Lumagen Radiance driver

Crestron Home™ Driver

Base Model: RadiancePro 4242
Device Type: AV Switcher
Version: 1.1.3

Notes & Recommendations

The Lumagen Radiance Pro driver communicates with the device via serial RS232, allowing you to easily route and power it on. It uses the Crestron Home™ (CH) framework. Sources are automatically switched to their respective areas upon request, based on the assignment configuration. Making it a convenient tool for managing your AV system.

It is important to note that the devices must be configured properly to ensure optimal performance.

This driver comes with a 2-hour trial license. You can purchase a full license at https://digitalautomation.us/product/lumagen-radiance-pro-crestron-home-driver

Supported Features

- Source Routing Control.
- Power On and Standby mode.

Installation/Upgrade Instructions

The Lumagen Radiance system should be fully configured and functional before the driver can be implemented before the driver is added to a Crestron Home™ room. Make sure that the serial settings are correct for the driver and the device.

Add the driver to the Crestron Home™ room that the zone device will be servicing.

When adding the driver to a room, it will ask for a descriptive name. This driver comes with a 2-hour trial license. The license information can be updated when the driver is initially deployed or later on from the installer setting tab.

Note:

- The driver sends commands to select only one input at a time.

Device settings:

To check these settings in the device:

- MENU → Other → I/O Setup→ RS-232 Setup
- MENU → Other → I/O Setup→ RS-232 Setup→ Delimiters→ (Off)

This is the pinout configuration:

- Pin 2 – Receive
- Pin 3 – Transmit
- Pin 5 and connector shell – Ground

Note:

- Check the Com port settings between the driver and the device.

Driver location:

The driver can be found under the following section: Drivers - AV Switcher - Lumagen on the Crestron Home™ (CH) Setup App.

When you add the driver to a room, It will ask you for a descriptive name and License Key information.

For additional information on this driver please visit the FAQs section on our website https://digitalautomation.us/product/lumagen-radiance-pro-crestron-home-driver

Supported Features
- Input routing.
- Discrete power

System Requirements and Dependencies

Software version used:

- Crestron Home v4.001.0334.
- Crestron Home App 4.1.13+pr

For additional information on this driver, please visit this driver's FAQ section on our website.

Test Environment

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

- CP4R Firmware v2.8000.00056.
  - Crestron Home 4.001.0334.
- CDD SDK 19.0000.0018
- TSW - firmware v1.006.0046.
  - Crestron Home App 4.1.13+pr

Supported Models

- Lumagen Radiance Pro 4242.
- Lumagen Radiance Pro 4442.
- Lumagen Radiance Pro 4444.
- Lumagen Radiance Pro 4446.
- Lumagen Radiance Pro 5348.
- Lumagen Radiance 2143.

Contact Information

If you have any questions please contact us at drivers@digitalautomation.us

Version History

1.0.0

04/30/2023

- Initial release

1.1.0

06/30/2023

- Discrete power feature added.
- Video and Audio and mirrored outputs support added.

1.1.1

04/04/2024

- Power and routing commands logic updated.

1.1.2

04/04/2023

- Exit command appended to the power and routing commands.

1.1.3

09/08/2023

- Commands updated. CR character removed.

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