Quick Start Guide for
PET-7000/ET-7000

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

What's In the Box?

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

PET-7000/ET-7000 Module
Software Utility CD

Technical Support

- PET-7000 / ET-7000 Website
  http://www.icpdas-usa.com/remote_ethernet_io_modules.html

- ICP DAS USA Website
  http://www.icpdas-usa.com/

  Phone : 1-310-517-9888
  Email: sales@icpdas-usa.com
  Tech Support: tech@icpdas-usa.com
1 Configuring Boot Mode

**Init** mode: For configuration. After booting, ET-7000 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, ET-7000 will run the default firmware and can use all ET-7000 functions.

2 Connecting to Network, PC and Power

The ET-7000 is equipped with an RJ-45 Ethernet port for connection to an Ethernet hub/switch and PC.

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ET-7000 series Ethernet Remote I/O - QuickStart (Feb/2016)  
ICP DAS USA, Inc. | [www.icpdas-usa.com](http://www.icpdas-usa.com) | 1-310-517-9888 | 24309 Narbonne Ave. Suite 200. Lomita, CA 90717
3 Installing the MiniOS7 Utility

Step 1: Get the MiniOS7 Utility tool

The MiniOS7 Utility can be obtained from companion CD or our site:

CD:\Napdos\minios7\utility\minios7_utility\ http://www.icpdas-usa.com/minios7utility.html

Step 2: Follow the prompts to complete the installation

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 ET-7000 are Ethernet devices, which comes with a default IP address, therefore, you must first assign a new IP address to the ET-7000.

The factory default IP settings are as follows:

<table>
<thead>
<tr>
<th>Item</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP Address</td>
<td>192.168.255.1</td>
</tr>
<tr>
<td>Subnet Mask</td>
<td>255.255.0.0</td>
</tr>
<tr>
<td>Gateway</td>
<td>192.168.0.1</td>
</tr>
</tbody>
</table>
Step 1: Run the MiniOS7 Utility

Double-click the MiniOS7 Utility shortcut on your desktop.

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

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.
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.

![Image of IP setting dialog box]

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.
Enabling Adobe Flash Player in Your Browser

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

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

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

Go to the ET-7000 Web Site to Check out Functions

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

Step 1: Start ET-7000/PET-7000

Make sure the switch placed in the “Normal” position.
Then reboot ET-7000/PET-7000.

Step 2: Open a browser

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

If you haven’t changed the default IP address of the ET-7000, please refer to “4. Using MiniOS7 Utility to Assign a New IP” to configure it.
Step 4: Fill out the User name and Password

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 (Case sensitive):

<table>
<thead>
<tr>
<th>Item</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>User name</td>
<td>Admin</td>
</tr>
<tr>
<td>Password</td>
<td>Admin</td>
</tr>
</tbody>
</table>

Step 5: Welcome to ET-7000 web site

After logging into the ET-7000 web site, the welcome page will appear.
Under the Main Menu, expand the Web HMI, and then select the Web HMI option to check the values of the data acquisition.