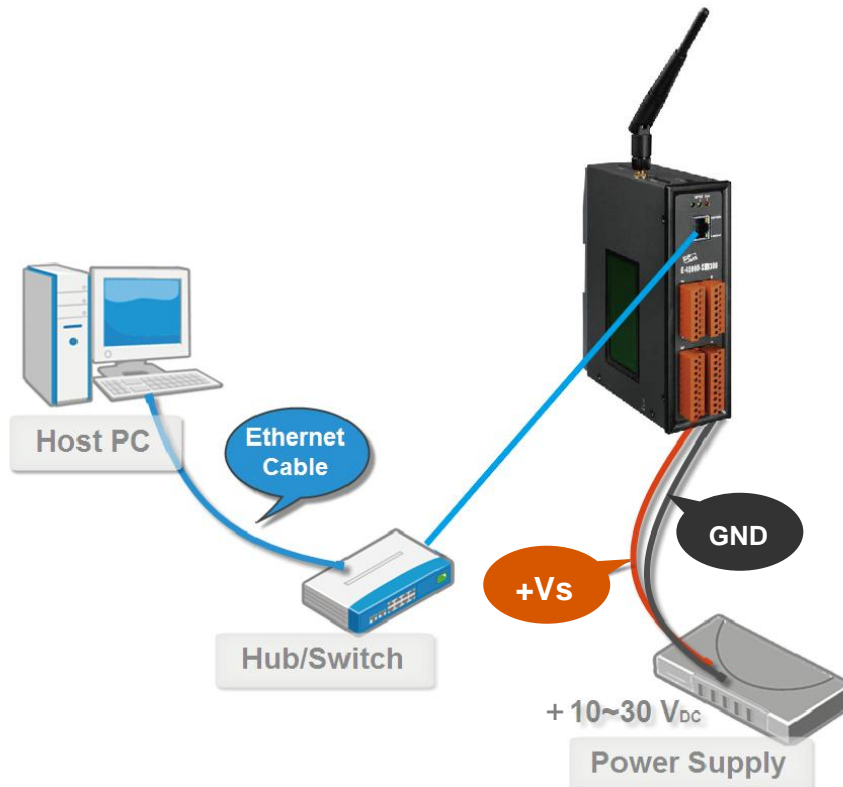
1 Configure Boot Mode

Make sure the switch is in the "Run" 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\

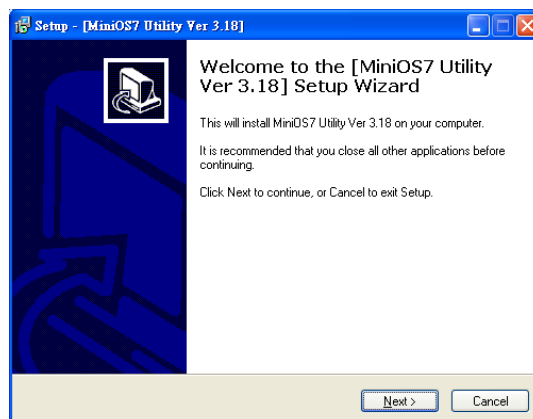
ftp://ftp.icpdas.com/pub/cd/wise_cd/tools/minios7_utility/

Step 2: Follow the prompts to complete the installation



MiniOS7 Utility
Ver 3.18

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



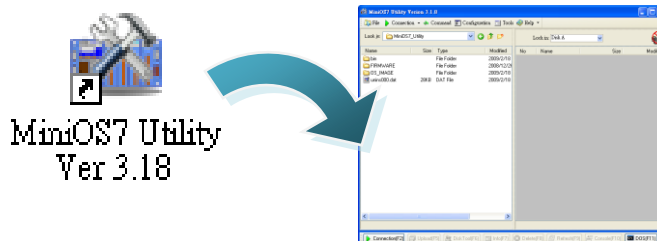
4 Assign a New IP by MiniOS7 Utility

WISE-4000 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

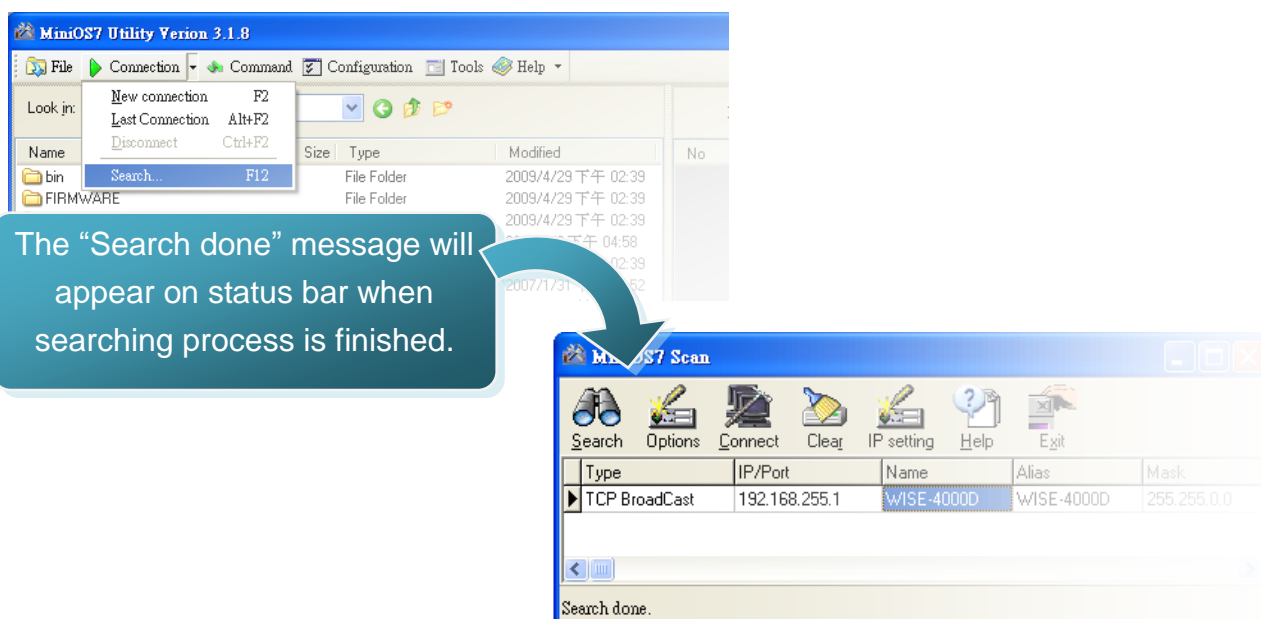
Step 1: Run MiniOS7 Utility

Double-click the MiniOS7 Utility shortcut on your desktop.



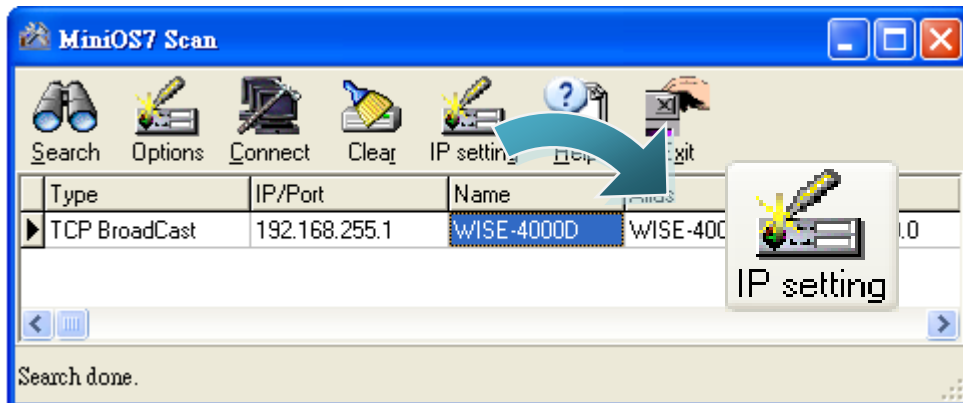
Step 2: Press “F12” or click “Search” from the “Connection” menu

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.

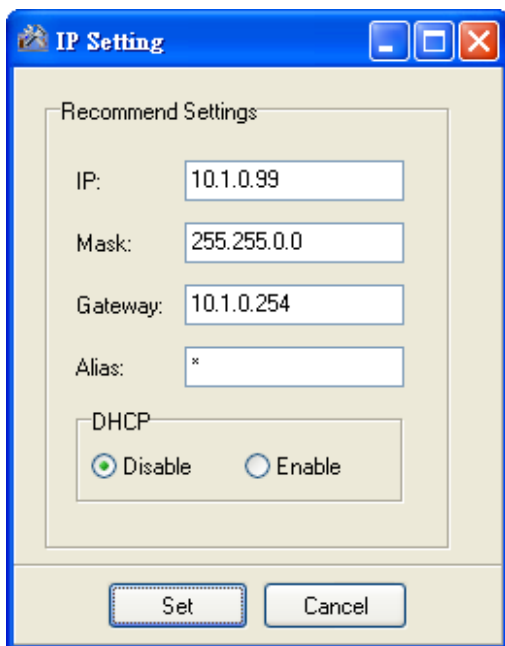


Step 3: Select the module name and then click “IP setting” from the toolbar

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

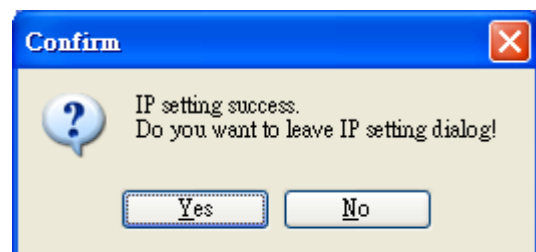


Step 4: Assign a new IP address and then click “Set” button



Step 5: Click “Yes” button

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



5 Go to WISE-4000 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-4000

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-4000 module in the address bar.

Step 3: Get on the WISE-4000 web site

Get on the WISE-4000 web site. Implement the control logic configuration in the order as indicated in the diagram.

The screenshot shows the WISE-4000 web configuration interface. At the top, there are navigation buttons: '1. Basic Setting', '2. Advanced Setting', '3. Rules Setting', 'Channel Status', 'Download to PC', and 'Upload to Module'. A large blue number '4' is overlaid on the 'Upload to Module' button. Below the navigation is a 'Welcome to ICP DAS WISE' message and a 'Web configuration page' section. A table titled 'Hardware Information' lists: WISE Engine Version (1.00), OS Version (2.04.9), Module Name (WISE-4000), DI channels (3), DO channels (3), AI channels (8), and AO channels (0). Below this is a 'Configuration Procedure' section with a table of steps: '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), and 'Upload to Module' (Upload the settings to the hardware device). Large blue numbers 1, 2, and 3 are overlaid on the top navigation buttons.

Step 4: Edit Basic Settings

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

The screenshot shows the ICP DAS Web Inside, Smart Engine interface. The left sidebar contains a menu with 'Time Setting' and 'Ethernet Setting' highlighted. The main content area is divided into two sections:

Time Setting Page

Date	Year: 2009	Month: 12	Day: 4
Time	9	: 38	: 2

Ethernet Setting Page

IP	192	.	168	.	100	.	249
Mask	255	.	255	.	255	.	0
Gateway	192	.	168	.	100	.	254

Step 5: Edit Advanced Settings

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

The screenshot shows the ICP DAS Web Inside, Smart Engine interface. The left sidebar contains a menu with 'Timer Setting', 'DI Attribute Setting', and 'Internal Register Setting' highlighted. The main content area is divided into three sections:

Timer Setting Page

Timer Amount	0
Index	
Period	0 Sec
Initial Status	Stop

DI Attribute Setting Page

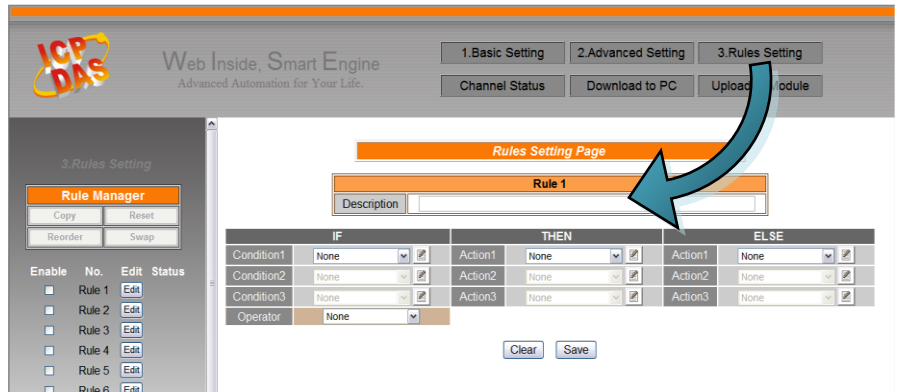
Module & Channel	WISE-7026	Channel 0
Filter	0	X 10ms
Condition	None	
Initial Value	0	

Internal Register Setting Page

No.01	No.02	No.03	No.04
No.05	No.06	No.07	No.08
No.09	No.10	No.11	No.12
No.13	No.14	No.15	No.16
No.17	No.18	No.19	No.20
No.21	No.22	No.23	No.24
No.25	No.26	No.27	No.28
No.29	No.30	No.31	No.32
No.33	No.34	No.35	No.36
No.37	No.38	No.39	No.40
No.41	No.42	No.43	No.44
No.45	No.46	No.47	No.48

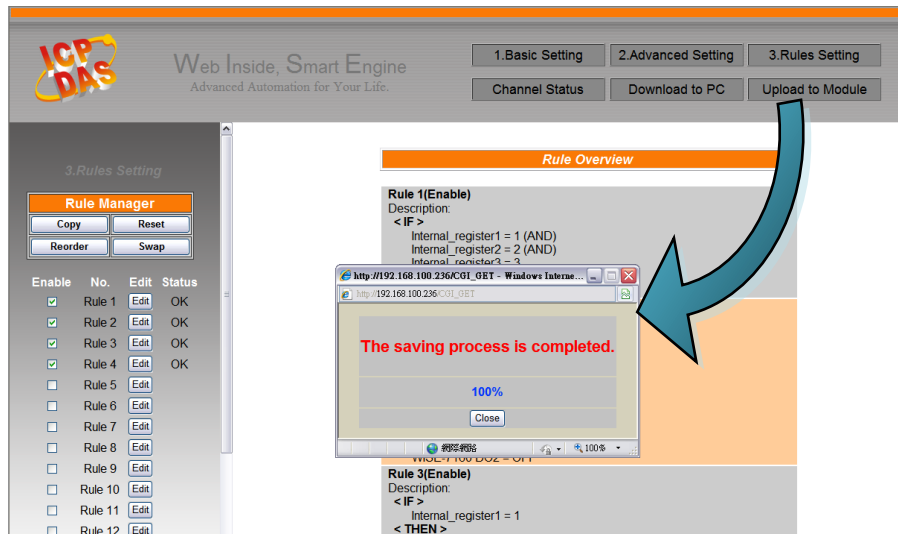
Step 6: Edit Rule Settings

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



Step 7: Upload to Module

After finishing rules setting, upload 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