

Case study

How to set-up integration of WeatherFlow meteo station with CamScripter App

Mission

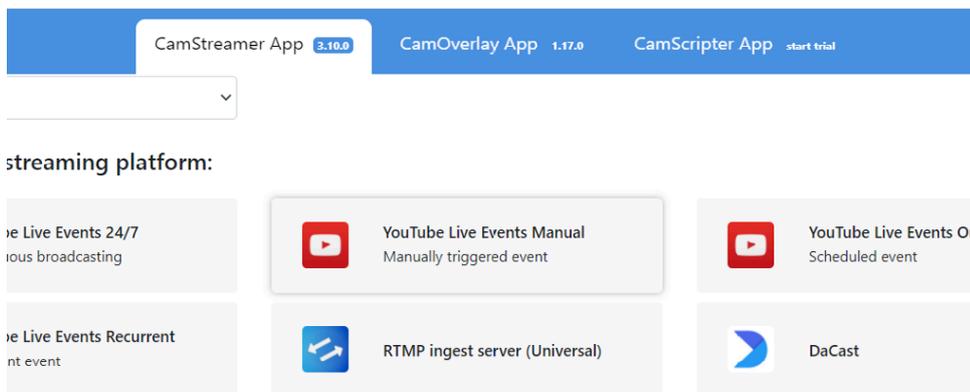
How can local weather information be depicted in a live stream? Thanks to the CamScripter App, we're able to embed precise data into a live stream from any place. As a new feature, this can now be done from a meteorological station - in this case, the WeatherFlow station. Viewers thus have an overview of specific conditions directly in a specific site - at a beach, marina, ski slope, etc.

What do you need?

- [An AXIS camera](#) (check compatibility [here](#))
- [WeatherFlow Station](#)
- Our [CamStreamer App](#)
- Our [CamOverlay App](#)
- Script for [CamScripter App](#) on [GitHub](#)
- Background and config file for Custom Graphics in the CamOverlay App - [download here](#)

Tip: Get a free 30-day license on camstreamer.com. Try everything out before making a one-time purchase of the license.

1. Install the [CamScripter App](#) and [CamOverlay App](#) in your camera (you can do this via the upper bar in the [CamStreamer App](#)).



2. Download the current WeatherFlowApp package on: https://github.com/CamStreamer/CamScripterApp_packages_to_use

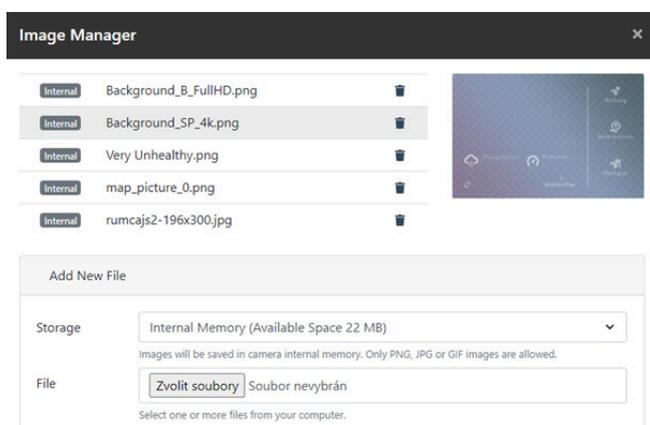
CamStreamer Merge pull request #1 from CamStreamer/fd-weatherflow286			172a098 7 days ago	🕒 23 commits
📄 README.md	Update README.md			2 years ago
📄 clockAnalog.zip	Packages updated.			11 months ago
📄 clockDigital.zip	Packages updated.			11 months ago
📄 doorController.zip	Packages updated.			11 months ago
📄 twitter-statuses.zip	Packages updated.			11 months ago
📄 weatherflow_app.zip	WeatherFlow add			7 days ago

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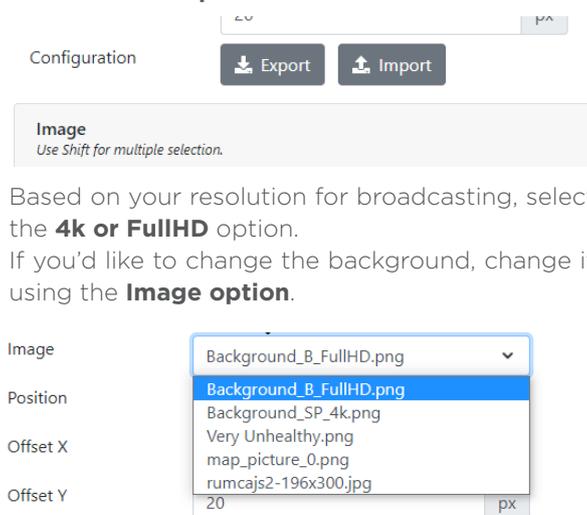
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3. Download the **ZIP file with backgrounds** and config files for **Custom Graphics**. Unpack all files and:

a) Upload **all pictures** to **Image manager** (you can change the background in the service itself for our prepared pictures or for your own).



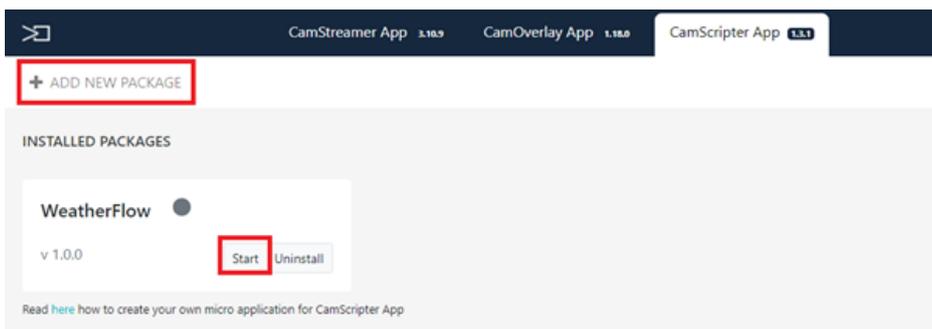
b) Import the **.json file** to **the CamOverlay App** to the **Custom Graphics** service.



Based on your resolution for broadcasting, select the **4k or FullHD** option.

If you'd like to change the background, change it using the **Image option**.

4. **Upload** the file „wheatherflow_app.zip“ to the CamScripter App and press „**Start**“



5. Open **the micro app** via the gear icon and insert your **station ID** and **token** and select the **unit system** you want to use.



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6. Set the **service ID** of **Custom Graphics** in the CamOverlay App.

CamOverlay Settings

Service ID

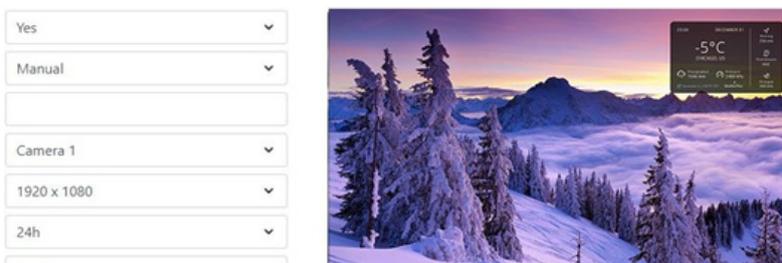
(name of fields have to be: timestamp, airTemperature, barometric)

7. Set the **time offset from UTC timezone** and the **name of the location** displayed in the widget

Time Offset from UTC time [hour]

Location

8. Now, check out the widget in the picture!



And, of course, you can **change the weather widget** as you like. This one is a default widget which we've created.

The only condition is that the **names of fields** in the service have to be the same as they are shown on the **configuration page** (names of fields have to be: timestamp, airTemperature, barometricPressure, windAvg, windDirection, windGust, precipAccumLast1hr, date, time, location).

Name:

Pos X: px

Pos Y: px

Width: px

Lines:

Text Color:

Text font: Classic text

Text size: px

Align horizontally: Left

Align vertically: Bottom

Variables for text: #date, #dateus, #dstek, #time12, #time24, #timesec



camstreamer.com/resources/integration-WeatherFlow

If you have a **request for a tailor-made micro-application** to be created for you, please don't hesitate to contact us: support@camstreamer.com