

PHILIPS HUE NATIVE LIGHTING PLATFORM FOR CRESTRON HOME

Revision: 1.0

Date: 20 April 2026

SUPPORTED INSTALLATION

This is a Crestron Home driver for Crestron Home processors.

This driver is compatible with both the Hue Bridge and Hue Bridge Pro.

DESCRIPTION

Ultamation's Philips Hue Platform allows a Crestron Home system to control Philips Hue lighting products and smart plugs. The driver provides control of an individual bulb's brightness, hue, saturation, and colour temperature (colour bulbs only) and control of groups of lights simultaneously. It also now supports the use of static and dynamic scenes, and Philips Hue Sensors.

To achieve this, you will need the following:

- A Philips Hue Bridge or Bridge Pro
- A Philips Hue White Bulb, Philips Hue White Ambiance Bulb, Philips Hue Colour Bulb, LED Strip, smart plug, or sensor

Install the Philips Hue Bridge, Lights, and Sensors as instructed by the Philips Hue user manual. Each device and group will be added as a device in the managed platform folder of the driver. There is also a "Pairing Tile" device in the folder that is used to display the devices found on the bridge and allows you to resync the bridge.

INSTALLATION

The driver can be found under:

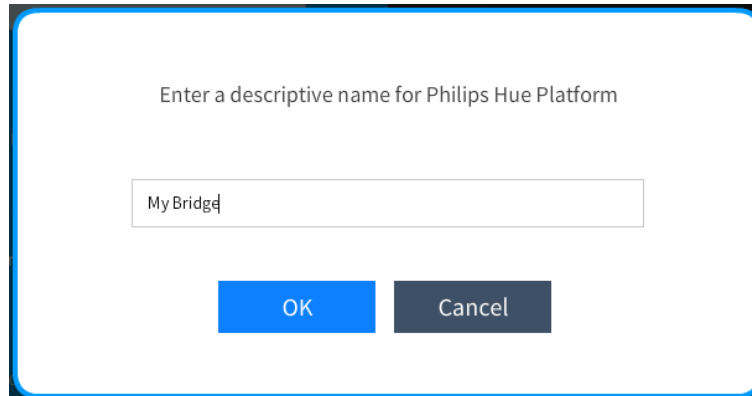
Driver > Platform > Philips > Hue Bridge (Pro)

Adding the Driver

Before the control system can be used, it must first authenticate with each Hue Bridge. This is a simple task of associating the control system with the bridge. First, you must put the bridge into "link mode". To do this, press the LINK button on the bridge. Within 30 seconds, you must load and run the Crestron driver. This will create an entry in a file on the processor (\user\Data\ThirdParty\Ultamation\hue.cache) for future use. If you ever replace the bridge, you will need to re-authenticate. To do so, delete this file and repeat the link process.

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.



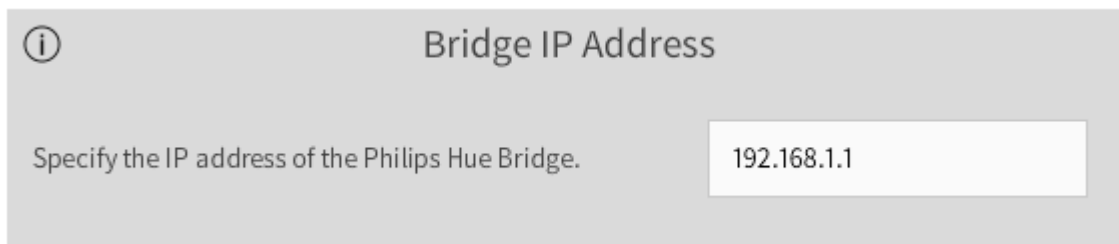
Enter a descriptive name for Philips Hue Platform

My Bridge

OK Cancel

Bridge IP Address

Enter the IP address of the bridge, if this changes at any point you will need to reauthenticate and repair.



i Bridge IP Address

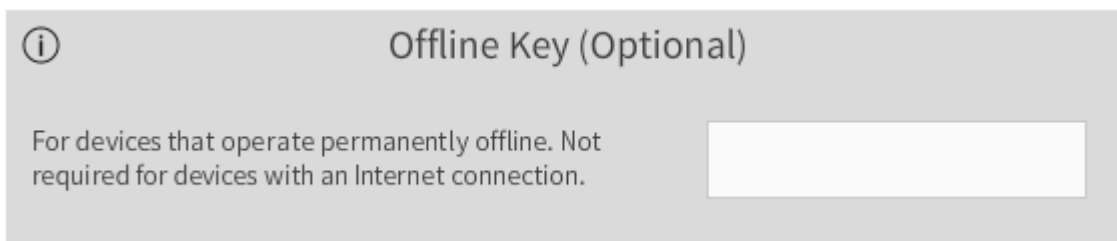
Specify the IP address of the Philips Hue Bridge.

192.168.1.1

Offline Key

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 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.

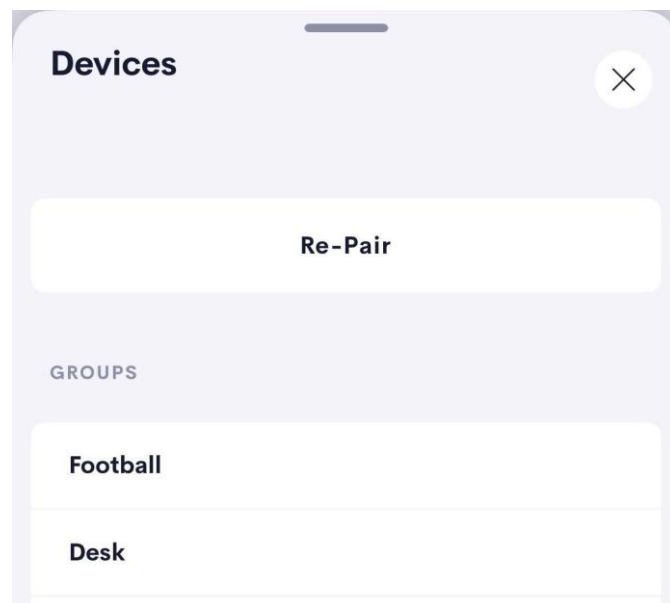


i Offline Key (Optional)

For devices that operate permanently offline. Not required for devices with an Internet connection.

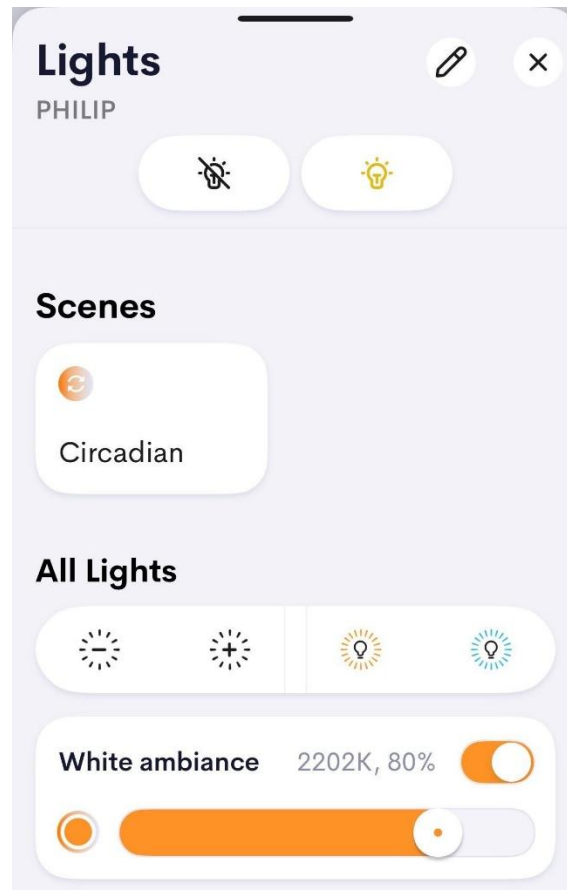
Pairing Tile

The pairing tile is used to display the current groups, scenes, lights, sensors and smart scenes currently discovered on the hue bridge. The re-pair button is used to resync the state of the hue bridge. This button will be used when adding new groups, scenes or devices.



Lights

Philips hue lights can be added and found in the Crestron Home lights section of the room. The lights have the appropriate capabilities depending on if they are dimmable, tuneable or full colour.



Groups and Scenes

Light groups can be added as a Crestron Home light and can be controlled as such. When adding the group you can select if you wish to display this group's scenes and smart scenes.

①	Scenes	
Tick this box if you want this group's scenes to be displayed		☐
①	Smart Scenes	
Tick this box if you want this group's smart scenes to be displayed		☐

If scenes have dynamic capabilities, this can be enabled by checking the “Dynamic Scenes” box. If this is checked, enter a duration time in ms, otherwise this will default to 0, effectively making the scene static.

i
Dynamic Scenes

Tick this box if you want to enable dynamic scenes on scenes that have this capability. If left unchecked, scenes will remain static

☐

i
Scenes Duration

Scene duration in ms

Scenes



Arctic aurora



Bright



C

All Lights







Living Room

2000K, 100%






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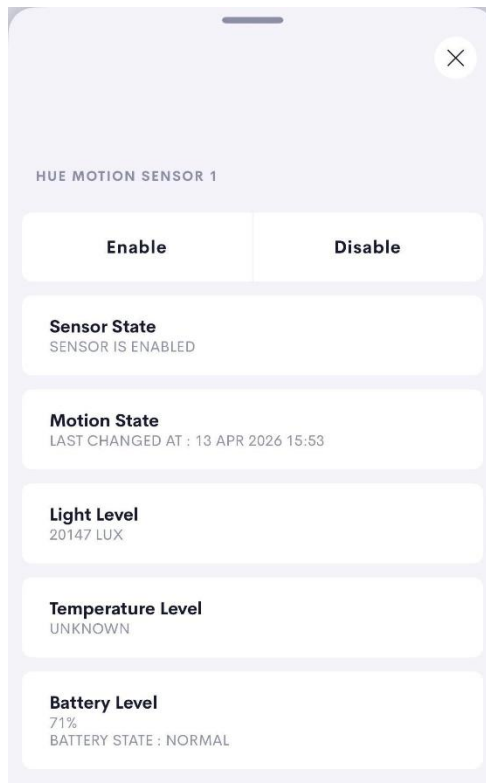
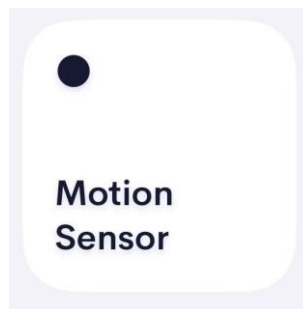
Plugs

Philips hue plugs can be added as a "Switched Light" under the lights section of Crestron Home. All plugs also come with a plug extension tile to display the state of the plug. When pressed, the plug tile will toggle the state of the plug.



Sensors

Philips hue sensors can be added as an extension tile to display the sensors readings. The sensor tile also has the capability to enable or disable the sensor. Motion sensors come equipped with a "MotionEvent" which is triggered whenever motion is detected.



SUPPORT

If you have any issues with an integration solution please let us know by contacting Ultamation support on 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 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.