

# HomeTroller Zee Quick-Start Guide



Congratulations on your purchase! Your HomeTroller Zee is ready to put you in control of your home. Please take a few minutes to read through this guide to familiarize yourself with the steps required to set up your Z-Wave network and your HomeTroller Zee.

## STEP #1 – HomeTroller Zee Initial Setup

After you've created your Z-Wave network, you'll need to install your HomeTroller Zee. Follow these steps:

### HomeTroller Zee Hardware Installation

- a) Unpack the HomeTroller Zee, Ethernet cable and AC power supply.
- b) Connect the Ethernet cable to your HomeTroller Zee and to a network port on your internet router.
- c) Connect the Z-Stick to one of the USB ports on your HomeTroller Zee
- d) Connect the AC power adapter to your HomeTroller Zee to begin the boot process. Allow the unit to boot fully (about 1 minute and 45 seconds).

### Accessing the HomeTroller Zee Web Interface

Once the unit boots, you'll need to access the web interface to set the system up. The method below should work with any browser on any device (mobile or desktop).

- a) Navigate to <http://find.homeseer.com>
- b) Click the "Search" button. Your HomeSeer system should now appear at the bottom.
- c) Click the IP address hyperlink to access your system's web interface.



### Set Your System Password

The system password screen will appear the first time you run your HomeTroller Zee. **You MUST set a system password to prevent unauthorized access to your unit.** Please do this now by following the prompts on your screen.

### Activate and Register Your HomeTroller Zee Online

Be sure to activate your HomeTroller Zee and register the unit to receive HomeSeer support. To do this, make you're your unit is connected to the internet and follow these steps:

- a) From the HomeTroller Zee web interface, use the pull down menus to navigate to the General Tab of the Setup Area (TOOLS > Setup)
- b) Click the "Register Online" button in the License section of the Setup screen and enter your license codes.  
*Note: License codes are included on a sticker on the bottom of your HomeTroller Zee.*

### Setting the Time Zone and Updating Your HomeTroller Zee

Be sure to set the time zone and check for updates and install any that are available. To do this, follow these steps:

- Access the General Tab of the Setup Area again and scroll to the "Location" area. Find the Time Zone field and change that to time zone where your HomeTroller Zee is installed. *Example: US – America/New\_York*
- From the HomeTroller Zee web interface, use the pull down menus to navigate to the General Tab of the Setup Area (TOOLS > Setup). If an update is available, click the update button near to top of the page and wait for the update to download and install. Your HomeTroller Zee will automatically reboot once the update is installed.

### Configuring the Wi-Fi Adapter

If you ordered the Wi-Fi adapter with your Zee, follow these instructions for setting it up: (*You must have HS set up with the Ethernet cable first*)

- Connect the Wi-Fi adapter to your HomeTroller with the Ethernet cable plugged in still.
- Access the Network Tab of the Setup section. Locate the Wi-Fi Settings section.
- Enter the SSID (Wi-Fi network name) of your Wi-Fi. (This is case sensitive)
- Choose your encryption type and enter your Wi-Fi password. Keep 'Use DHCP' checked.
- Go to Tools->System->Shutdown System. Once the system is shutdown. Unplug the power and then the Ethernet cable. Now reconnect the power and let the system boot.
- If you go to find.homeseer.com now, it should show another HomeTrollerZEE. This is your new IP address and are all set to use the Wi-Fi adapter.

## STEP #2 – Local/Remote Remote Access

MyHS Remote is a free remote tool that will allow you to access the HS3 interface of the HomeTroller from any remote computer via home network (LAN) or the internet (WAN). The HomeTroller can also be accessed locally via IP address and/or computer name. See below for instructions.

### Accessing Your HomeTroller Locally

HS3 can be accessed from any computer on the same local network just by typing in the IP Address (*i.e. 192.168.1.10*) of your HomeTroller.

### Using HomeSeer MyHS Remote Service

Welcome to the MyHomeSeer Remote. MyHS will allow you to access your HS3 system from anywhere without having to access your router. There are requirements for MyHS to work. HS3 must be version 3.0.0.97 or later. HSTouch Android client requires 1.0.0.76 or later. Please make sure to update to these versions. It is

recommended that you uninstall the application and then reinstall it from the Play Store/iTunes Store. (*This guide assumes you have HSTouch Server already set up. If you do not, please refer to the HS3 Quick Start Guide on setting that up*). Now, let's get started!

To begin using MyHSRemote you will need to register your HS3 software with the connected service.



## Register

### Account Information

Account Email Address

Account Password

Confirm Account Password

### HomeSeer System Information

License ID

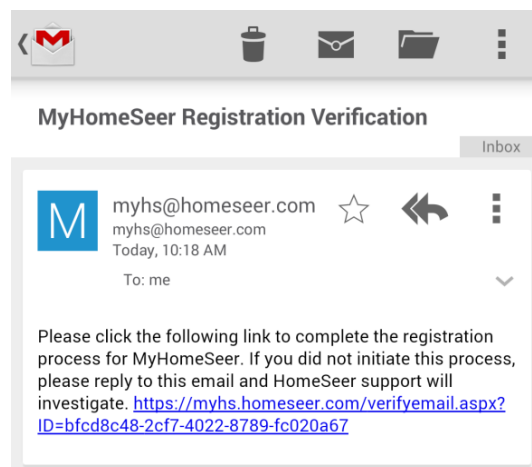
License Password

Register

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## Registration

- a) Once the HSTouch has finished installing, go ahead and open it up. You will be prompted with a Log In to MyHS screen.
- b) Click *Register*. Your default browser will come forward and load the registration page.
- c) Enter in the preferred email address you would like to use to be tied to your MyHS for the *Account Email Address*. This will later be used as your MyHS username.
- d) Enter a preferred *Account Password*. You will use this as the password to enter in your MyHS settings.
- e) The *License ID* you are asked for is your HS3 licenseID. The same goes for your *License Password*. (For *HomeTroller HS3* users, this is located on the bottom of your unit. For *HS3 Software* users, this information was emailed to you.)
- f) Click *Register*. You will receive a confirmation on the next screen unless errors are detected. You will also be emailed an email that requires a confirmation. Click the link in the email.



## STEP #3 - Z-Wave Network Setup

In order to control Z-Wave devices, such as light switches, thermostats, door locks and sensors, they must be included into a Z-Wave “network”. Follow the steps below to create your Z-Wave network and to include devices. *Note: the steps below assume you’ve already physically installed Z-Wave devices in your home.*

### **Including Externally Powered Devices** (wall switches, receptacles, plug-in modules, etc)

- a) Unpack the enclosed black USB “Z-Stick” and put it into “inclusion mode” by pressing and releasing the large round button on one side. A blue LED light around the button will begin blinking slowly.
- b) While the Z-Stick is in inclusion mode, position it within 1-3 feet of your Z-Wave device. Now press the network button (or paddle) on your Z-Wave device and observe the blinking LED on the Z-Stick. If successful, the LED light will glow solidly for about 2 seconds and then will begin blinking slowly again. *Note: If the LED does not glow solidly, the device may need to be reset. Reset the device by following the procedure outlined in “Excluding Devices” below.*
- c) If you have other Z-Wave devices to add to your network, you may keep the Z-Stick in inclusion mode and add the remaining devices using the procedure above. Once you’re finished, tap the button on the Z-Stick again. The LED light will turn off and it will no longer be in inclusion mode.



### **Including Battery Powered Devices** (door locks, environmental sensors, etc)

Battery operated devices must be included into your Z-Wave network using the HomeTroller Zee web interface. Follow the steps below to include your battery operated device(s).

- a) Position your battery operated Z-Wave device within 1-3 Feet of your HomeTroller Zee.
- b) From the web interface, use the pull down menus to navigate to the Z-Wave Controller Management page (PLUG-INS > Z-Wave > Controller Management).
- c) Locate the “Z-Wave Interfaces” area and expand the **ZStick** section. Open the “Actions:” menu and choose “Add/Include a Node”.

- d) Click the 'Start' button below the Actions menu. Your HomeTroller Zee is now in inclusion mode and is ready to communicate with your battery operated device.
- e) Activate the network button (or button sequence) on your battery operated device and observe the inclusion process in the green log window. When done, you'll receive an acknowledgement such as "Finished with Replication process". Your battery operated device is now included in your Z-Wave network!

### Excluding Devices

Follow the procedure below to (a) reset the device to its factory settings or (b) remove the device from your Z-Wave interface.

- a) To put the Z-Stick into "exclusion mode", press and hold its round button for 3 seconds. The LED light will begin to blink rapidly.
- b) Position the Z-Stick within 1 – 3 feet of your Z-Wave device and press the network button or paddle on your Z-Wave device. The blue LED light on your Z-Stick will glow solidly for about 2 seconds and then return to blinking rapidly. Your device has now been reset or removed from your network.

## STEP #4 – Importing, Editing and Controlling Your Z-Wave Devices

After you've created your Z-Wave network, you'll need to import that network into your HomeTroller Zee, so that your devices can be monitored and controlled. Here's how to do that:

### Importing Z-Wave Devices

- g) From the web interface, use the pull down menus to navigate to the Z-Wave Controller Management page (PLUG-INS > Z-Wave > Controller Management).
- h) Locate the "Z-Wave Interfaces" area and expand the **ZStick** section. Open the "Actions:" menu and choose "Import Node Info from Controller and Scan Devices".
- i) Click the 'Start' button below the Actions menu. Your HomeTroller Zee is will now import your device information from the Z-Stick. When done, you'll receive an acknowledgement such as "Finished with Z-Wave device synchronization". Your Z-Wave devices may now be monitored and controlled from the HomeTroller Zee!

### Editing and Controlling Your Z-Wave devices

- a) From the web interface, use the pull down menus to navigate to the Device Management Page (VIEW > Device Management). Click the "Show All" button in the upper right hand area of the page. A list of all your devices will now be displayed.
- b) To edit the name, location and other properties of any device, click the name.
- c) To control the device, use the buttons in the control column.

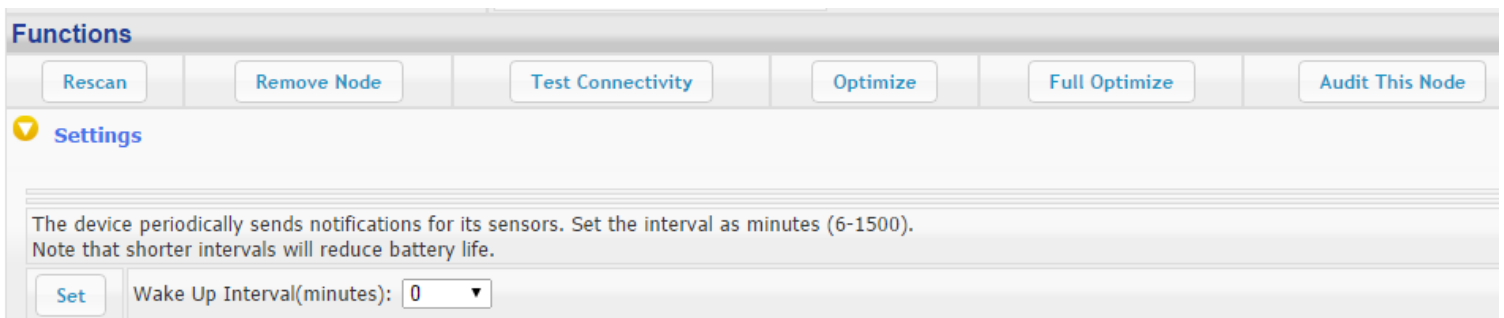
	Status	Category	Room	Name	Address	Type	Last Change	Control
<input type="checkbox"/>	No Status	Lighting	Kitchen	<a href="#">Motion Sensor Root</a>	003D46CA-034	Z-Wave On/Off Sensor Root Device	Never_Set	
<input type="checkbox"/>	100%	Lighting	Kitchen	<a href="#">Motion Sensor Battery</a>	003D46CA-034-Q38	Z-Wave Battery	9/5/2013 5:18:28 PM	
<input type="checkbox"/>	No Motion	Lighting	Kitchen	<a href="#">Motion Sensor</a>	003D46CA-034-Q39	Z-Wave Sensor Binary	9/6/2013 5:58:33 PM	
<input type="checkbox"/>	On	Lighting	Kitchen	<a href="#">Pannini Maker</a>	003D46CA-036	Z-Wave Switch Binary	9/5/2013 8:56:48 AM	Off On
<input type="checkbox"/>	On	Lighting	Kitchen	<a href="#">Light-Overhead</a>	003D46CA-014	Z-Wave Switch Binary	Today 8:37:32 AM	Off On

## STEP #5 – Z-Wave Device Configuration

With Z-Wave devices, configuration can be done for each device. There are also tools for failed communication with these devices as well. Follow these steps to

### Configuring Device Settings

- From the web interface, go to your Device Management page and click on the device you wish to configure.
- Click on the Z-Wave tab.
- Here you can Rescan, Remove, Test, Optimize, and Audit the node. Associations can also be set here.
- Expanding the Settings section will allow you to change the wake-up interval for battery operated devices. Here you will also see many settings for different parameters depending on the device.



## STEP #6 – Creating Automation Events

Simply put, an automation event consists of an action (or actions) that are set into motion by one or more triggers. Example: Turning on lights at sunset. Trigger = sunset, Action = turning lights on. With HomeTroller Zee, you can quickly and easily create all the events you need. Here's how to create the sunset event above:

### Creating Events

- From the web interface, use the pull down menus to navigate to the Events page (VIEW > Events).
- Change the event group name from "New Group" to "Lighting".
- Now expand the "New Event" section and rename the new event to "Lights on at Sunset"
- In the shaded blue "Trigger" section, choose "The Time Is..." and then ZEEect "The Time is Sunset"
- If the shaded green "Actions" section, choose "Control a Device" and then ZEEect the device you wish to control and the method of control (on / off) you wish to use. The resulting event will look like this:



### Remote Access

This Quick Start Guide is designed to cover initial setup of the unit for local (LAN) access and control. However, the unit may also be accessed remotely from other computers and mobile devices. Please see the complete online documentation for topics and information on setting up remote access.

## STEP #7 – Setting up Z-Wave and X10

**PROBLEM:** HomeTroller Zee includes an automatic port assignment function that's designed to simplify setup for users with a single protocol system (Z-Wave or X10). However, users with a multi-protocol system (Z-Wave and X10) may experience port assignment problems if the Z-Wave or X10 interfaces are detached and reattached to/from the system before being fully configured. If you have a multi-protocol system, follow the configuration steps below to ensure proper port assignment.

### SOLUTION

1. Navigate to the **PLUG-INS > Z-Wave > Controller Management** page and disable the Z-Wave interface. If there is a white button with a green checkbox at the top of the area, click it. If there is a yellow button with a red circle, no action is needed.
2. Navigate to the **PLUG-INS > Manage** page and disable the X10 and Z-Wave plug-ins.
3. Detach the X10 and Z-Wave interfaces from your HomeTroller Zee. Leave these detached until prompted to reattach below.
4. Navigate to the **TOOLS > System > Restart System** page and click the [Restart...] button to restart your HomeTroller Zee.
5. After the Zee has fully booted, attach the X10 interface cable to one of the USB ports. Navigate to the **PLUG-INS > Manage** page, ZEEect the available port and enable the X10 plug-in. Test the X10 plugin by creating an X10 device in the device management page.
6. If X10 testing was successful, navigate to then **PLUG-INS > Manage** page and enable the Z-Wave plug-in. NOW, attach to Z-Stick to the remaining USB port. The system will reboot and assign a port to the ZStick.
7. Once the box has restarted, navigate to **PLUG-INS > Z-Wave > Controller Management** page and click the yellow button with the red crossed circle to enable the Z-Stick interface.

At this point, both interfaces should be properly connected and fully functional.

**Note:** To avoid future port assignment problems, do not disconnect the X10 interface cable.

## STEP #8 – HSTouch Server Setup

After you have successfully connected to your Wi-Fi network, you will need to make sure HSTouch Server is properly set up before connecting the client to your HomeSeer system. Follow the instructions below to set up HSTouch Server.

- a) Go to the Plug-in's menu within your HomeSeer Web Control and click on *Manage*.
- b) If HSTouch Server is not installed follow these steps, otherwise skip to **step f**
- c) Click on *Additional Interfaces* to expand the plug-in updater.
- d) Scroll down to *User Interfaces* and expand that. Check the box next to *HomeSeer HSTouch Sever*.
- e) Scroll back up and click on *Download and Install*.
- f) Now that HSTouch Sever is installed we will need to enable it. Underneath the Enable column click on the red toggle. It should become green with a check mark in it.

Installed Plug-ins		<input type="checkbox"/> Developer Mode				
Plug-In	Instance	Enable	COM Port	Version	Update	License
HSTouch Server			N/A	3.0.0.20	N/A	Licensed
Z-Wave			N/A	3.0.0.88	N/A	Licensed

g) HSTouch Server is now enabled. You can now go into HSTouch on your device to configure HSTouch.

### Setting Up IP Cameras

For setting up an IP Camera within HS3, follow the instructions below. Note that all Foscam IP Netcams will be automatically detected by HS3 whereas other cameras will not.

- Now that HSTouch is enabled you should be able to go to Plug-ins->HSTouch Server->HSTouch.
- At the bottom you will see an IP Camera section. All Foscam cameras will automatically show up here. You will need to enter the username and password for each camera.
- For other branded cameras click the Green Plus to add a camera.
- Here you can name the camera, add the snapshot url (this will include the username and password), and then set up pan/tilt controls.

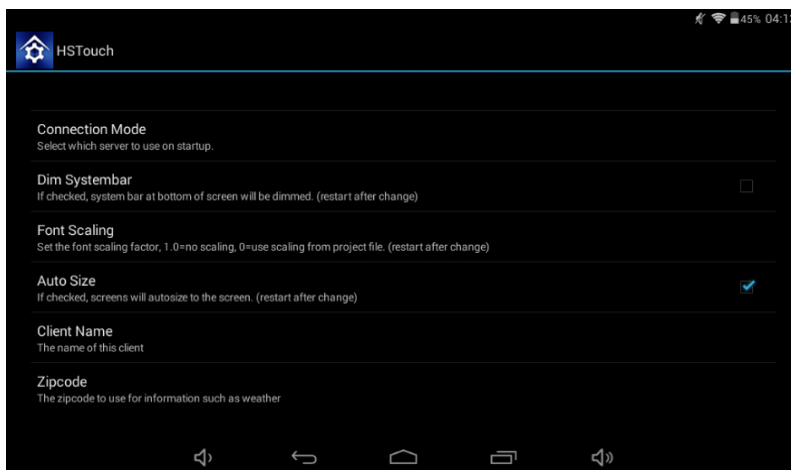
### STEP #9 – HSTouch Client Setup

Here you will configure your settings and connect to your HomeSeer system to allow for control from your device. Follow the instructions below to set up the HSTouch Client. For iOS, please go to your Settings App first.

- HSTouch will prompt you to ZEEect a server or settings. Click settings. *(The first launch will require an initial setup.)* A menu on the bottom right will pop up. Click Settings again. *(This menu can also be used to switch between servers, go to settings, or exit the app.)*
- Within the settings you are given multiple options. Servers 1-4 allow you to configure each server for different locations.
- ZEEect the server you would like to have as your Home setup.
- Configure a Label for that HomeSeer system. Click *Address* to enter the IP Address or Domain of the HomeSeer System.
- Now that you have set up the connection address, go ahead and enter in your Username and Password for that server. **There is no need to change the port.**
- You can follow steps **c-e** for the remaining 3 connections.
- If you go back to the main settings screen, there are other options for setting up HSTouch.



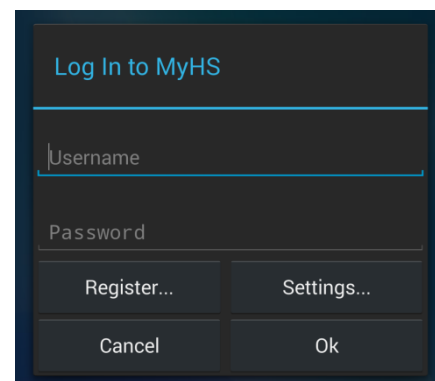
- h) Connection Mode allows you to choose a default connection for each time you start HSTouch. (*HSTouch will no longer prompt to choose a connection at the beginning.*)
- i) Dim Systembar allows for the bottom systembar to be dimmed. *Font Scaling* allows for changing the scaling factor.
- j) *Auto Size* allows for auto-sizing of the project being used for your device. *Client Name* will allow you to change the name of your device's HSTouch Client. (For use with HSTouch Designer). *Zipcode* is used for weather.
- k) Now that your Client has been set up, go back to the Main Screen and go to the settings menu on the bottom right. Click Exit. Now go to your app drawer and click HSTouch. This will allow for any changes to take place.
- l) You are now ready to control your home via your device!



### Setting Up MyHS Remote

The next step involves going into the HSTouch application and entering in your Account Username and Account Password.

- a) Open up the HSTouch application. It will give you the same prompt as earlier to Log In to MyHS.
- b) The email you used to register is your Username and the password you used will be used as the Password.
- c) Click Ok and HSTouch will now connect.
- d) HSTouch will now always connect through MyHS when launching. This will work from any location and any network.



### STEP #10 – HS3 Recovery (911)

The ability to fix any settings related issues or update issues with your Zee can now be address by adding :911 to the end of your IP address as the port number. This Recovery page will frequently be updated with new ways to fix your Zee. This page will only work when on the local network. 911 requires HS3 version 3.0.0.144 or later.

**Option 1:** Use option 1 if you cannot access your system due to forgetting username, changing settings that cause HS3 to not boot correctly, or enabling a plug-in that may cause HS3 to crash.

**Option 2:** Use option 2 if you want to revert back to an update or update to the latest version.

**Update HS Recovery Utility:** Use this to check for updates to your Recovery page with added recovery options.

**Return to HS:** This will bring you back to find.homeseer.com to find your HS3 system.





























## Recovering Your HomeSeer System - Version 1.0

These options should only be used if your HomeSeer system cannot be reached.

### Icon Legend for HS3

This is a list of the icons that are found in HS3 with a description of their function.

*Note: Some buttons are multi-functional.*

ICON	DESCRIPTION
 	Add / Delete
	Copy Event
 	Standard Editing / Advanced Editing
	Toggle Edit Mode
 	Enabled / Disabled
	Error communicating
 	Expand / Collapse Section
 	Marked Devices Shown/Header and Menus Shown – Marked Devices Hidden/Header and Menus Not Shown
	Access Log Settings
	Poll Devices for Status
	Reset Layout to Default
	Run Event
 	Devices Ungrouped / Grouped
	Add a Keyword or Pair
 	Group Conditions are used / not being used
 	Expand Device Management Page / Collapse Device Management Page

*\*If you want to know what that button will do, just hover your cursor over the icon and small text will show to provide definition.*

## Troubleshooting Your HomeTroller Zee

Symptom	Cause	Solution
Unit Won't Power On	Ac Adapter Unplugged	Plug-In Adapter
	AC Adapter Bad	Contact Homeseer
	Power Cable Bad	
Unit Powers On But Won't Boot	USB Hardware Conflict	Detach USB Device And Reboot
	Software Failure	Contact Homeseer
	Hardware Failure	
Z-Wave Devices Cannot Be Included Into Z-Wave Network	Device Was Previously Installed On Another Z-Wave Network	Use "Exclude Device" Procedure To Reset Device, Then Try To Include
	Device Failure	Replace Device
	Z-Stick Failure	Contact Homeseer
HSDiscover Cannot Locate Device	Hometroller Zee Not Powered On	Power Unit On
	Hometroller Zee Not Fully Booted	Wait 2 Minutes For Unit To Boot
	Hometroller Zee Not Connected To LAN	Connect Unit To Router And Reboot
Door Locks Won't Include Or Can't Be Controlled	Inclusion Process Incorrect Or Incomplete	Exclude Devices and Repeat Procedure Outline In "Including Battery Powered Devices" Section
Sensors Won't Include Or Can't Be Monitored		
Wi-Fi not Connecting	Incorrect Wi-Fi SSID or Password	Contact HomeSeer
All Other Problems		Contact HomeSeer

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