



## Power Internet

User Manual Version 1.0

85Mbps Mini Powerline Ethernet Adapter Kit

**PA-1108**

SAPIDO Technology Inc.

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## 1.1 Instruction of PA-1108 Utility

The SAPIDO PA-1108 Configuration Utility for Windows OS enables the users to identify PA-1108 devices on the powerline network, measures data rate performance, ensures privacy and performs diagnostics by setting user defined secure powerline networks.

## 1.2 Installation of Utility

### Step 1.

Please insert the PA-1108 enclosed CD-ROM into the computer's CD-ROM drive. The Setup Main Page shall run automatically. Please click on **"Utility"** to start the Utility installation process.



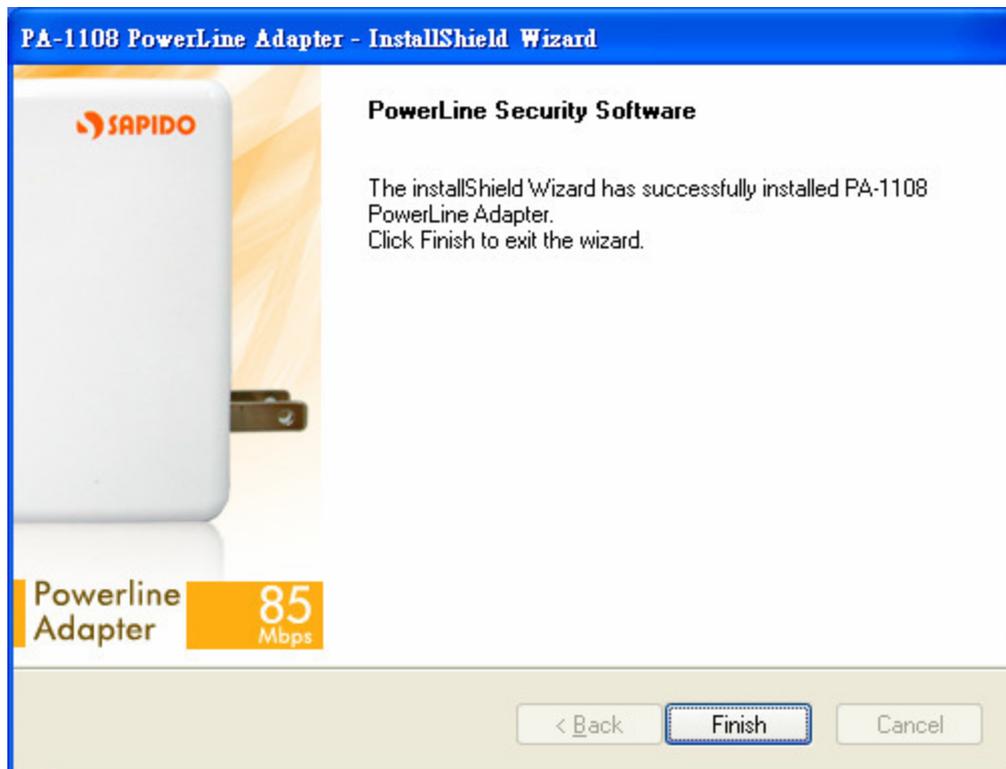
## Step 2.

Please click on Next to install Utility on your computer.



### Step 3.

Once below window appearing, PA-1108 Utility has installed successfully, please click on Finish to close the setup wizard.



### Step 4.

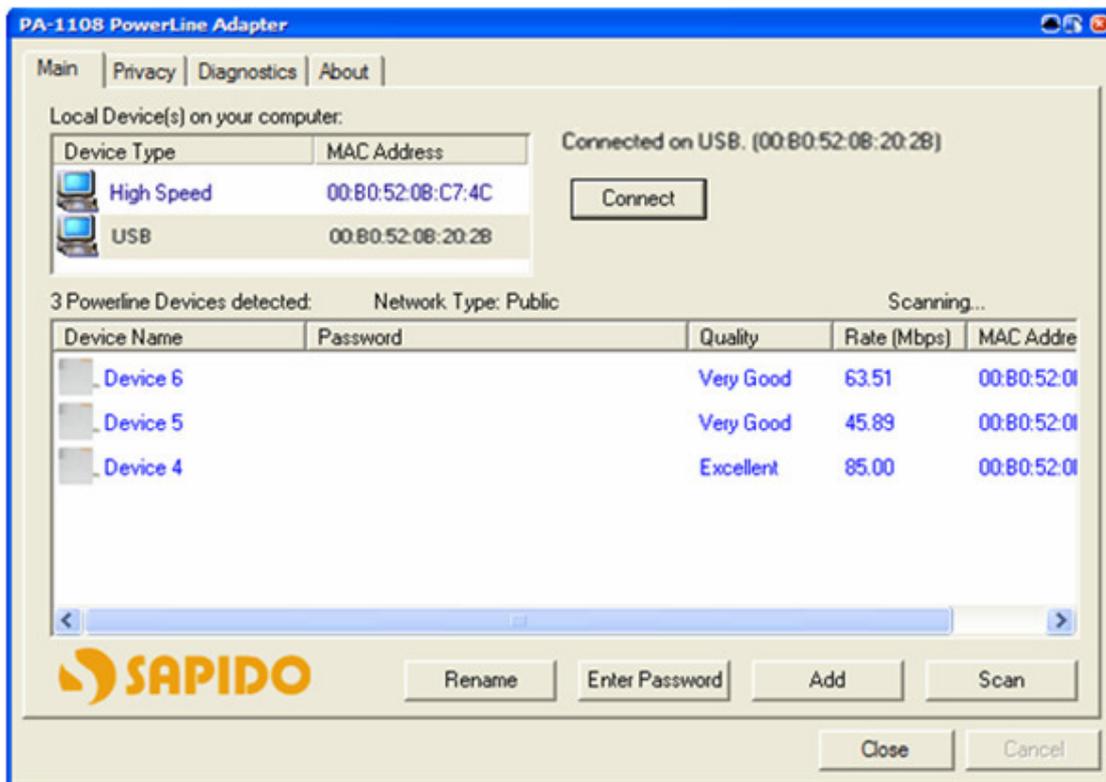
PA-1108 Utility icon will be created on your desktop automatically. Please click on PA-1108 icon to start the Utility.



### 1.3 Main Page

The Main page provides a list of all PA-1108 powerline devices within same powerline network. The top panel shows all local PA-1108 devices connected to the computer's NIC (Network Interface Card). If there is more than one local device connected, such as a USB or an Ethernet adapter, the user can select the local device by clicking on Connect button to view the network PA-1108 devices. The status area above the button indicates that your PC is connected to that same device.

Once connected to the local device, the utility will automatically scan the powerline network for any other PA-1108 devices. If no local PA-1108 devices are found, the status area above the connect button will indicate with a message "NO HOMEPLUG ADAPTERS DETECTED".



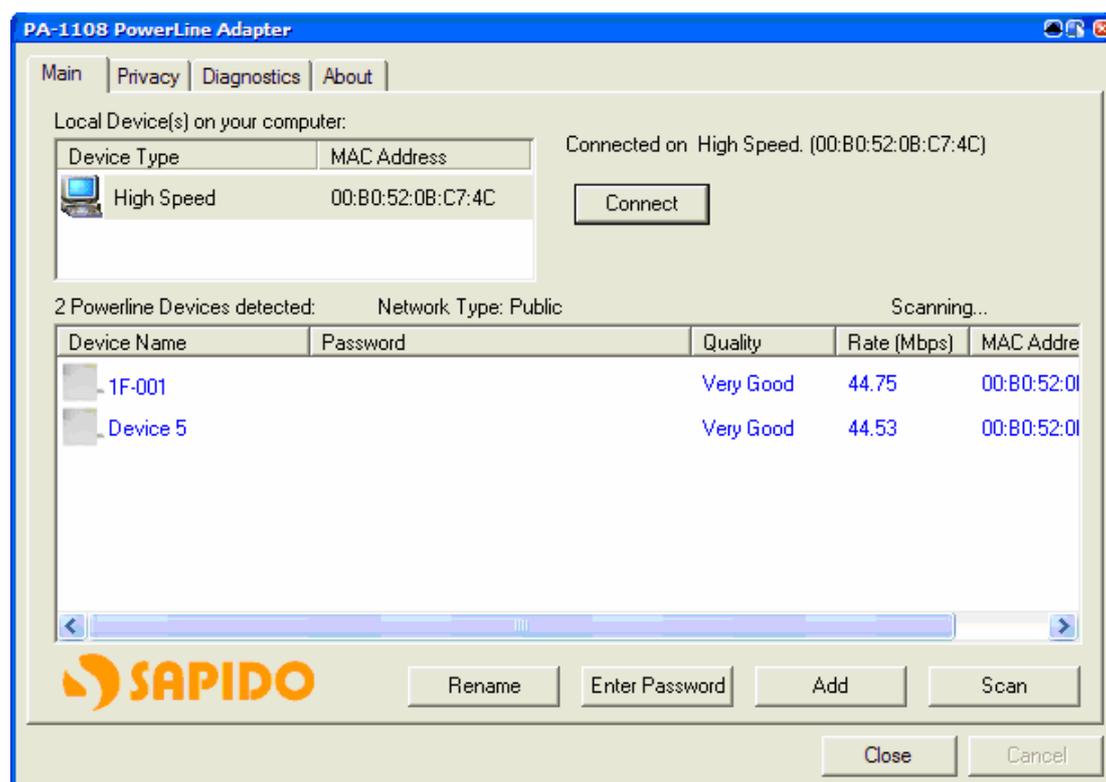
The lower panel displays all the PA-1108 remote devices, found on the current powerline network. The total number of remote devices connected on the same network can be found on top of the Remote device panel.

The Network type (Public or Private) is also displayed according to the network status. The scan status option is displayed on the top right corner above the Remote devices panel showing whether the Autoscan functionality is turned ON or OFF.

On the bottom area, there are four features can be selected, including Rename, Enter Password, Add and Scan, please see the following instruction.

- **Rename**

User is allowed to change device name. Please choose on device on the lower area Powerline Device Detected, and click on Rename button, and key in the new device name you would like to change.



- **Enter Password**

In order to set the Password of the device (required when creating a private network), please select the device by clicking on its name in the lower panel and then click on Enter Password button. A window will appear to ask for inputting the password, which can be found on the device.



- **Add**

To add a remote device to the existing network by entering the password of the device. A window will appear which allows the user to enter both a device name and the password.



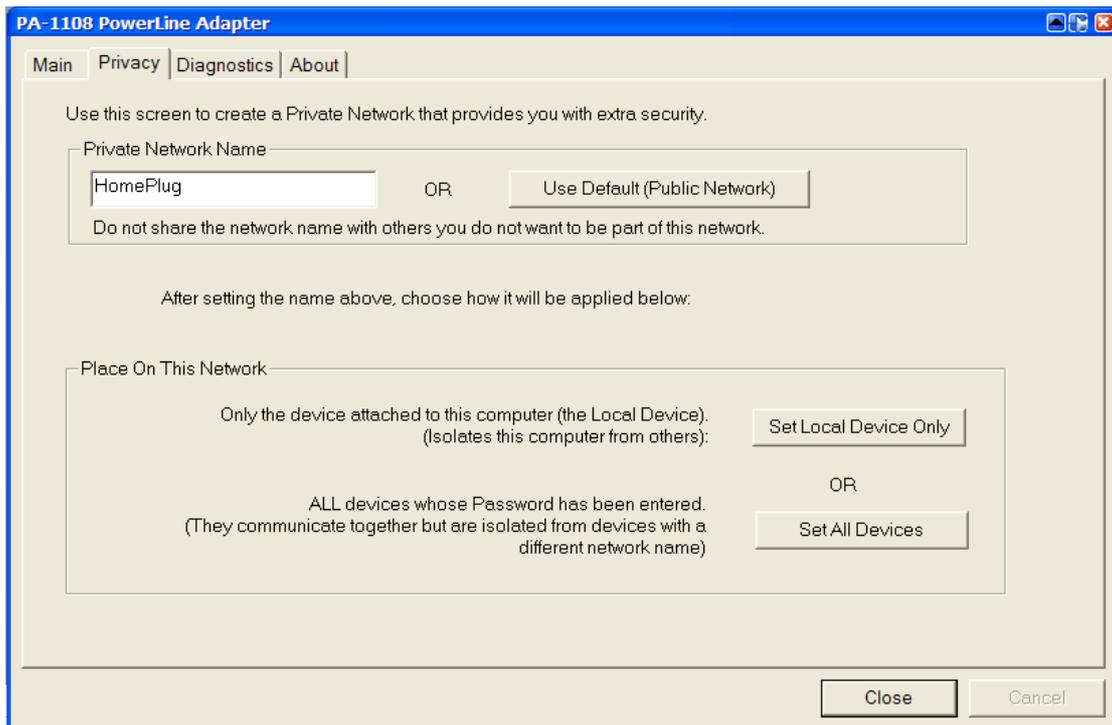
- **Scan**

To perform an immediate search of PA-1108 devices connected to the Powerline network. By default, the utility automatically scans every few seconds and updates the main display page.

## 1.4 Privacy Page

The Privacy page allows the user to maintain powerline network security. All PA-1108 devices are using a default logical network (network name), which default is “HomePlug”. The Privacy dialog screen allows user to change to a private network by changing the network name (network password) of devices.

The user can reset to the default HomePlug network (Public) by entering “HomePlug” as the network name or by clicking on Use Default button.



- **Set Local Device Only**

The Set Local Device Only button can be used to change the network name (network password) of the local device. If a new network password is entered, all the devices seen on the Main panel prior to this will be no longer present in the new network, effectively making the local devices not to communicate to the devices which were in

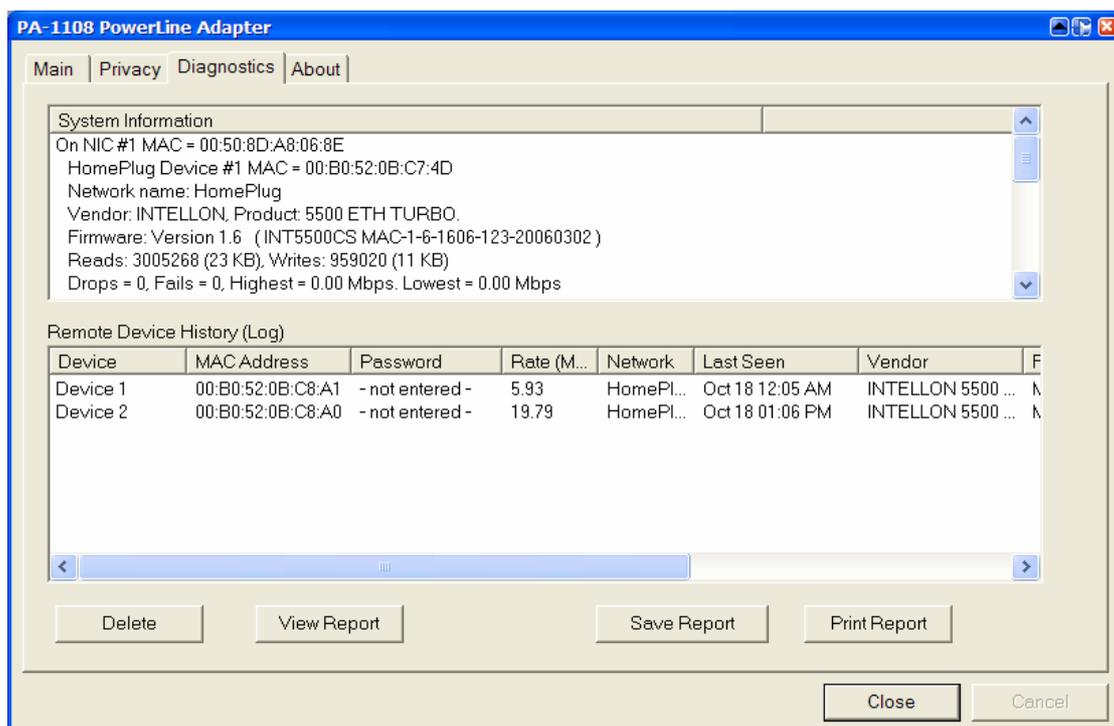
the old logical network. Devices previously set up with the same logical network (same network name) will appear in the device list afterward selecting this option.

### ● Set All Devices

The Set All Devices button is used to change the logical network of all devices that appear on the Main panel whose Device's Password had been entered for the same logical network. A dialog window will appear to report the success of this operation. For devices whose passwords were not entered, this operation will fail and will report a failure message.

## 1.5 Diagnostics Page

The Diagnostics page shows System information and a history of all remote devices seen over a period of time.



The Upper panel shows technical data concerning software and hardware present on the host computer which were used to communicate over PA-1108 on the powerline network. It shall include the following:

1. Operating System
2. Platform/Version
3. Host Network Name

4. User Name
5. MAC Address of all NICs (Network interface card) connected to the host
6. identify versions of all Driver DLLs and Libraries used (NDIS) and optionally
7. HomePlug chipset manufacturer name (Turbo Only devices)
8. MAC Firmware Version (Turbo Only devices)
9. MAC addresses of all devices connected locally to the host
10. Version of the Configuration Utility
11. Vendor name

The Lower panel contains a history of all remote PA-1108 devices seen on the computer over a certain period of time. All PA-1108 devices that were on the powerline network are listed here. Devices that are active on the current logical network will show a transfer rate in the Rate column; devices on other networks, or devices that may no longer exist are shown with a “?” in the Rate column. The following remote device information is available from the diagnostics screen:

1. Device Alias Name
2. Device MAC Address
3. Device Password
4. Device Last known rate
5. Device Last Known Network name
6. HomePlug chipset manufacturer name
7. Date device last seen on the network
8. MAC Firmware Version. (Turbo Only)

The diagnostics information displayed may be saved to a text file for later use, or can be printed for reference for a technical support call. Devices, which are not part of the network anymore, can be deleted using the delete button. A dialog window pops up with a confirmation message if we try to delete a device whose password has been entered.

## 1.6 About Page

The About page shows the software version and provides a direct link to the SAPIDO website.

