

# Templinc Plugin for HomeSeer

## *Requirements*

- HomeSeer version 2.0.0.0 or greater is required.

## *Installation*

1. To install the Templinc plug-in for HomeSeer version 2.x, select the “Updater” button on the web interface, or select “Updates” from the “Help” menu. Follow the on-screen instructions for the Updater.
2. Select the Templinc plug-in on the package selection screen, then follow the on-screen instructions to finish the update process, and restart HomeSeer.
3. After restarting HomeSeer, click the “Setup” tab and then the “Interfaces” tab on the web site. Click “Disabled” to enable the plugin, and then click “Save” at the bottom of the screen.

## *Overview*

This plug-in provides a device interface for the SmartHome TempLinc device in HomeSeer. The TempLinc is a temperature measuring device that communicates the temperature and is programmed via X-10 signals. The TempLinc has different operating modes for when it communicates the temperature. In the "Thermostat" modes, the first unit code in the house letter that you choose for the device is turned ON or OFF to simulate the need for heating or cooling. Other modes include having the temperature sent out when the temperature changes, or when the unit is queried. The unit query mode(s) are not available with the original TempLinc device. There are even combination modes where the TempLinc will operate similar to that of a thermostat while at the same time it will send out the temperature as it changes.

## *Configuration*

To make any configuration changes to the TempLinc, it is necessary to get to the TempLinc plug-in configuration screen. You may do this either by clicking on the menu option on the HomeSeer menu, or by clicking on View... Options... then the Interfaces tab, and then under the "RF,I/O,Security,Custom Interface" section, click on the drop down list until you find the TempLinc plug-in, then click the "Setup" button.

On the screen that is displayed, you will automatically have channel 1. The channels are simply the different TempLinc devices. After you have created a device at Channel 1, you will be able to click a down arrow next to channel 1 to work on Channel 2 and so on. Each TempLinc device uses all of the addresses from 1 to 16 on a given house code. Some devices are used only for programming the TempLinc, but they are all used nonetheless. Please make sure you have a free X-10 house code before attempting to create a TempLinc device.

Select the house code for your TempLinc device and its operating mode from the drop down list of operating modes. If you have a TempLinc II device, be sure to check the box under "TempLinc II?" to enable features in the plug-in specific to that device. If the operating mode you choose is a thermostat mode, please also enter a valid temperature setpoint from 1 to 99 degrees.

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After choosing the house code, operating mode, and if necessary setpoint, click the "Program" button and follow the instructions displayed. You will be prompted to disconnect the TempLinc from power and wait at least 10 seconds, then re-insert the TempLinc into the electrical outlet and click OK on the prompt displayed on the screen. A series of X-10 commands will be sent to the TempLinc to program it. All of the X-10 commands will be on the same house code, and there will be a minimum of 4 commands, a maximum of 6. Please check your HomeSeer log to make sure that no other X-10 signals were received between the time you plugged the TempLinc in and when the plug-in finished programming it or you may find it necessary to repeat the programming procedure.

After programming, the plug-in will remind you to click "Create Devices" to create devices in HomeSeer to hold the temperature and thermostat information. You only need to do this once, and in most cases it is not even necessary to repeat this if you change operating modes - simply re-run the programming procedure for the TempLinc.

The devices that are created will have several devices created as HIDDEN, but they will all appear if you do not choose View... Hide Marked Devices... in HomeSeer or the HTML interface.

The device at unit code 1 is always the main device or thermostat device. For thermostat modes, this device will receive ON and OFF commands from the TempLinc according to the temperature setpoints you have configured. For a TempLinc II device which supports device polling, this will be the device that the plug-in periodically sends a device status request to in order to receive the current temperature information from the TempLinc. If you are using the thermostat modes, it is this device at unit code 1 that you should use to trigger your events to run when your thermostat is calling for heat/cool or finished with heat/cool mode.

There are three devices at unit codes 17 through 19 which contain the current temperature, maximum temperature, and minimum temperature. The device's status and value are updated to reflect these temperatures.

Use the device's value to set triggers in HomeSeer. The Value Change trigger or the conditions is ideal for this.

Do not delete any of the RAW devices that are created, or the temperature will not update properly. You can mark these devices as hidden if you do not wish to see them.

## ***Support***

For Support:

Help Desk: [www.homeseer.com](http://www.homeseer.com) (select *HelpDesk* from the *Support* menu)

Support is also available on our message board at:

<http://board.homeseer.com>

Look for the forum dedicated to the Templinc plugin.