Quick Start Guide for ADAM-6700 Series and ADAM-6700E.

This Quick Start Guide demonstrates how to use ADAM-6700E, USB to MiniPCIe Adaptor Module, to extend wireless communication for ADAM-6700 series.

ADAM-6700 Web Utility Configuration

To obtain the gateway IP address, connect the LAN port of the ADAM-6700 device to your computer. Then use the ADAM/Apax.NET Utility, version 2.05.11 B19 or later, to obtain the IP address (static or DHCP mode). Please refer below steps

1. Enter the ADAM/Apax.NET Utility. Right-click the **Ethernet** icon and click **Search Device**.

Figure 1. 1 Web Utility Searching Devices

2. The ADAM/Apax.NET Utility will list the connected ADAM-6700 gateways and their IP address.
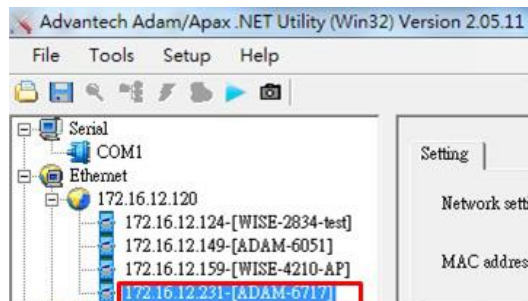

Figure 1.2 Web Utility Obtaining the Gateway IP Address

Note: Advantech has developed a web portal for configuring the ADAM-6700 series gateways. To access the web portal, users must obtain the IP address of the assigned LAN port. Then open a browser and type the IP address of the LAN port. The default IP setup mode is "DHCP".

- If the IP mode is set as "DHCP" and the gateway is connected to the DHCP server, type the IP address of the assigned LAN port.
- If the IP mode is set as "DHCP", but the gateway is not connected to the DHCP server, the LAN port will be automatically set to (Eth0)10.0.0.1 and (Eth1) 11.0.0.1

- If the IP mode is set as "static IP", input the assigned static IP address.

3. Open the web utility

Input the LAN Port IP Address in browser.

Figure 1.3 Input the LAN Port IP Address

After inputting the LAN port IP address, the web portal interface should be displayed.

Click "Link" to navigate to the web utility configuration page.

Figure 1.4 Web Portal

4. On the Configuration page of the web utility, click "Link". In the popup window displayed, enter the username and password and click "Sign In".

Default username: root

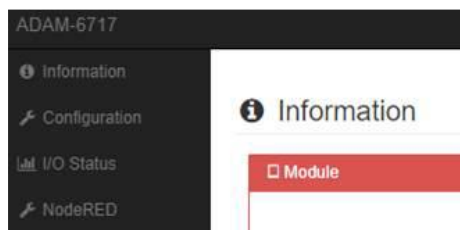Default password: 00000000
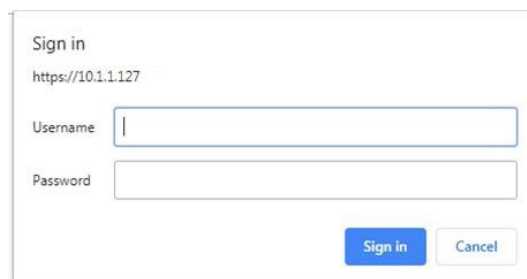
Figure 1.5 Web Utility Login Window

Figure 1.6 Web Utility Configuration Page

Wi-Fi Network Setting

Users need to click **Enable WLAN** and set the SSID name and security of the WLAN to join the network. There are 3 optional security modes for the network:

1. Open：LAN is open. Users can enter the LAN without a password.
2. WEP: A type of authentication that encrypts the LAN and requires a password.
3. WPA/WPA2 PSK：A type of authentication that encrypts the LAN advanced and requires a password.

Figure 2.1 Wi-Fi configuration page

You can see the **Wireless Status** in **Information** tab.

Figure 2.2 Wi-Fi status is connected

Figure 2.3 Wi-Fi connection information

Cellular Network Setting

User need to click **Enable Cellular,** and set the parameters as below.

Figure 2.4 Cellular configuration page

1. Click the **Enable Cellular,**, and select to set Cellular network information.
2. Select the **Device Type** of wireless data terminal used, that is, the module name.

3. Select **Operator**

4. Select **Network type**

5. Enter **APN** and **Dial Number**

6. Enable/Disable **Authentication**, and enter **User Name** and **Password**

Cellular Network Information

- **Dashboard**

Figure 2.5 Cellular connection dashboard

Figure 2.6 Network Configuration for Cellular connection