



# Somfy URTSI II

## Crestron Home™ Driver

**Base Model:** URTSI II

**Device Type:** Shades

**Version:** 1.1.2

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### Notes & Recommendations

This is an updated version of the Somfy URTSI II driver with an improved user experience. It will allow you to control your Somfy shades via a URTSI II controller over RS-232. The updated user interface will display all the shades you defined in a room on a single page. There is also the ability to have a tile on the Home screen so that you can define any 'global' shades.

Sequences are also supported so that the shades can be triggered from a scene, a button on a keypad, or a handheld remote.

This platform driver will not have any functions when using the Home app. For this reason, we recommend creating a room that will be hidden (In this case, we'll call it **Rack**) to add the URTSI driver to the CH user interface.

This driver can independently reverse the shade direction for each channel. This means that the motor opens the shade when the close command is called or the motor closes when the open command is called.

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### System Requirements and Dependencies

- CP4R - firmware v2.8000.00017
  - Crestron Home - v3.018.0123
- iOS CH App - v1.21.15
- TSW - firmware v1.006.0046
  - Crestron Home App - 1.25.15+tr

This driver comes with a 2-hour trial license. You can purchase a full license at <https://digitalautomation.us/product/somfy-urtsi-ii-crestron-home-extensions-driver/>

For additional information on this driver, please visit the driver FAQ section on our website

[https://digitalautomation.us/product/somfy-urtsi-ii-crestron-home-extensions-driver/#desc\\_tab](https://digitalautomation.us/product/somfy-urtsi-ii-crestron-home-extensions-driver/#desc_tab)

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## Installation/Upgrade Instructions

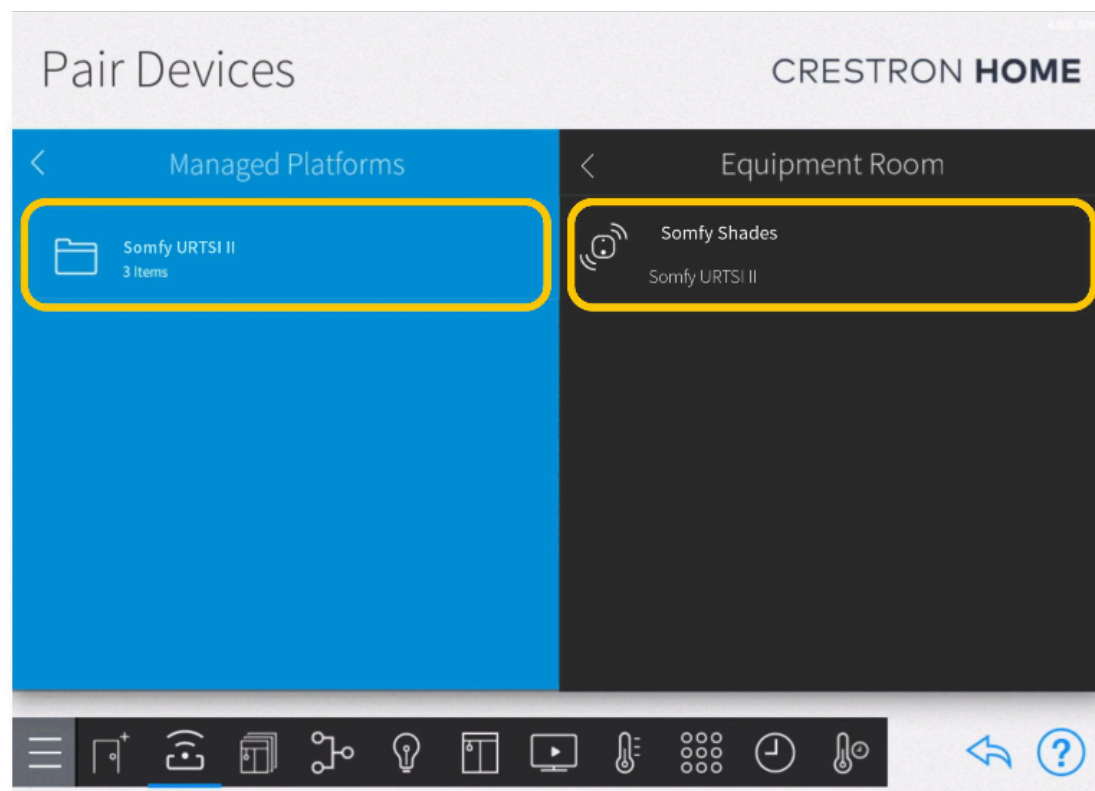
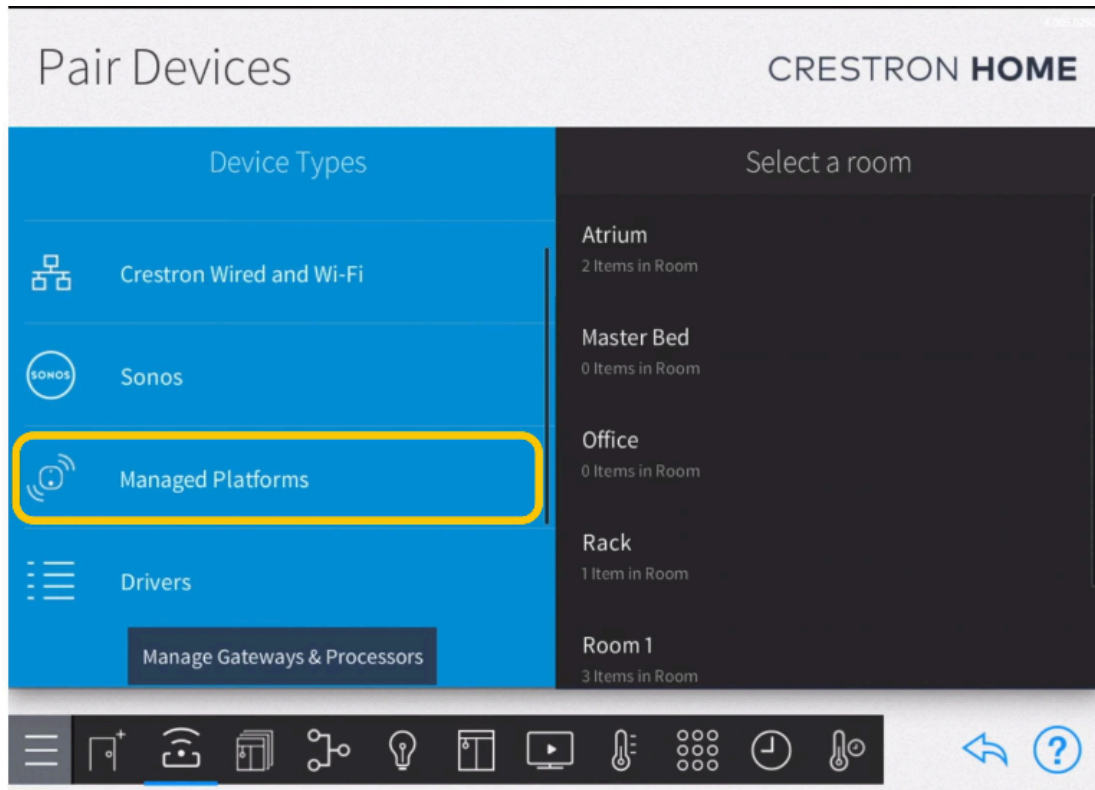
**The URTSI II driver is found under Somfy in Crestron's Platform category.**

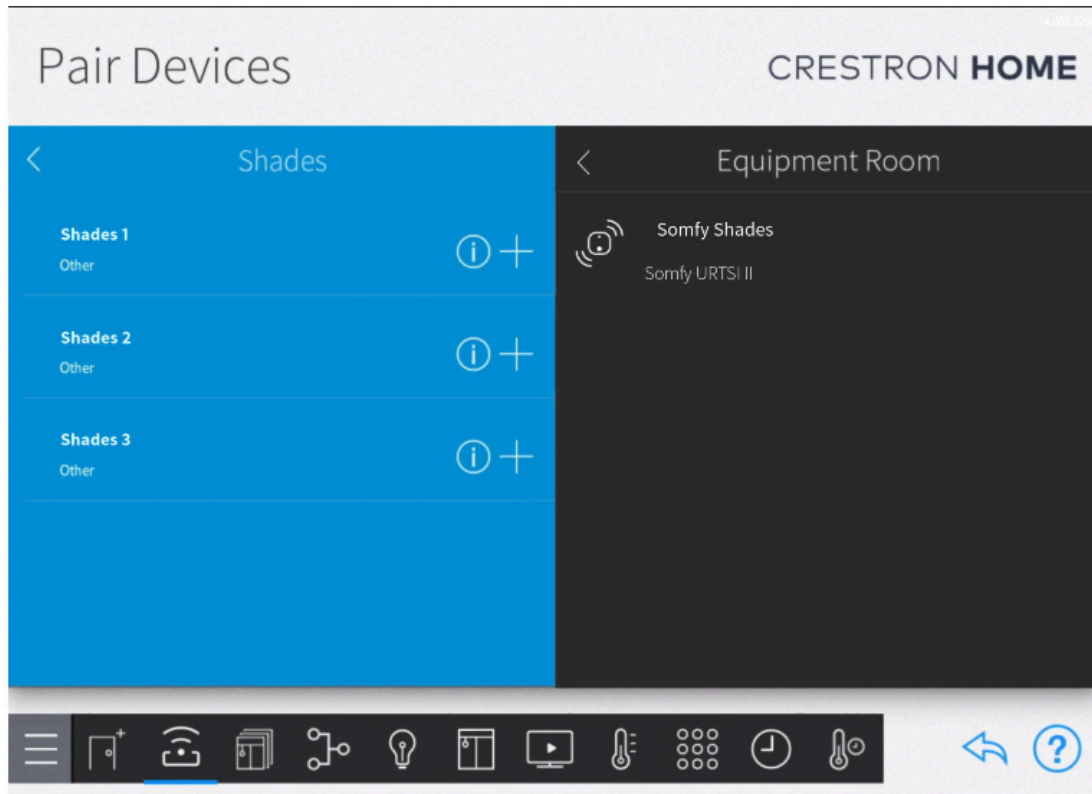
When you add the platform driver, it will ask you for a descriptive name, COMM port information, Number of rooms, and License Key.

- **Number of rooms:** Here, you enter the number of Crestron Home™ rooms where you want to have a tile to control the shades. Each tile will be customized to control the Somfy URTSI II channels you want for each room. Multiple tiles can control the same Somfy URTSI II channel.
- **Instance Number:** This is used to load and save shade definitions. Each driver maintains an independent configuration.
- **Delete Configuration File:** Available only when adding the driver. If selected, the driver deletes the saved configuration and reverts to default values.
- **License Key:** The driver comes with a 2-hour trial license that you can use to test the driver with your hardware and verify operation. You may follow the link below to visit our web store and purchase a license without the trial time restriction.

<https://digitalautomation.us/product/somfy-urtsi-ii-crestron-home-extensions-driver/>

Once you finish entering the information and press OK, a new folder will appear under Somfy in Crestron's Platform category. It will have the same name as the platform driver you just added in the **Driver Type - Managed Platforms** path. Inside the folder, you will see entries labeled Home Tile, Room 1, Room 2, etc. The number of entries is equal to the number you entered under "Number of rooms". Add an entry into each room that will have shade control.





When you add it to the room, it will ask you to define the URSI Address.

- **URTSI Address:** The address where the URTSI Rotary Switch is set. It should be set to 1 for RS-232 communication.

After that, it will ask for Shade Entries. The shade entries are separated by a semicolon. Each shade entry consists of a channel number and a name separated by a dash. The channel number is a 2-digit number from 01 through 16. The name is the shade name that will be displayed to the user. Please remember that on the URTSI rotary switch, 0 represents channel 16, and A through F represent channels 10 through 15.

Shade Definition Example:

01-South Windows;09-West Windows;14R-Doors;16-Drapes

### **Channel direction reversing:**

This option is specific to each channel. The option is specified when the shade definitions are defined. Letter **R** should be appended to the end of a channel to denote that the motor directions for the channel are reversed.

Shade Definition Example:

01**R**-Windows;02**R**-Doors;11-Awnings;12-Whole House

Channels 01 and 02 are reversed, and channels 11 and 12 are normal.

If you desire to show shade control from the home page, please add the Home Tile to a room. In there, you will enter the shade definition as explained above. It is legal to have multiple tiles or the home tile to control the same URTSI channel.

### **Configuration saving:**

Each instance maintains its own independent saved configuration. If no saved configuration is available, the driver will load default values.

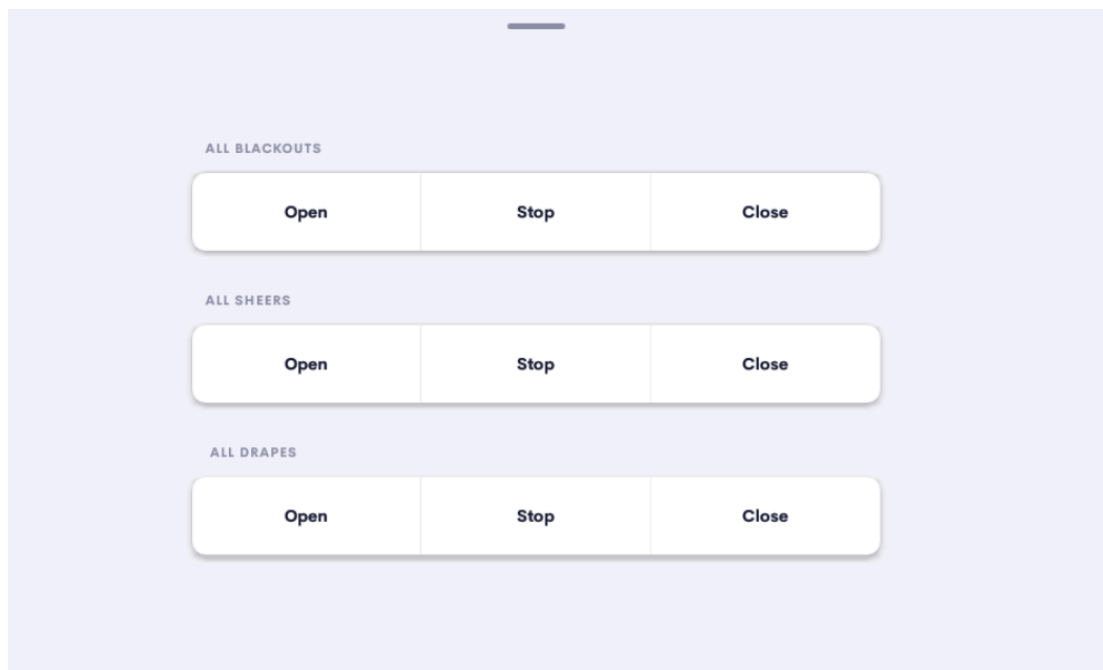
The driver saves the shade configuration based on the instance number after 5 minutes.

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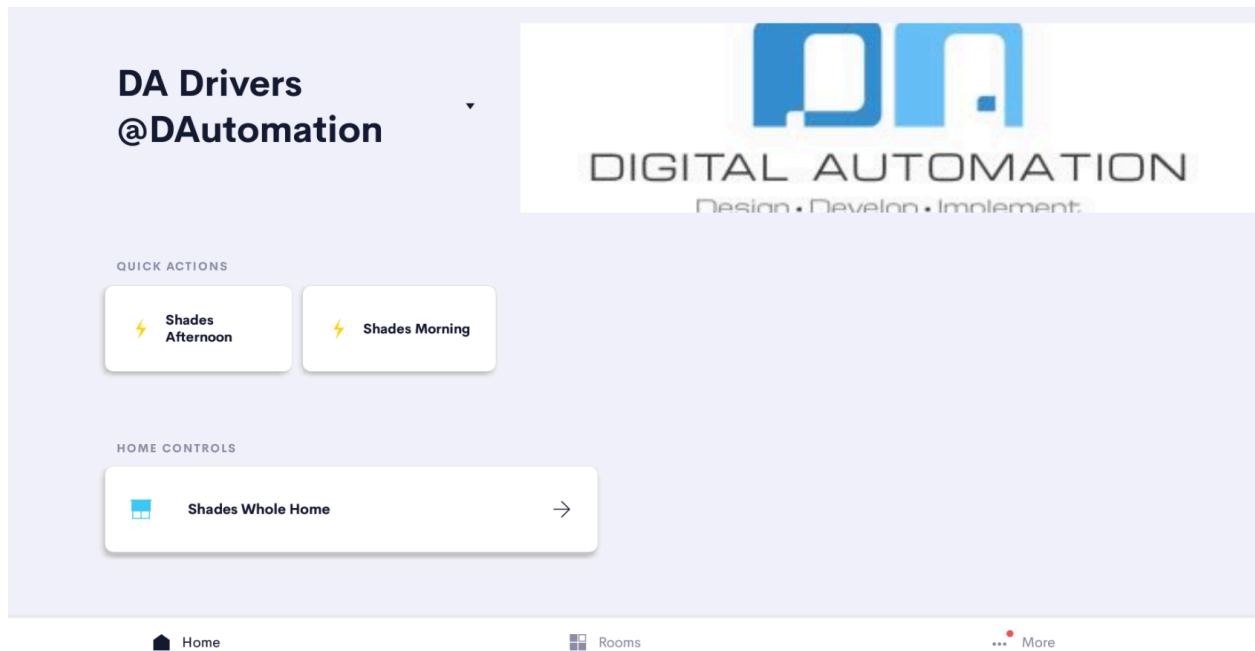
## End-User Experience

### **New Updated Shade Control interface**

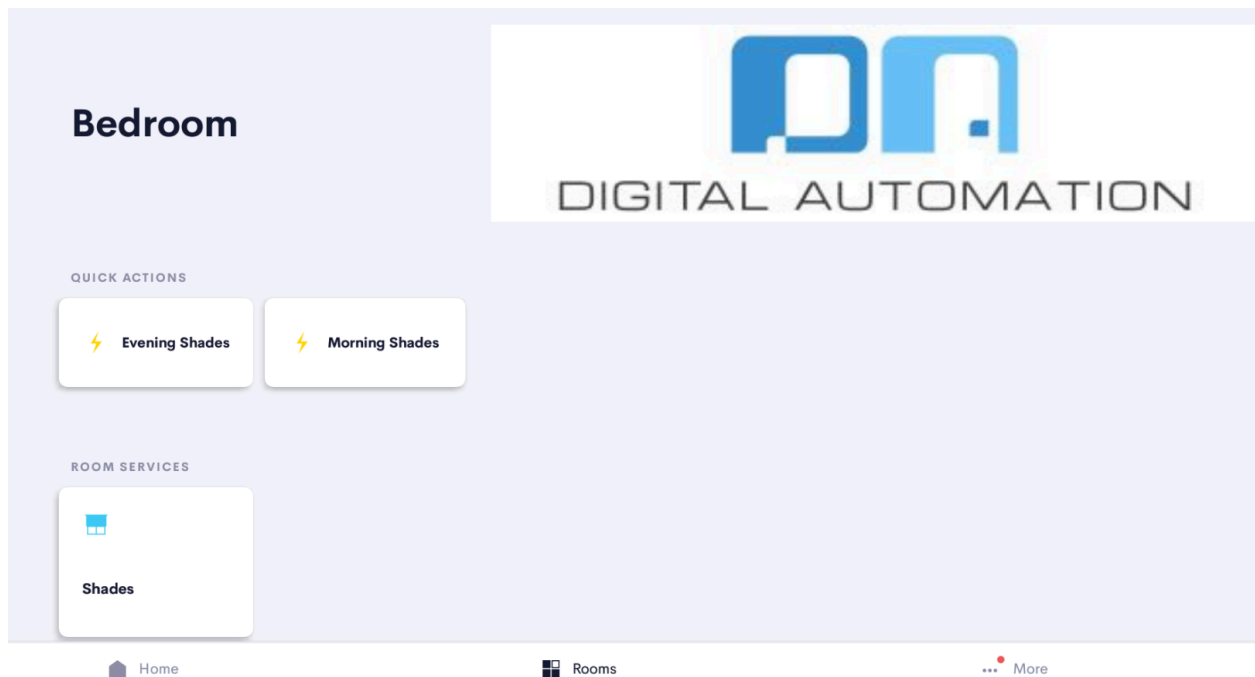
It will display all the shades you defined in a room on a single page.



## New Optional Home Tile



## Room Tile



## Supported Features

The shade operations available are:

- Open
  - Stop
  - Close
  - Shade direction reverse
  - Quick actions
  - Configuration saving
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## Supported Models

- URTSI II
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## Test Environment

The following versions of Crestron hardware were used to test the driver:

- CP4R - firmware v2.8000.00017
    - Crestron Home - v4.004.0241
  - iOS CH App - v1.21.15
  - TSW - firmware v1.006.0046
    - Crestron Home App - 4.4.18+tr
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## Known Issues

- Doesn't support RS-485 daisy chaining
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## Contact Information

If you have any questions, please contact us at [drivers@digitalautomation.us](mailto:drivers@digitalautomation.us)

## Version History

## **1.0**

05/31/2022

This is the re-release of our Somfy URTSI II driver providing an updated user interface and updated installation.

- Initial release

### **1.0.1**

06/21/2022

- A license expired or a failure warning was added to the tiles.

### **1.0.2**

08/02/2022

- Added support for daisy-chaining by asking for the transmitter address in the UI driver instead of the main platform driver.
- Added a message pop-up if the entered shade channel is out of range
- Fixed the error message that would display when the transmitter sends an acknowledgment

### **1.0.3**

09/05/2022

- Added a model supported "Serial To RTS Interface".

### **1.0.4**

02/08/2023

- Resolved an issue in the latest firmware when there are other serial drivers in the same processor.

### **1.1.0**



01/13/2025

- Shade direction reverse added for each channel.
- Configuration saving feature has been added.

### **1.1.1**

02/28/2025

- Fixed the issue preventing the configuration file from loading properly.

### **1.1.2**

03/03/2025

- Fixed driver addition issue caused by firmware update 4.004.0241, which no longer accepts the Message Box type in installer settings.

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