ΩΞ OMEGA®

User's Guide

CON1
(10-ch analog inputs)

ΩΞ OMEGA®

OME-ET-7019Z

○ L1
○ L2
○ L3

CPU : 80186-80
E1 : 10/100 Base TX
AI : 10 Differential(TC, mV, V,
mA(Jumper selectable))
D/O : 6 (Open Collector Output)
Load Voltage: 5 ~ 50VDC
Max. Load Current: 700mA

LED Indicators
L1 : Run
L2 : Link/Act
L3 : 10/100M

Ethernet I/O Module

CON1
(10-ch analog inputs)

ΩΞ OMEGA®

OME-PET-7019Z

○ L1
○ L2
○ L3

○ PoE

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mA(Jumper selectable))
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L3 : 10/100M

Ethernet I/O Module

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OME-PET-7000 SERIES
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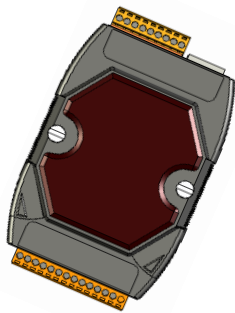e-mail: info@omega.de

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Quick Start Guide for
OME-ET-7000and OME-PET-7000
Ethernet I/O Modules

Congratulations on purchasing OME-ET-7000/OME-PET-7000 series - the most popular automation solution for remote monitoring and control application. This Quick Start Guide will provide information needed to get started with OME-ET-7000/OME-PET-7000 series. Please also consult the User Manual for detailed information on the setup and use of OME-ET-7000/OME-PET-7000 series.

What's in the Box?

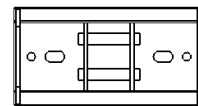In addition to this guide, the package includes the following items:
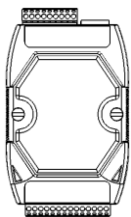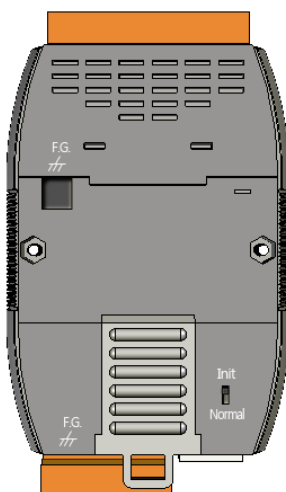
1 x Module	2 x A4 Sheet (Quick Start)	1 x CD	1 x Plastic DIN-Rail Mounting Kit	1 x Screw Driver

1 ---
# Configuring Boot Mode

Init Mode: For system configuration. After booting, an OME-ET-7000/OME-PET-7000 series module will not run the default firmware and cannot surf the internet. Use this mode to update MiniOS7 image.

Normal Mode: For normal working. After booting, an OME-ET-7000/OME-PET-7000 series module will run the default firmware and can use all OME-ET-7000/OME-PET-7000 series functions.

2 Connecting to Network, PC and Power

The OME-ET-7000/OME-PET-7000 series is equipped with an RJ-45 Ethernet port for connection to an Ethernet hub/switch and PC
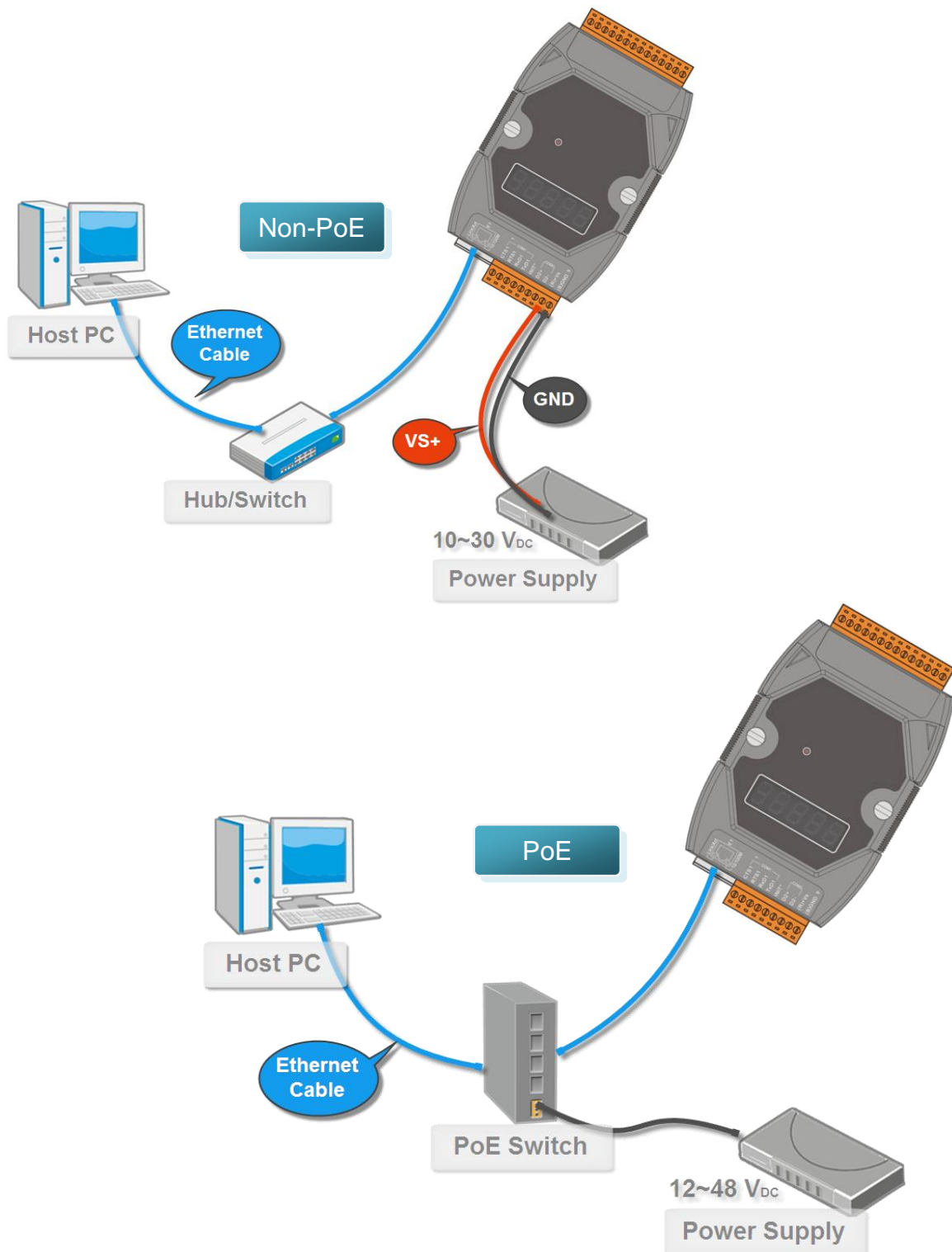
3 Installing the MiniOS7 Utility
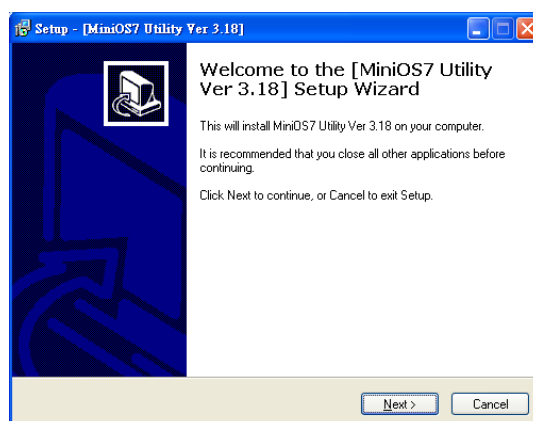
Step 1: Get the MiniOS7 Utility tool

The MiniSO7 Utility can be obtained from companion CD.

Step 2: Follow the prompts to complete the installation

MiniOS7 Utility
Ver 3.18

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

4 Using MiniOS7 Utility to Assign a New IP

The OME-ET-7000/OME-PET-7000 series are Ethernet device, which comes with a default IP address, therefore, you must first 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

Double-click the MiniOS7 Utility
shortcut on your desktop.
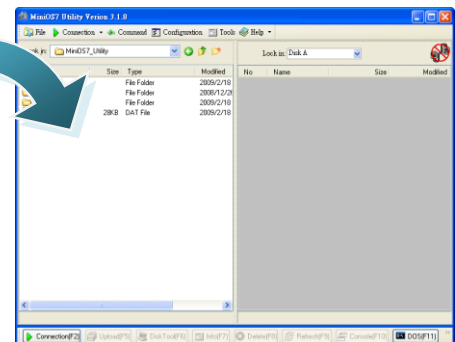
After pressing F12 or choosing Search from Connection menu, the MiniOS7 Scan
dialog will appear, that will display a list of all the MiniOS7 modules on your network.
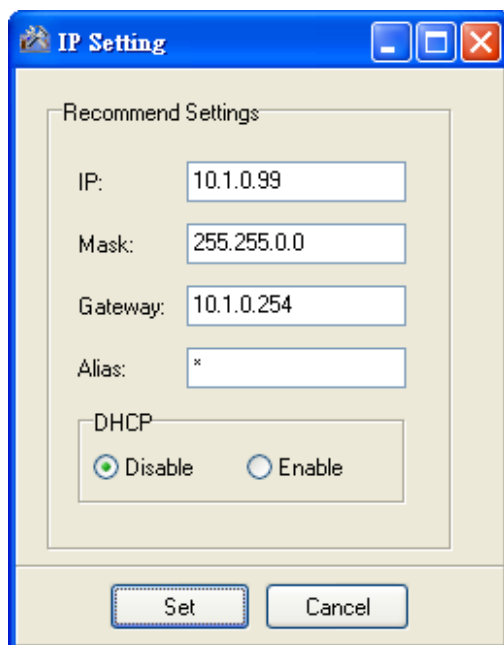
See the status tip, waiting
for the search to be done.
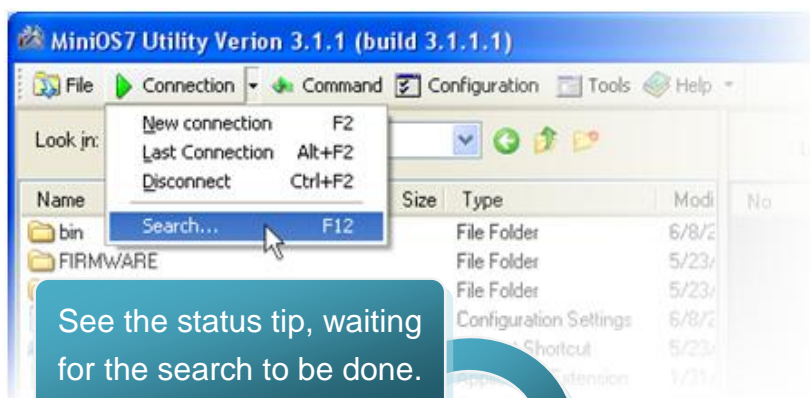
Step 3: Choose the module name and then choose "IP setting" from the toolbar

Choose the module name for fields in the list, and then choose IP setting from the toolbar.
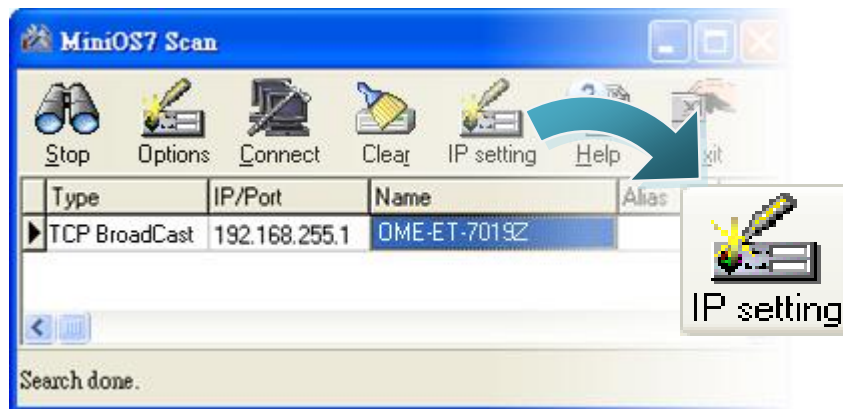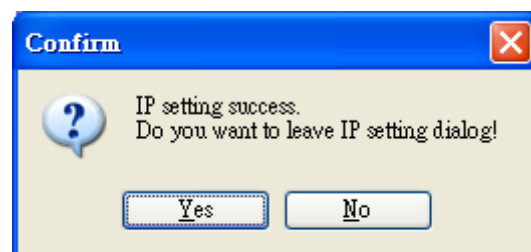

Step 4: Assign a new IP address and then choose "Set" button

Step 5: Choose "Yes" button

After completing the settings, press the Yes button in the Confirm dialog box to exit the procedure.

5 Enabling Adobe Flash Player in Your Brower

Your browser must support Adobe Flash Player and have it enabled in order to use the OME-ET-7000/OME-PET-7000 series web site.

If you do not have it installed, please go to the following website to and install it.

The Adobe Flash Player Download Center:
http://get.adobe.com/flashplayer/

6 Go to the OME-ET-7000/OME-PET-7000 series Web Site to Check out Functions

The OME-ET-7000/OME-PET-7000 series contains an advanced web configuration system that provides users with access to OME-ET-7000/OME-PET-7000 series applications through a standard web browser.

Step 1: Start OME-ET-7000/OME-PET-7000 series

Make sure the switch placed in the "Normal" position.
Then reboot OME-ET-7000/OME-PET-7000 series.
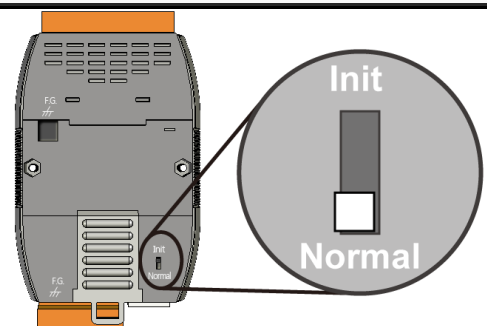
Step 2: Open a browser

Please use a standard internet browser to view the OME-ET-7000/OME-PET-7000 series webpage, such as Mozilla Firefox or Internet Explorer…, etc.

If you haven't changed the default IP address of the OME-ET-7000/OME-PET-7000 series module, please refer to Step 6. "Using MiniOS7 Utility to Assign a New IP" to configure it.

After entering the IP address, the login dialog box will appear and prompt you to enter your username and password.

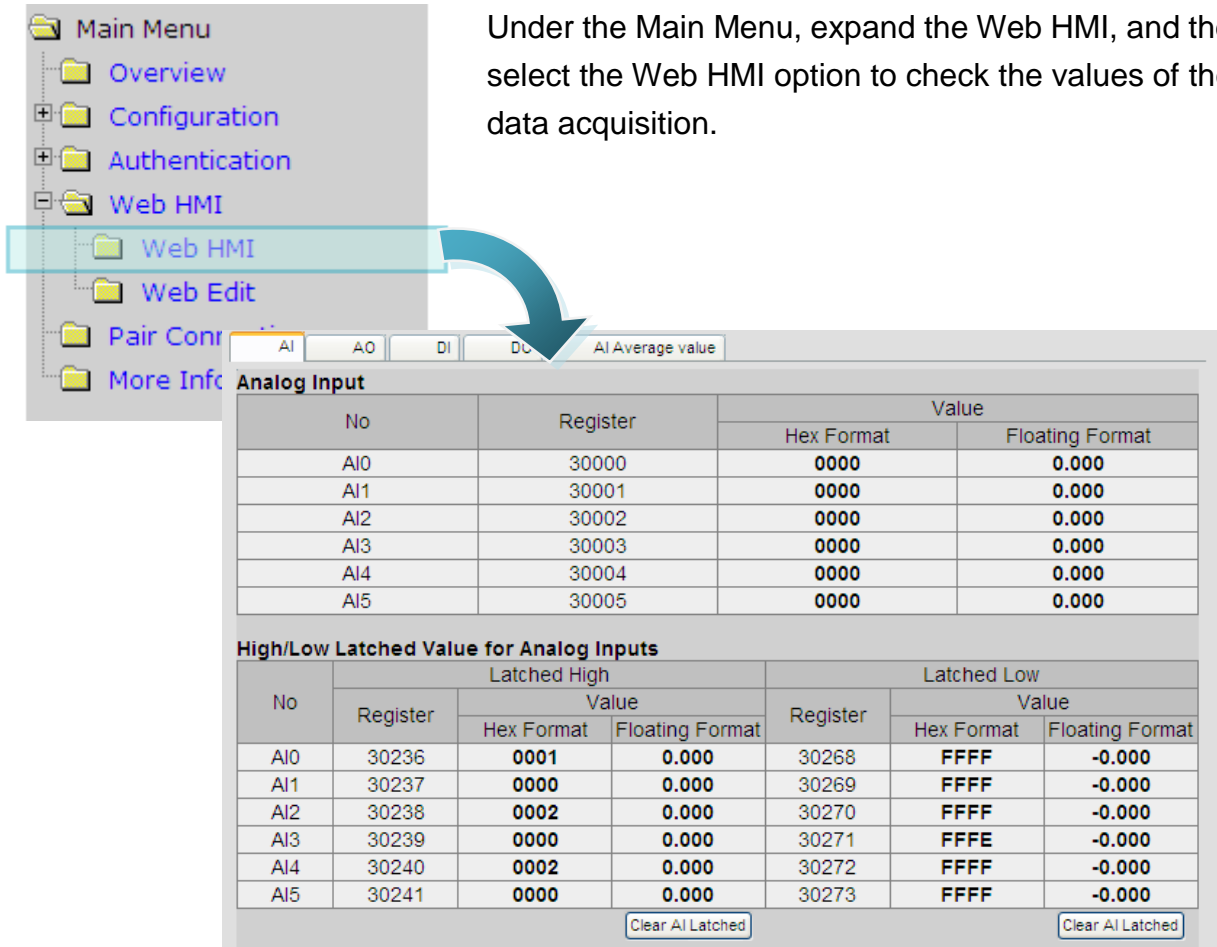The factory default user name and password are as follows:

Item	Default
User name	Admin
Password	Admin
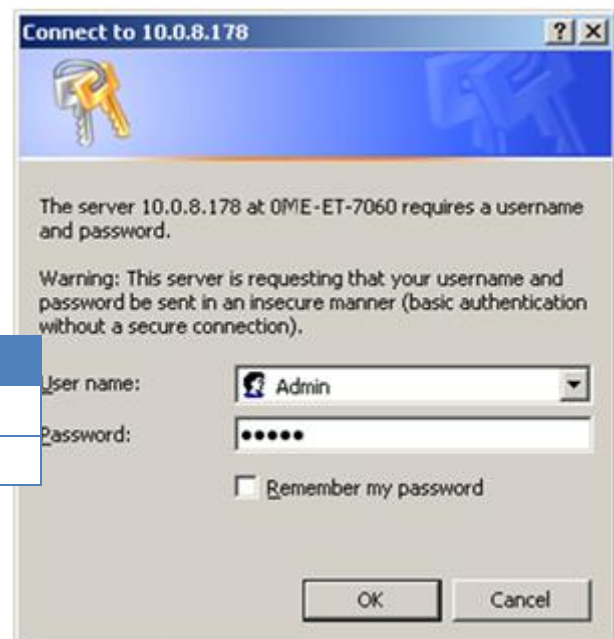
After logging into the OME-ET-7000/OME-PET-7000 series web site, the welcome page will appear.

Step 6: Check out the data acquisition services

Under the Main Menu, expand the Web HMI, and then select the Web HMI option to check the values of the data acquisition.

Analog Input

No	Register	Value	
		Hex Format	Floating Format
AI0	30000	0000	0.000
AI1	30001	0000	0.000
AI2	30002	0000	0.000
AI3	30003	0000	0.000
AI4	30004	0000	0.000
AI5	30005	0000	0.000

High/Low Latched Value for Analog Inputs

No	Latched High			Latched Low		
	Register	Value		Register	Value	
		Hex Format	Floating Format		Hex Format	Floating Format
AI0	30236	0001	0.000	30268	FFFF	-0.000
AI1	30237	0000	0.000	30269	FFFF	-0.000
AI2	30238	0002	0.000	30270	FFFF	-0.000
AI3	30239	0000	0.000	30271	FFFE	-0.000
AI4	30240	0002	0.000	30272	FFFF	-0.000
AI5	30241	0000	0.000	30273	FFFF	-0.000
		Clear AI Latched			Clear AI Latched	

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2. Model and serial number of the product, and
3. Repair instructions and/or specific problems relative to the product.

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