

# WarmlyYours nSpire Touch WiFi Thermostat Controller Driver Setup for Control4

## Overview

Control4 Version Required	2.7.0 minimum
Developer	annex4
Initial Release Date	December 16, 2019
Last Modified Date	September 1, 2020
Support Email	control4@warmlyyours.com

Note: For support of real time updates the annex4 LiNK driver is required. You can find the driver at: <https://annex4.link/drivers/link>

## Hardware Setup

- 1) Upon first run the thermostat will run through a startup wizard
  - a. Set the language
  - b. Wait for the system tests to pass and hit next
  - c. Perform the safety test
  - d. Set the preferred temperature unit
  - e. Enter the Distributor ID 10266
  - f. Set the load measurement
  - g. Set the floor load
  - h. Set the sensor type
  - i. Set the date and time
- 2) Select WiFi Settings
  - a. Select the network to connect to
  - b. Enter a name for the thermostat
  - c. Enter the email address for the connected account
  - d. Wait for it to connect to the server and then hit the checkmark

## Driver Installation

- 1) Place the WarmlyYours driver into the project.
- 2) Enter your <https://mythermostat.info/> username and password.
- 3) Verify your credentials have been accepted by the driver.
  - a. The 'Login Status' property should read 'Logged In'.
  - b. Any error codes mean that the username or password are incorrect.
- 4) At this point you should have connections created for all the thermostats on the WarmlyYours account.

## Troubleshooting

- 1) If no connections for thermostats are showing up be sure to add the thermostats to a group: <https://mythermostat.info/#groups>
- 2) If you experience any usability issues, make sure that the WiFi connection is good and that you have an internet connection before contacting support.

## Features

Drag and drop installation  
Automatic retrieval of thermostats on an account  
Realttime feedback from the thermostats to Control4  
The ability to modify the schedule from Control4 and have it update on the thermostat  
All supported thermostat functionality  
An 'off' mode that will set the thermostat to the minimum setpoint temperature permanently

## Properties

Property	Description	
Auto Update	Enables or disables real time updates of the driver from annex4	
	For support of this property the annex4 LiNK driver is required	
Driver Version	The current version of the driver	
Server Version	The server version of the driver	
	For support of this property the annex4 LiNK driver is required	
Debug Mode	Reports information to the log and Lua output window	
	<b>Modes</b>	
	Debug	Reports the data being moved around
	Trace	Reports the flow of the driver
	Info	Reports more critical pieces of information
	Warning	Reports any small issues that arise
	Error	Reports any large issues that arise
Fatal	Reports issues that cause the driver to fail	
Email	The users <a href="https://mythermostat.info/">https://mythermostat.info/</a> username/email	
Password	The users <a href="https://mythermostat.info/">https://mythermostat.info/</a> password	
Login Status	Displays the login status of the user and reports any error codes. Any error code generally means the login information entered is incorrect.	

## Actions

Action Name	Description
Get Thermostats	Retrieves thermostats on the account and creates bindings for them
Update Now	Updates the driver to the latest version

## Connections

Control Name	Connection Type	Description
<Group>:<Thermostat> - <ID>	WARMLY_YOURS	The communication binding between the primary driver and a nSpire thermostat endpoint

## Notes for the Thermostat Endpoint

1. Changing the thermostat scale to Fahrenheit or Celsius from the Extras tab will only affect the display in Control4. The thermostat itself will not change from what it's currently set to.
2. The value 'Hold Until' for the programming command 'Set Hold Mode to' cannot have a timestamp provided in programming. As such 'Hold Until' will do nothing if you try and run the command in programming.
3. The conditional 'Hold Mode Is' does not support '2 Hours', please use 'Hold Until' in its place.

# WarmlyYours nSpire Touch WiFi Thermostat Controller Driver Setup for Control4 Endpoint Setup

## Overview

### Electrical Information (please retain for future reference):

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## Driver Installation

- 1) Add a nSpire Thermostat driver for each connection created and bind the endpoints to the driver.
- 2) Refresh Navigators

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## Features

Drag and drop installation

Automatic retrieval of thermostats on an account

Realtime feedback from the thermostats to Control4

The ability to modify the schedule from Control4 and have it update on the thermostat

All supported thermostat functionality

An 'off' mode that will set the thermostat to the minimum setpoint temperature permanently

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	<b>Modes</b>	
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	Trace	Reports the flow of the driver
	Info	Reports more critical pieces of information
	Warning	Reports any small issues that arise
	Error	Reports any large issues that arise
Fatal	Reports issues that cause the driver to fail	
Serial ID	The Serial ID of the WarmlyYours nSpire Thermostat	

## Actions

Action Name	Description
Update Now	Updates the driver to the latest version

## Connections

Control Name	Connection Type	Description
<Group>:<Thermostat> - <ID>	WARMLY_YOURS	The communication binding between the primary driver and a nSpire thermostat endpoint

## Notes for the Thermostat Endpoint

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