HDANYWHERE Driver for Crestron

Revision: 1.00

Date: 23 March 2023

SUMMARY

Ultamation's HDANYWHERE driver module for Crestron control systems, gives you control over

This Datasheet provides the essential information for integration between HDNYWHERE with a Crestron Custom control processor.

This module is compatible with 3-Series Crestron and 4 series systems ONLY and has been tested with HDANYWHERE MHubPro288000.

We recommend testing the module prior to purchase by downloading the module and using the 1-hour trail period, which can be restarted by rebooting the Crestron Processor.

INSTALLATION NOTES

The Crestron system communicates with the HDANYWHERE box directly via an IP connection. The HDANYWHERE device must be set to a static IP address. When HDANYWHERE devices are stacked together, connect only to the master device IP Address and use only one instance of the module.

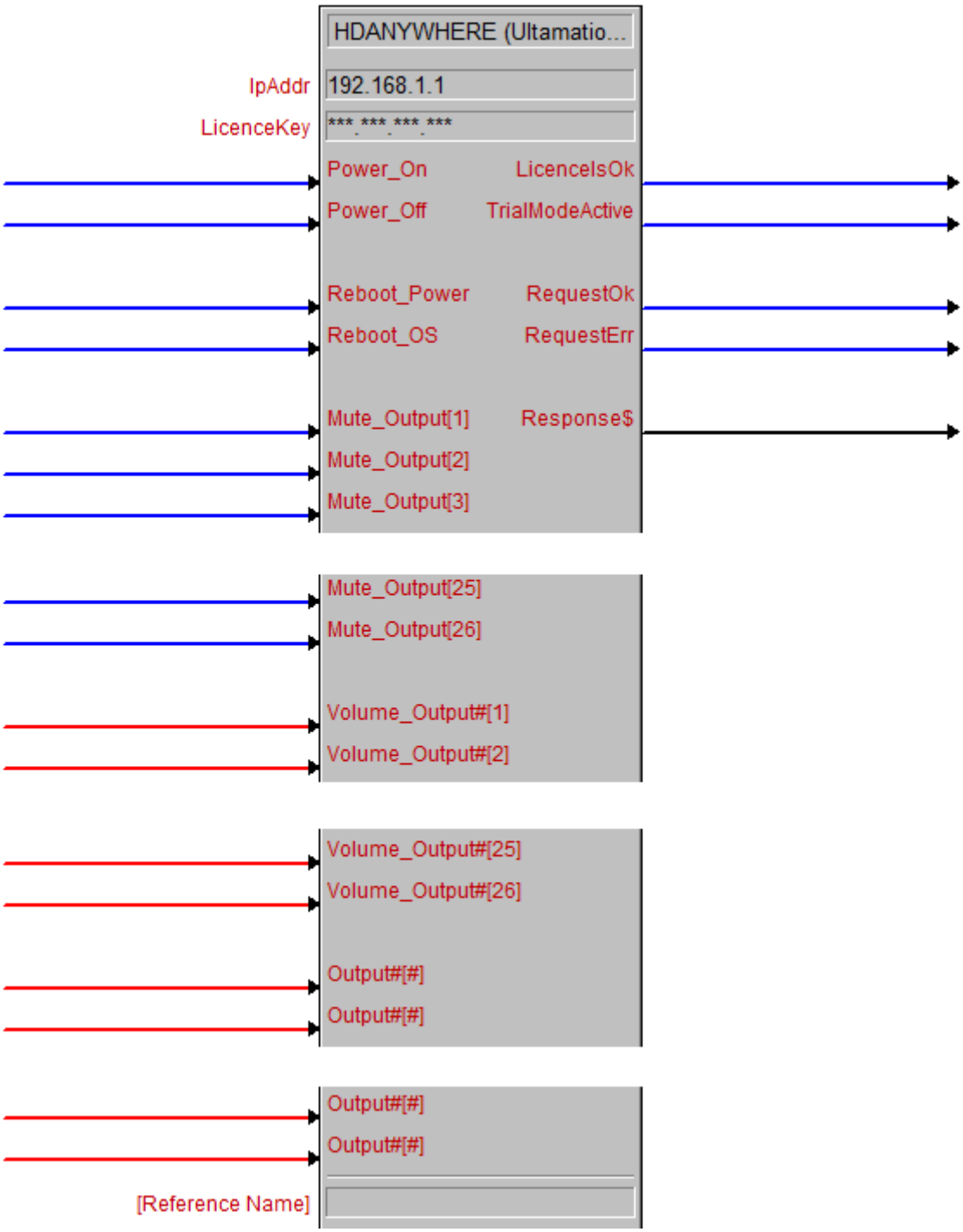
The licence key is tied to the processor serial number and can be used for multiple instances of the module on the same processor.

PROGRAMMING NOTES

Each of the module files (see below) should be placed either in the host program's project folder, or to make the HDANYWHERE available to all Crestron programs, in the SIMPL Windows installation's User SIMPL+ (for .usp, .ush and .clz files) directories. This pdf should be placed in the same directory for SIMPL's F1 help function to work properly.

The module consists of a single SIMPL+ wrapper module to the core SIMPL# driver:

- HDANYWHERE MHub (Ultamation) v1.00.usp & .ush
- HDAnywhereClient.clz
- HDANYWHERE Datasheet (Ultamation) v1.00.pdf (this file)



IpAddr– Enter the IP address of the HDANYWHERE to be controlled. If you are stacking HDANYWHERE devices, please use the master's IP Address.

LicenceKey – The module will function, without any restrictions, for 1 hour without a licence key so that integrators can "try before you buy". For continued use, the module requires a licence key that is generated at the time of purchase from the Ultamation Store and is linked, at that time, to the information provided for the processor serial number. The licence key will be delivered via email to the address linked to the account used at checkout.

Inputs

Power_On – Use this signal to wake the device from standby mode.

Power_Off – use this signal to put the device into standby.

Reboot_Power – Hard reboot the system.

Heboot_OS – Soft reboot the system.

Mute_Output[1-26] – On the rising edge, a mute command will be sent to the corresponding device output. On the falling edge, a unmute command will be sent to the corresponding device output.

Volume_Output#[1-26] – This signal will set the volume of the corresponding output. Value range 0-65535 will be converted to 1-99 for the HDANYHWERE device.

Output#[1-26] – This signal will set the input of corresponding output to this signals value.

Outputs

LicenceIsOk – If the Licence enters within the "LicenceKey" property, matches up with the processor's mac address, this signal will go high.

TrialModeActive – This signal will remain high while the 1 hour trial period is active.

RequestOk – If the device we are talking to replies with a response, this signal will go high.

RequestErr – If the request response includes an err, this signal will go high.

Response$ - Displays the response the driver has received.

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.