

WATERGATE SONIC STOPCOCK DRIVER FOR CRESTRON HOME

Revision: 1.0

Date: 04 Dec 2025

MODULE DESCRIPTION

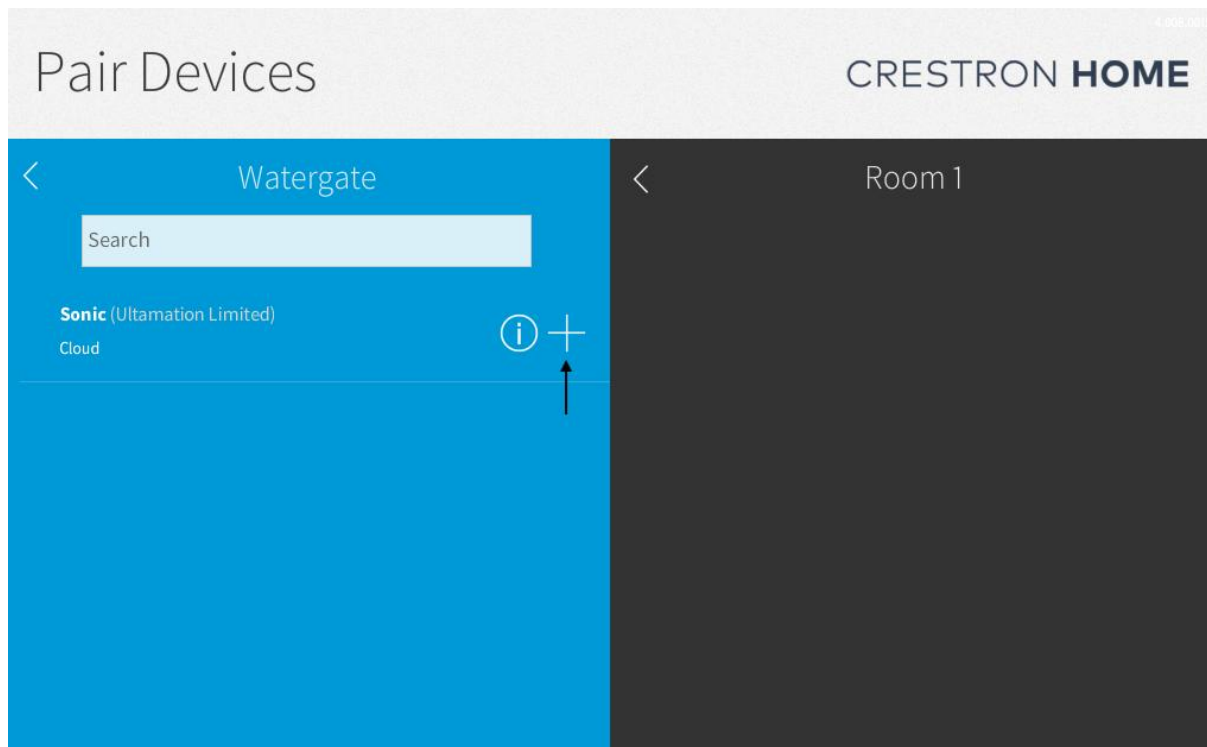
The driver is designed to provide users with the ability to view telemetry data from a Watergate Sonic stopcock installed in their home, while providing them with the ability to open and close the stopcock, all within the Crestron Home UI. Users can have notifications being triggered for certain events by integrating with Ultamation's existing Notice Tile driver.

INSTALLATION

The driver can be found under Drivers > Sensor > Watergate > Sonic

Adding the Driver

Before adding a driver, make sure a room has been selected, and then click on the '+' against the Watergate Sonic driver



You will be asked to provide a descriptive name for the driver; this can be anything you want.

Installation Settings



Sonic IP address

The IP address of the Watergate Sonic Device.



Sonic Event Listener Port

The port for communication with the Sonic device. Do not change unless there is a problem with the port number.



Offline Key (Optional)

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

Cancel

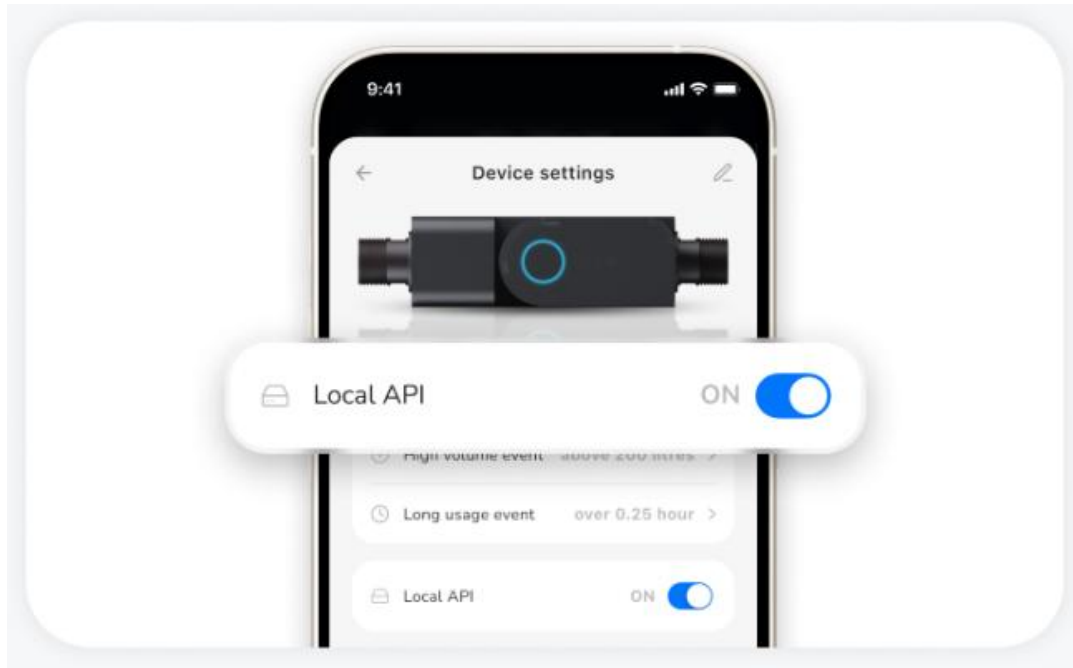
Next

After entering the room name, you are presented with the next page in the installation settings.

For the driver to work with the device, you need to have the Local API for the Sonic purchased from the Watergate site. This can be found here:

<https://watergate.ai/product/local-api-for-sonic/>

Once this has been purchased, the same email used to buy the license needs to then be used to sign into the Watergate mobile app. Opening the app, go to **Devices -> Sonic -> Settings** then turn on the **Local API toggle**.



After enabling this, enter the IP address of the Sonic device and enter this into the driver installation settings.

The listener port is the port number we use for communication with the device. We chosen a default of 17121, however if another device is conflicting with this number, the option is here to change it.

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.

The next page is as follows:

Installation Settings



Connect to Notice Tile

Check to send device alerts as a notification to Notice Tile.

☐



Notice Tile IP Address

The IP address of the Notice Tile.



Notice Tile UDP Port

The UDP listener port of the Notice Tile.

Cancel

Back

Next

The Connect to Notice Tile should be left unticked unless you have the Notice Tile for Crestron Home which can be found here:

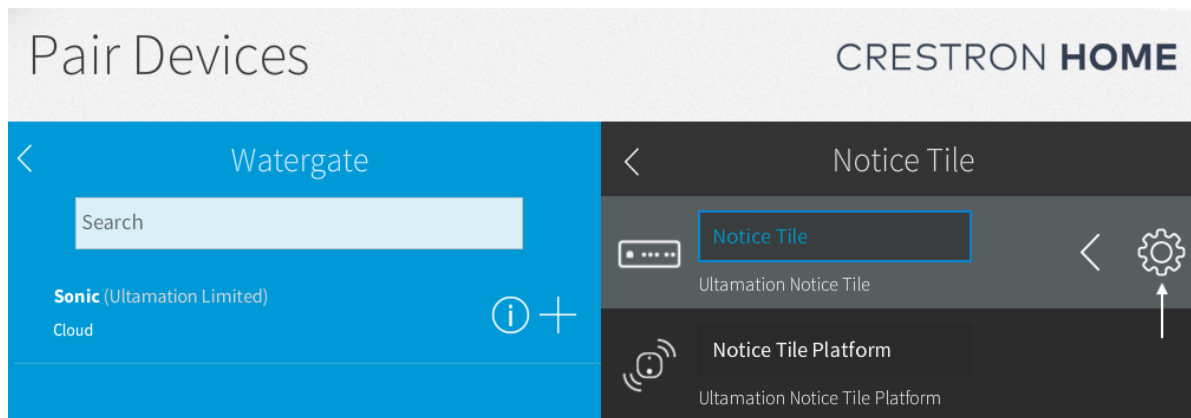
<https://shop.ultamation.com/index.php/product/253-notice-tile>

This driver utilises the Notice Tile to send Push Notifications to the user. An example is when the sonic device is sending webhooks that are then received by the listener, we process the payload and send a notification to the Notice Tile. The driver still functions without the Notice Tile functionality, still showing the telemetry data of the stopcock. If you don't want to connect the notice tile, you can leave the remaining options and just continue.

When we are configuring the listener, we want to the IP address to the processor that the driver is loaded on, which is why we use a loopback address. You can leave this as it is, or if you wish, put in the processor address.

For Notice Tile UDP Port, we enter in the UDP port number that we have set up in the Notice Tile. To do this after loading the Notice Tile:

1. Go to the room where the Notice Tile is located and click the cog.



2. Choose the "Installer Settings" header and scroll down. Enter a valid port number.

Notice Tile Settings

AboutInstaller SettingsAdvanced

HTTP Port

Enable HTTP listening on the specified port.

11000

TCP Port

Enable TCP listening on the specified port.

UDP Port

Enable UDP listening on the specified port.

11002

Sensitive Dismiss PIN

Enable sensitive notices by providing a 4 digit PIN code that must be entered by the user to dismiss a sensitive notice. Leave blank if ...

3. Return to the Sonic Driver and enter the same port number.

Finishing with this, the driver should be successfully loaded on to the driver. Ensure that the Watergate Sonic is on, but if the device ever goes off, an error will appear on the UI and will disappear after a minute once the device is back online.

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.