

Classification	XPAC System Maintenance FAQ				No.	2-017-01	
Author	Weikai	Version	1.0.1	Date	2012/8/13	Page	1/10

## How to use the Web Utility from a Web Browser

*Applied to:*

<i>Platform</i>	<i>OS version</i>	<i>XPAC Utility version</i>
<i>XPAC series</i>	<i>All versions (WinCE6)</i>	<i>All versions</i>

The Web Utility is a series of built-in web pages embedded on the XPAC that allows users to easily configure the XPAC from a remote location using a standard web browser without needing to connect a monitor, mouse or keyboard.

### Supported browsers

On windows-based computers, the XPAC Web Utility supports IE 8, Firefox 3.2, Google Chrome 13, and Opera 11 and later editions.

Supports Safari 4.0 and earlier editions.

### Web Utility and XPAC Utility

The Web Utility is similar to the XPAC Utility, so the operation of both is almost the same. If you are a new user for XPAC Utility, please refer to Section 3.2 of the XP-8000-CE6 user manual or Section 3.1.10 of the XP-8000-Atom-CE6 user manual. However, there are still a number of differences between the Web Utility and the XPAC Utility, which are detailed below.

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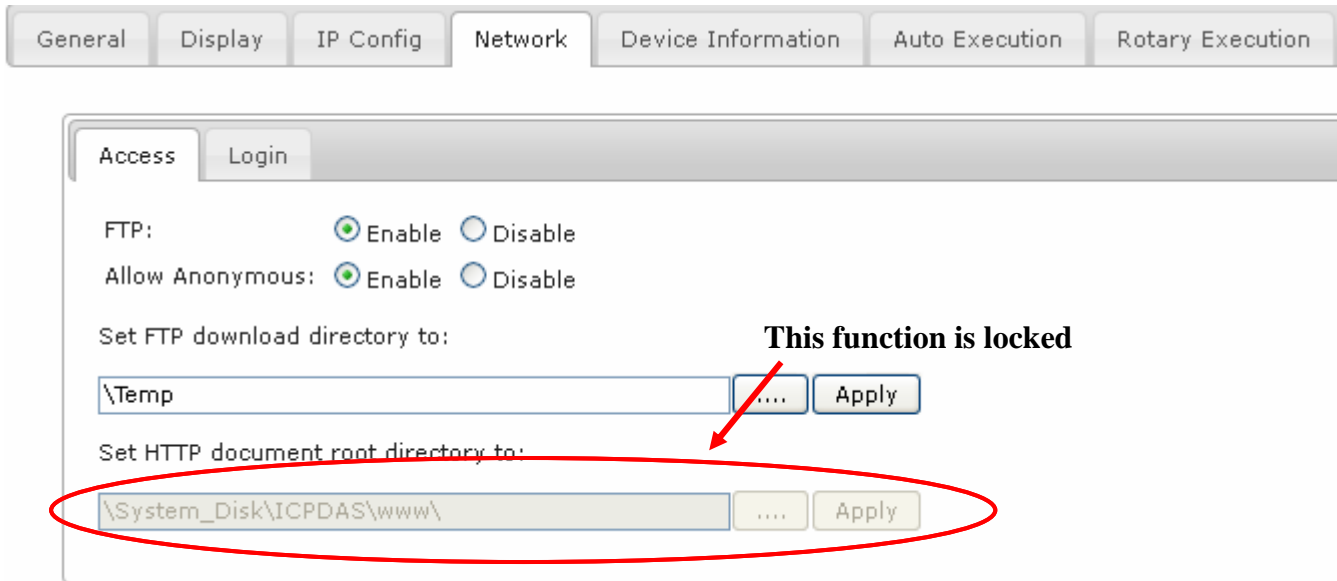
**1. The registry can't be saved using the Web Utility.**

If you select the "Manual Save to Flash" option in the XPAC Utility, clicking "Save" from the "File" menu allows you to save your registry, but the Web Utility doesn't provide a function for saving the registry, so be aware that if you select this option when using the Web Utility, your settings won't be saved.



**2. The default HTTP document folder can't be changed using the Web Utility.**

The default path to the HTTP document folder is "\System\_Disk\ICPDAS\www", and files related to the Web Utility are included in this path. If the location of the HTTP document folder is changed, the Web Utility will no longer function after rebooting. Consequently, this function is locked.



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### 3. Reboot XPAC in the Web Utility

The Web Utility includes a unique “Maintenance” page, which is used to reboot the XPAC.



Click the "Reboot the XPAC" button and the XPAC will be rebooted after 3 seconds.

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## Web Utility Troubleshooting

The Web Utility must be accessed using a web browser. However, there may still be some problems that are related to the browser. Restarting your browser may resolve the problem, but if the problem still exists, the following may help to identify a solution.

### Q: Why is no directory information shown on the web pages?

#### Answer:

If the web page displayed is similar to that shown in the image below, the following procedure may help to solve the problem.



#### Step 1. Check the version information for your browser version.

If you are using a version of Safari that is later than 4.0, no information will be displayed as Safari 4.0 and above is unable to access information from the XPAC. The only solution is to either change browser (i.e., IE, Firefox, or Chrome, etc.), or use an earlier version of Safari.

#### Step 2. Refresh the page.

The Web Utility may sometimes return a data error. In these cases, it is necessary to refresh the page before attempting to access the data again. To refresh the page, use the reload button on your browser, or press "F5" on your keyboard.

#### Step 3. Clear the browser cache.

If you are using a browser other than Safari (i.e., IE, Firefox, or Chrome, etc.), clearing the browser cache may often resolve the problem. As each browser uses a different method for clearing the cache, you should consult the help file for your specific browser for information related to your specific browser. Once the cache has been cleared, refresh the page using the method described above and the information should be displayed correctly.

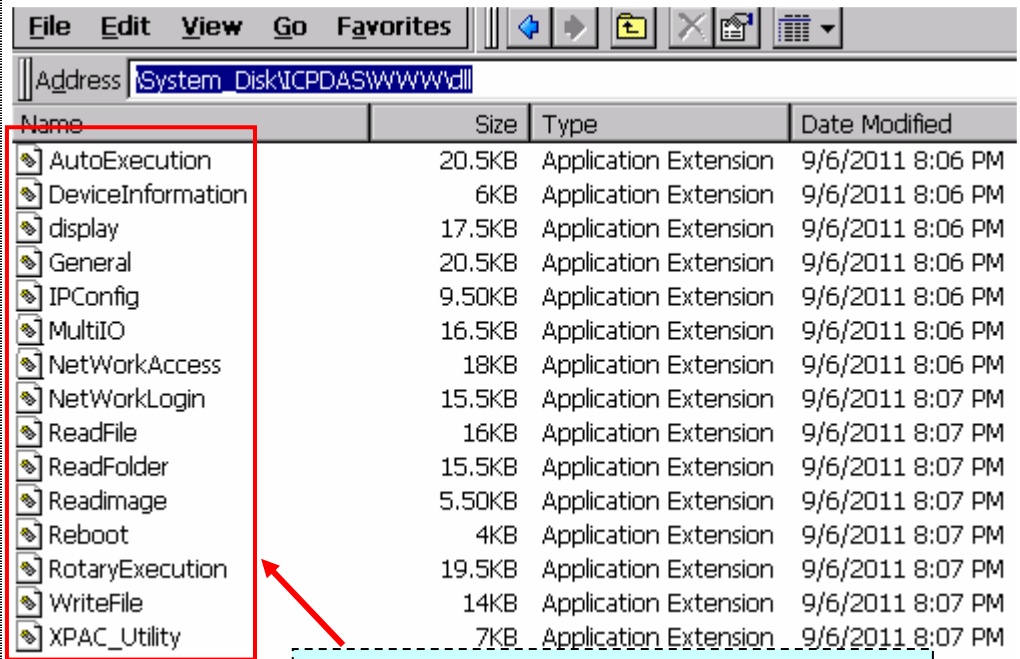
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**Step 4.** Check that the Web Utility DLL file is present.

If the information is still not being displayed by your browser after executing the steps above, it is possible that an essential DLL file is missing. The default path for the folder containing the DLL file for the Web Utility is : " \System\_Disk\ICPDAS\www\dll".

You should check that all the necessary DLL files are present by comparing the contents of your folder with the list shown in the image below. If any file(s) is/are missing, they can be found on the installation CD, or can be downloaded from:

<ftp://ftp.icpdas.com/pub/cd/xpac-atom-ce6/>.



**Check whether or not the list of files required by the Web Utility is complete.**

**Step 5.** Only the "Device Information" page doesn't display directory information.

If you have executed the steps above and still no information is being displayed on the "Device Information" page, check that the "XPAC\_Utility.dll" file exists in the "\System\_Disk\ICPDAS\System\" folder.

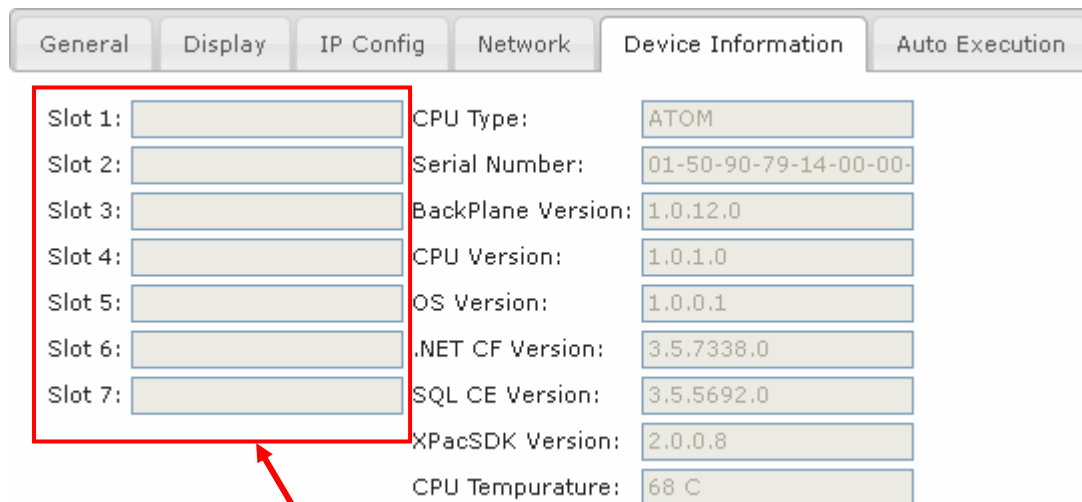
If it is not present, copy the "XPAC\_Utility.dll" from the "\System\_Disk\ICPDAS\www\dll" folder to the "\System\_Disk\ICPDAS\System\" folder.

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**Q: I have inserted a module in the backplane, but the module name isn't showing on the "Device Information" page.**

**Answer:**

If the information displayed on the web page is similar to that shown in the image below, the following procedure may help to solve the problem.



**You have inserted a module in the backplane, but the module name isn't showing on the web page.**

**Step 1.** Refresh the page

In order to read the slot information, the Web Utility must open the COM1 port. However, although the Web Utility can be used to access data and control the XPAC via the network, it is similar to executing a program on the XPAC; if two or more users attempt to open the COM1 port at the same time, only one request will be successful. Wait for a moment and refresh the page by clicking reload button on your browser before attempting to access the data again.

**Step 2.** Check the version number of your SDK.

You should first check that you have the latest version of the SDK, as older versions are unable to detect some of the latest modules. The most up-to-date version of the SDK can be obtained from "ftp://ftp.icpdas.com/pub/cd/xpac-atom-ce6/sdk/xpacsdk/".

Before installing the new SDK, close all programs currently in use on the XPAC and then copy the latest SDK file to "\System\_Disk\ICPDAS\System".

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**Q: I need user authentication to prevent others from using the XPAC Web Utility**

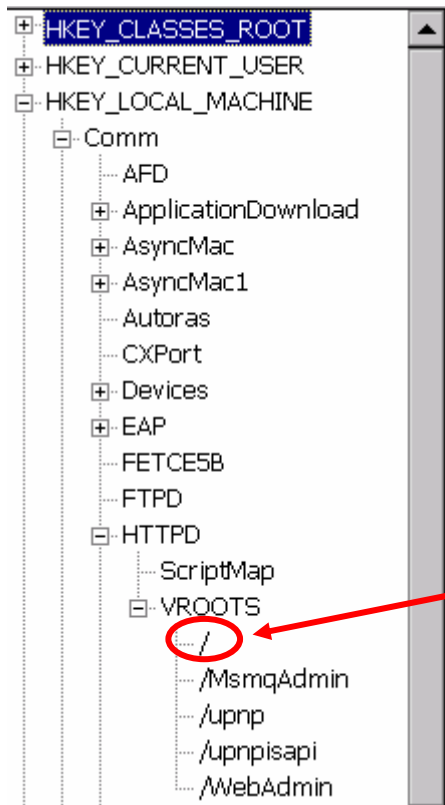
**Answer:**

If you want to prevent other people from accessing the Web Utility, use the following procedure.

**Step 1.** Run the RegEdit.exe program from your desktop



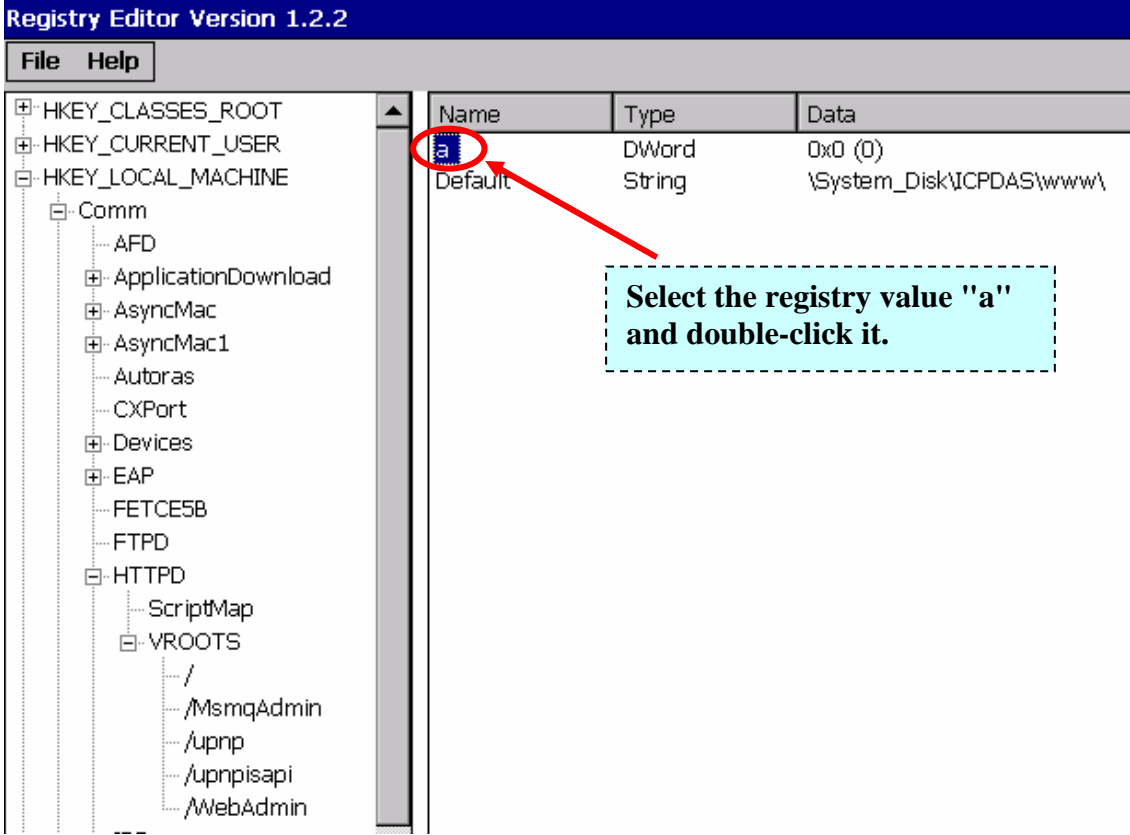
**Step 2.** Navigate to HKEY\_LOCAL\_MACHINE\Comm\HTTPD\VROOTS\ and select the "/" registry key.



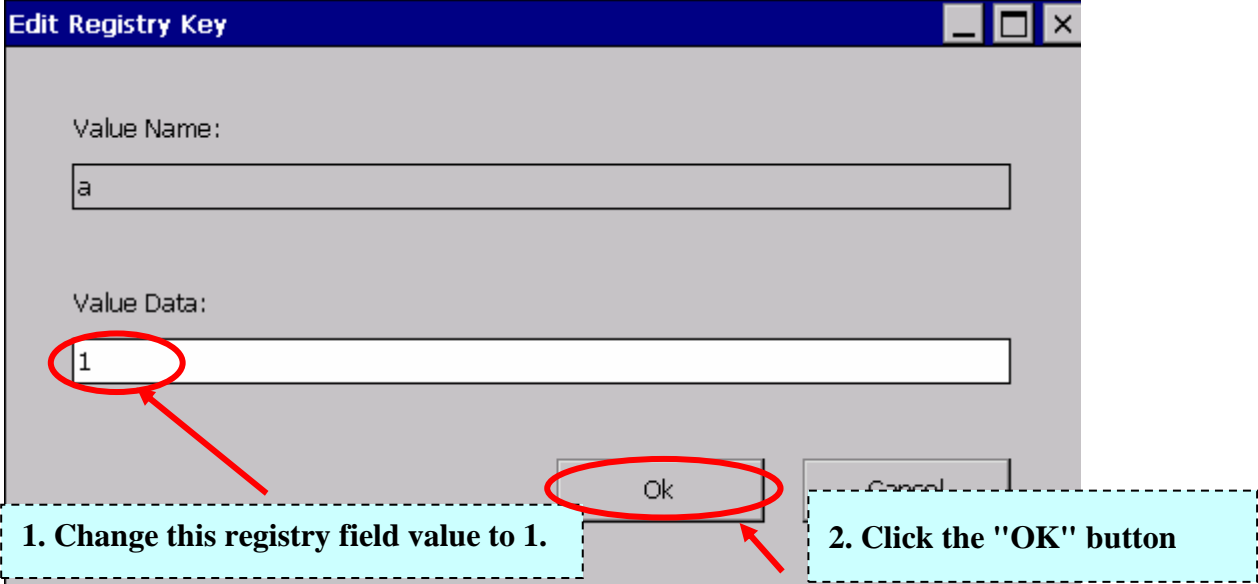
**Navigate to here and select this registry key.**

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**Step 3.** Select the registry value "a" and double-click it.



**Step 4.** Change the "Value Data" field value to "1" and then click the "OK" button.



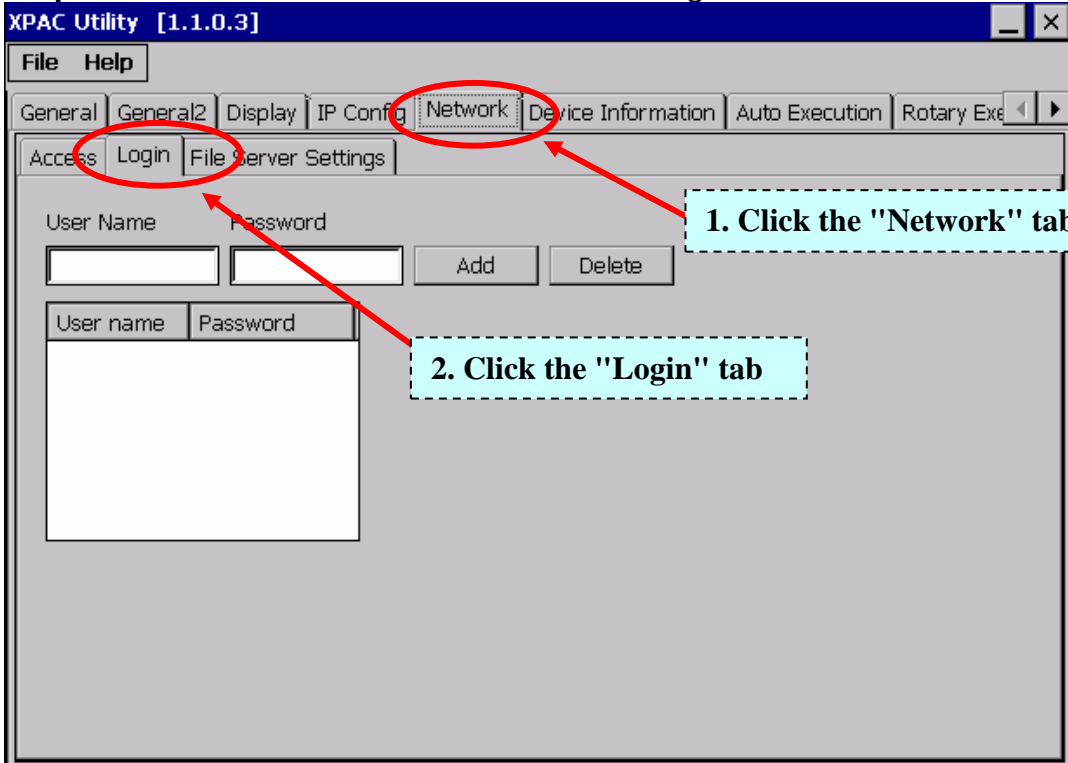
**Step 5.** Run the XPAC Utility from the desktop



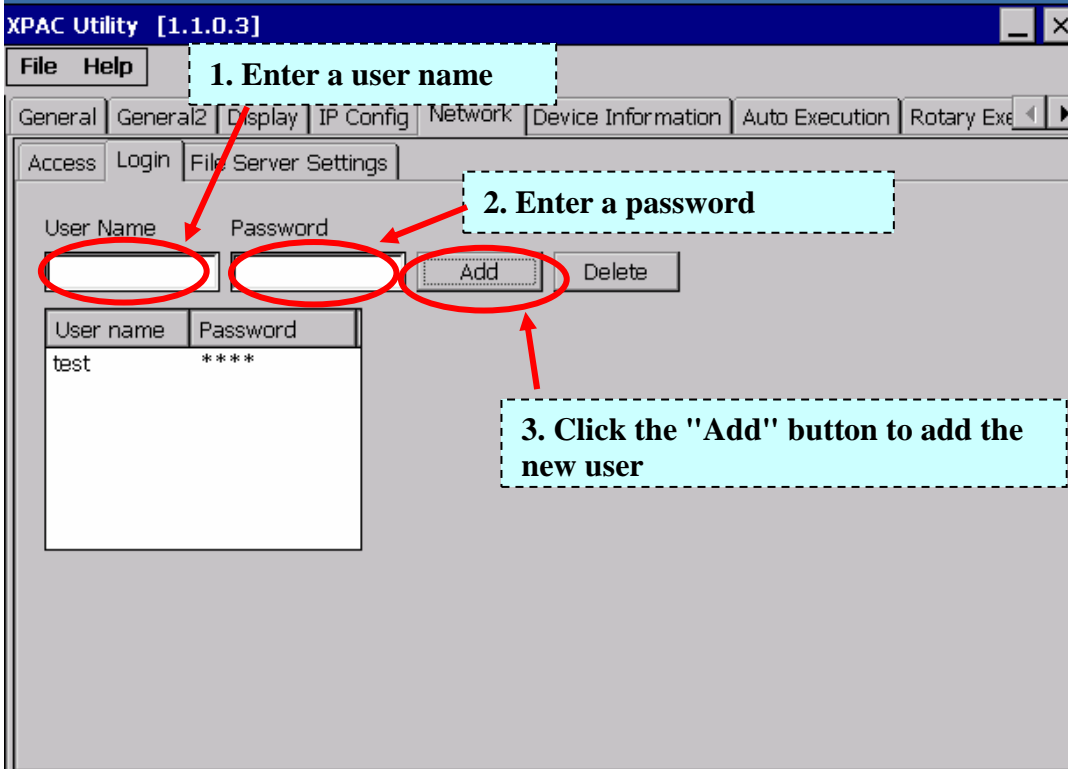


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**Step 6.** Click the "Network" tab and then the "Login" tab.



**Step 7.** Enter a user name and password in the "User name" and "Password" fields, and then click the "Add" button to add a new user. Note that the length of the "User name" and "password" is limited to 20 characters. The user name "test" has been added in this example.



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**Step 8.** Reboot the XPAC to effect the new settings.

**Step 9.** After the XPAC has rebooted, visit the XPAC with your web browser and enter the user name "test" and password in the following dialog box popped-up to login to the Web Utility.



If you have any problems related to the XPAC Web Utility, please send an e-mail to [service@icpdas.com](mailto:service@icpdas.com).