

# RAKO LIGHTING FOR CRESTRON HOME

Revision: 2.0

Date: 02 June 2026

## SUPPORTED INSTALLATION

This is a Crestron Home driver for Crestron Home processors. This document describes the configuration of the Rako Extension Driver for Crestron Home only. Please note that this driver will only work on Crestron Home processors running OS 4 and above.

## DESCRIPTION

The driver is designed to operate a Rako lighting control system from Crestron Home and requires a suitable **Rako HUB** to be included in the Rako system. Additionally, the Rako lighting system must be configured and operational.

NOTE: The legacy Rako BRIDGE is **NOT** supported – however upgrading is simple.

## INSTALLATION

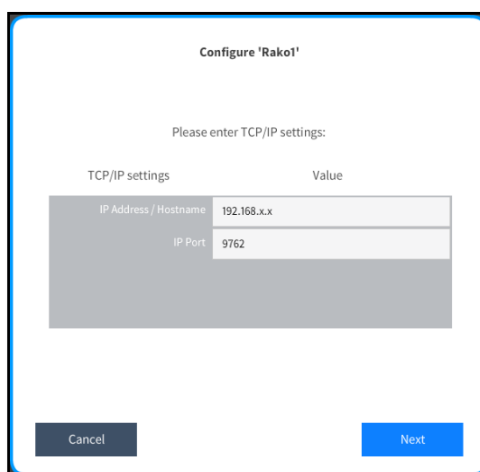
The driver can be found under:

Drivers > Platform > Rako

### Adding the Driver

Ensure a room is selected, and then click on the '+' against the appropriate device.

You will be asked to provide a descriptive name – this can be anything you wish.



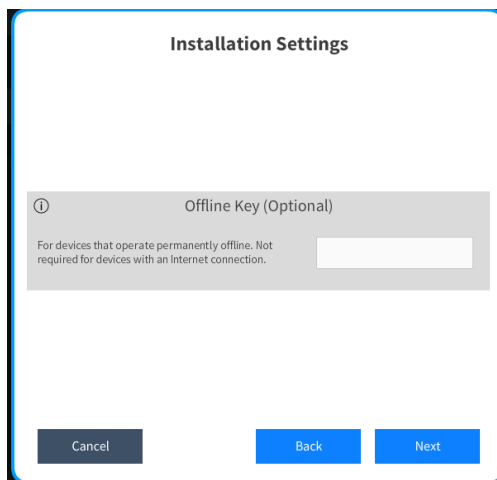
Configure 'Rako'

Please enter TCP/IP settings:

TCP/IP settings	Value
IP Address / Hostname	192.168.x.x
IP Port	9762

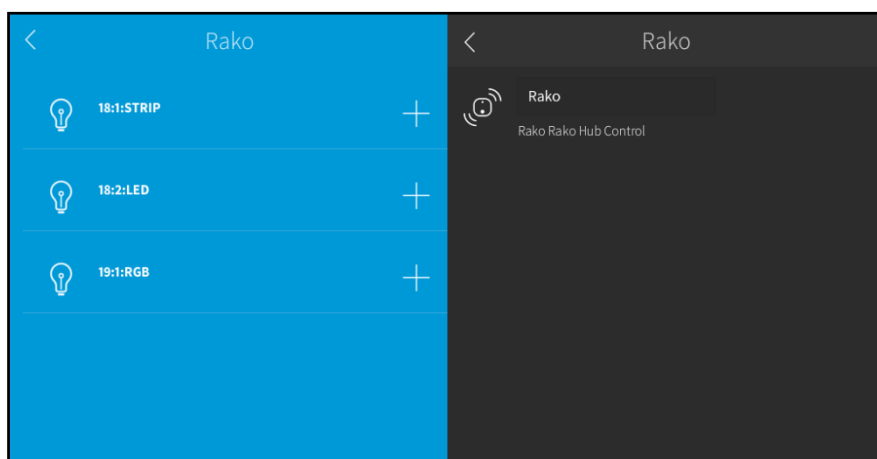
Cancel Next

The driver is licenced via the cloud, but an optional "offline" key can be requested under special circumstances. Please FIRST refer to the "Licensing" section below and then contact [support@ultamation.com](mailto:support@ultamation.com) if you REQUIRE offline activation. The same offline key can be used for multiple driver instances in the same system.

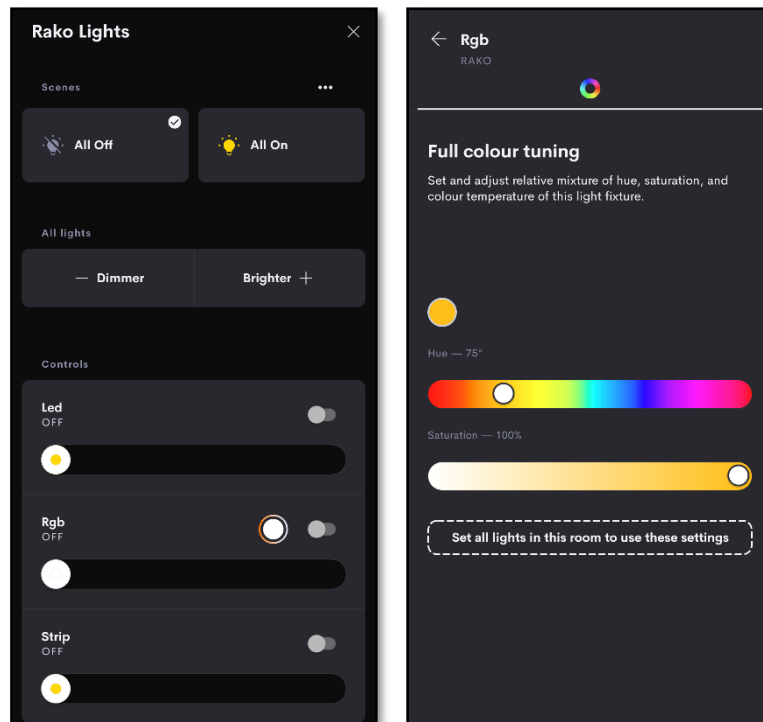


If you do not have a cloud licence and do not enter a valid offline licence key, the system will function for ONE hour and then control will be suspended. The offline licence key can be entered at any time after initial setup without having to reconfigure each tile.

Shortly after the driver is added, it will attempt to connect to the Rako Hub and query the device for connected lights. It will then make these lights available to add to the system as their own sub-devices. These can be found under Managed Platforms > [Name], where [Name] is the name you gave the driver during setup.



The name of the light devices in this menu are formatted as X:Y:Z, where X is the room number, Y is the number of the devices channel (or in the case of an RGB light, the number of its primary channel), and Z is the title of that channel according to the Hub. The lights can be one of several types: dimmable (single-channel), RGB/RGBW, or tuneable (colour temperature). When adding one of these lights, you will be asked for a name, which can be anything you like. The light will then show in the room you placed it, under the 'Lights' tile in the Crestron Home app.



Here you can control the brightness levels of your lights, as well as set scenes or dim/brighten all lights in the room. If you tap the circle to the left of the toggle on an RGB/RGBW light, you will open a page where you can change the hue and saturation of the light independently.

In the 'Managed Devices' menu, you will also find one device per room on the Rako Hub. These are 'Scene Manager' devices and allow you to choose which room your Rako scenes will appear in in Crestron Home. After you place each device in a room, you will see the scenes in the menus in the screenshots above. You will also see one 'tile' device per room. These are similar in functionality to our previous Rako tile driver, in that they add a virtual keypad UI into Crestron Home that allow you to recall up to 5 different scenes per room.

For both types of devices (Scene Managers and Tiles), updates to scenes on the hub will reflect in Crestron Home. For example, if you rename a scene, you should see the name change in Crestron Home within 5 minutes.

## QUICK ACTIONS & SEQUENCES

Several functions are exposed to sequences via Crestron Home's quick actions. Each light device has its own quick actions, and the actions available depend on the type of the light.

Single-channel lights have the following actions:

- Custom fade  
This can be used to set the brightness of the light.
- Full On/Off  
These set the light brightness to 100% (on) or 0% (off).
- Toggle  
This will toggle the light brightness between 100% and 0%.

RGB and RGBW lights have the actions described above, as well as:

- Set HSV Levels  
This allows you to set the HSV levels of the light, where the hue is an integer (0-360), and the saturation/value are both percentages (0-100).
- Set RGB Levels  
Similar to the HSV action, but with RGB values, where each value is an integer (0-255)

Tuneable (colour temperature) lights have the same actions as single-channel lights, as well as one other:

- Set Temperature  
This allows you to set the temperature of the light, as an integer (1700k-10000k).

As well as these, there are a few actions associated with the hub:

- Discover Devices  
This will go through the device discovery process that the driver does upon startup. You can use this when you have added or removed devices from the hub, to add/remove those devices from the Crestron Home UI too.
- Recall Scene by ID  
If you know the ID of a scene you want to set, you can use this with that ID and a room number to set that scene.

### Send Level Query

This sends a level query to the hub, returning the brightness/colours of each light to the driver, essentially refreshing the colour/brightness of each light in Crestron Home.

## SUPPORT

If you have any issues with an integration solution please let us know by contacting Ultamation support on [support@ultamation.com](mailto:support@ultamation.com) and please include as much detail about your issue as possible, such as a recent processor error log.

Licence verification messages are posted to the error log, so please ensure you have checked this.

## LICENCING

This integration solution (including software, images and all other associated assets distributed as part of the purchased download package) is licenced on a PER PROCESSOR basis.

A purchase should not be completed without correct information as refunds cannot be issued for errors or changes made to details following purchase.

This is an electronic product and there is no physical delivery.

The integration solution is provided without any warranty with respect to the reliability of the controlled device or changes to device protocol. We will endeavour, through best efforts, to maintain the integration solution's functionality and any bug fixes will be provided free-of-charge. Additional functionality may be released as a variation of this integration solution and this will be a separate, purchasable, product.

## CLOUD LICENCE

This integration solution contacts Ultamation's licencing server at startup. If the server finds a matching licence for the integration solution and processor then the integration solution will be licenced. Otherwise, the integration solution will check the offline licence key. If you purchase a licence **after** you have loaded the integration solution, please reboot the system to see changes take effect.

If you purchased a licence **before** it was migrated to the cloud service, i.e. you have a licence key already, you must enter this into the **Offline Key** user attribute. If you purchased the integration solution **after** it was migrated, and you don't have a licence key, no further action is required.

If no licence exists for the product/processor the integration solution will enter a short trial period (ONE HOUR) to allow for verification of correct control or evaluation.

To request an OFFLINE key, please contact [support@ultamation.com](mailto:support@ultamation.com) with your order details and a brief explanation why you REQUIRE offline activation. Ultamation reserve the right to refuse offline activation.

**NOTE:** Once an offline key has been issued no further licence changes will be granted. Moving the integration solution to a new processor will require an additional licence purchase.