

GLOBAL CACHE SERIAL PORT DRIVER FOR CRESTRON HOME

Revision: 1.00

Date: 27 February 2023



LICENCING

Please visit <https://shop.ultamation.com/index.php/product/204-global-cache-serial-port> to obtain a licence key for your Crestron processor.

CRESTRON HOME ONLY

This document describes the configuration of the Global Caché Serial Port Driver for Crestron Home only.

SUPPORTED INSTALLATION

The driver is designed to operate Global Caché devices that provide remote serial ports over IP control. At the present time, Crestron Home does not support IR or Relay extenders so these are NOT supported.

MODULE DESCRIPTION

The driver creates one or two "virtual" serial ports that can be used to connect Crestron Home devices or serial modules (such as Ultamation's Serial Wildcard) to the Global Caché physical serial ports for full bi-directional communication.

Each Global Caché 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 adding the driver to the system, additional COM ports will become available in the general connections with Crestron Home – Note: Even if the Global Caché device provides a single Serial port, the driver will still display two ports – this is because port definitions are statically defined within Crestron Home.

The driver is located in an unusual position in the Crestron drivers tree – under AV Switchers. The reason for this is because extender ports can only be defined on AV Switchers, so we create a "fake" AV Switcher in order to expose the remote serial ports.

Devices > AV Switchers > Global Cache

Tip: Although different devices are listed, they all share the same driver code, so the actual driver selected is not relevant.

Adding the Tile

Ensure a room is selected, and then click on the '+' against the Global Cache item.

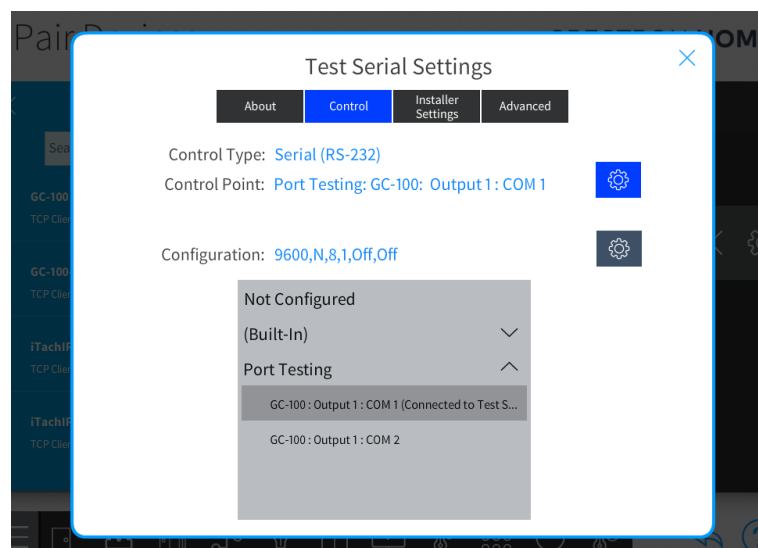
You will be asked to provide a descriptive name for the tile – this can be anything you wish. You will then need to provide the IP address of the Global Cache device – which should naturally be set to a fixed address. The port number should be left at the default.

Requires Authentication should be left un-checked.

The device will be added to your system and you will be asked to enter the licence key to ensure that the integration will function after the initial one hour trial period.

The first parameter will be the licence key that was emailed to you with your order acknowledgement. The same key should be used in each tile in the 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 Global Cache port functionality will be suspended. The licence key can be entered at any time after initial setup without having to reconfigure each tile.

Once added, you will then be able to connect other Crestron Home serial drivers to the new port/ports.



The remote serial ports will appear in the room in which the driver was added, and then appear as the device name (Output 1, always) and COM 1 for single port devices, or COM 1/COM 2 for devices supporting 2 serial ports.

As mentioned above – COM 2 will ALWAYS appear, even if your device does not have a second port.

Notes about COMSPEC

The settings for the com port are **NOT** set in Crestron Home, and **MUST** be configured on the Global Cache device itself. For example if your serial device communicates at 19200, 8-N-1 this must be configured via the Global Cache web interface. The Crestron Home settings have no affect.

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.