

HDANYWHERE UCONTROL IR AND CEC DRIVERS FOR CRESTRON AND CRESTRON HOME

Revision: 1.00
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LICENCING

Please visit <https://shop.ultamation.com/index.php/product/173-hdanywhere-display-control-ccd-driver> to obtain a licence key for your Crestron processor.

ADDITIONAL READING

Please refer to the Using 3rd Party driver document for instructions on installation and configuration of the driver with Crestron Home.

SUPPORTED INSTALLATION

The driver is designed to integrate HDANYWHERE UControl devices into Crestron Home. Two variants are provided – one for IR control and one for CEC.

The modules can also be used in standard Crestron systems by using a wrapper module in SIMPL Windows. This is explained further later in the document.

MODULE DESCRIPTION

The driver provides some control of connected displays using UControl commands over IR and CEC. The module is for Crestron home but can also be used in standard Crestron systems using a wrapper module in SIMPL windows.

The supported commands vary between the IR and CEC versions, where IR has the larger range of commands. The table below shows this

Each device to be controlled will require a separate definition using the driver, but the same licence key can be used for multiple devices on a single processor.

After importing the driver (see the general "How to" document), the driver will be found under:

Devices > Display> HDANYWHERE

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 for the device – this can be anything you wish. You will also need to specify the IP address and port. Leave "Requires Authentication" unchecked.

The device will be added to your system and you will be asked to enter some information:

- The licence key to ensure that the integration will function after the initial one-hour trial period.
- Output port of the display for the UControl commands. For the IR module this is a number. For the CEC module this is a lowercase letter. Check the HDAnywhere documentation for more information.
- A checkbox for discrete power. Check this box if the UControl IR pack supports discrete power.

The licence key will be emailed to you with your order acknowledgement. The same key can be used for multiple device instances in the same system (though different Crestron Home systems will require different licence keys). If you do not enter a valid licence key here, the system will function for 1 hour and then control will be suspended. The licence key can be entered at any time after initial setup without having to reconfigure each tile.

SUPPORTED COMMANDS – IR AND CEC

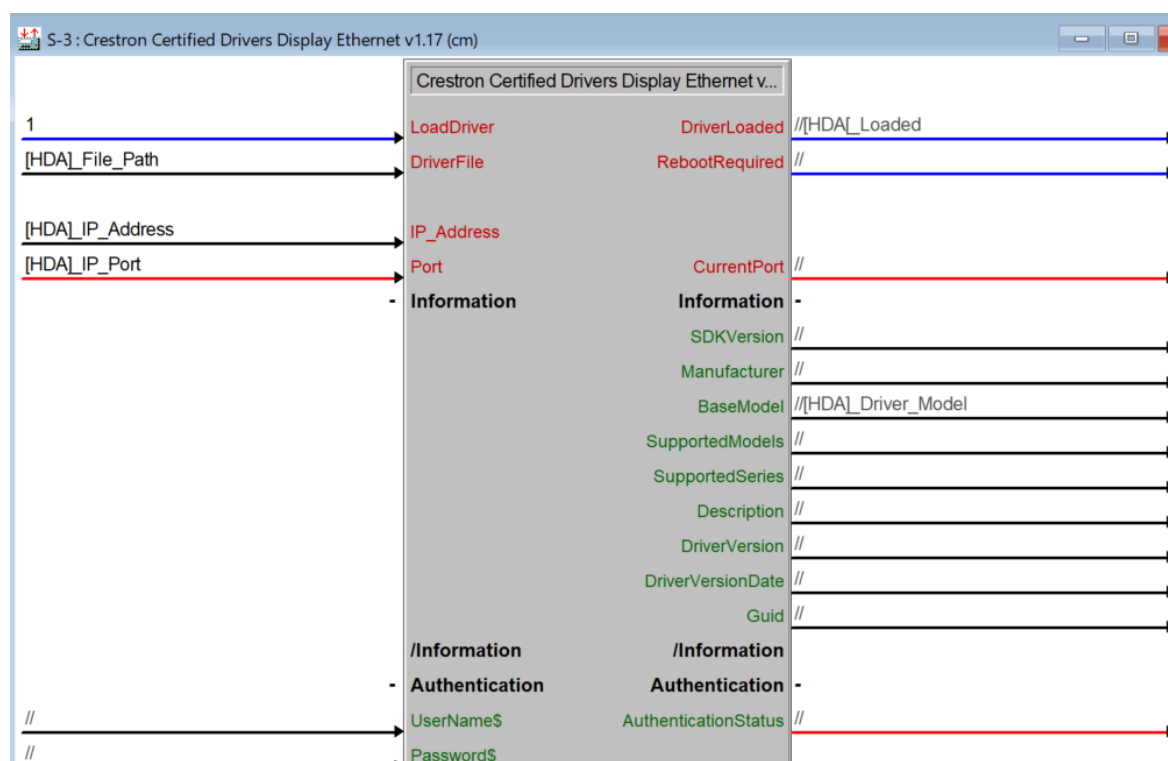
The table below shows which commands are supported by each module version – IR and CEC

Command	IR	CEC
Numbers 0 - 9		
Channel Up and Down		
Play		
Pause		
Stop		
Forward		
Skip Forward		
Rewind		
Skip backward		
Record		
Up, down, left, right arrows		
Select/ok		
Back/Return/Cancel		
Menu		
Home		
TV Guide		
Red, Green, Yellow, Blue		
Volume Up		
Volume Down		
Mute toggle		
Info		
Power toggle		
Power Off explicit		
Power On explicit		
Yes / Thumbs Up		
No / Thumbs Down		
Search		
Exit		
Subtitles		
Eject		
Audio		
Top menu		
Pop up menu		
Input Select 1		
Input Select 2		
Input Select 3		
Input Select 4		

USING THE MODULES IN STANDARD CRESTRON

This section explains how you can use the Crestron Home pkg files in regular Crestron with SIMPL Windows

- In your SIMPL Windows program, add a **Crestron Certified Drivers Display Ethernet** module (found under Crestron Modules -> Crestron Certified Drivers)
- Place the driver pkg file in the processor's NVRAM folder
- Send the path of the pkg to the DriverFile signal in the wrapper module
- Also send the port and IP address of the HDA device
- Further down the module you will need to add some User Attributes
 - User Attribute 1 is the **Licence key** that you can purchase from the Ultamation shop page (without this the module will function for 1 hour as a trial)
 - User Attribute 2 is the **Output Port** for the UControl commands. For the IR module this is a number. For the CEC module this is a lowercase letter. Check the HDAnywhere documentation for more information
 - User Attribute 3 indicates whether the UControl IR pack the device uses supports **discrete power** or not. Send true if it supports discrete power and false if not
- Add signals for the other commands you wish to use. Check the table above to see whether each command is supported by the module or not



SUPPORT

If you have any issues with a driver or installation please let us know by contacting Ultamation support on support@ultamation.com and please include as much detail about your issue as possible, such a recent processor error log.

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

LICENCE

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

A licence key is generated at the point of purchase and is linked at that time to specific information that MUST be provided at the time of purchase. A purchase should not be completed without correct information as refunds cannot be issued for errors or changes made to details following purchase.

The licence key for each device will be delivered via email along with links to download the module. There is no physical delivery.

The module 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 module's functionality and any bug fixes will be provided free-of-charge. Additional functionality may be released as a variation of this module and this will be a separate, purchasable, product.