

USE CASE - instructions

How to set up the Weather widget in your stream

Have a look at this simple guide to enriching your stream with the most commonly used overlay graphics in the CamOverlay App - the Weather widget. This is a practical function that will liven up your stream by delivering practical weather information on a given location to your viewers together with an interesting view of the action.

What do you need?

- An **AXIS camera** (check compatibility [here](#))
- The **CamStreamer App**
- The **CamOverlay App**

Where do we get our data?

We download data from AccuWeather API service, which collects both local and international data on the weather situation. Current weather data and forecasts up to three days in advance are available.



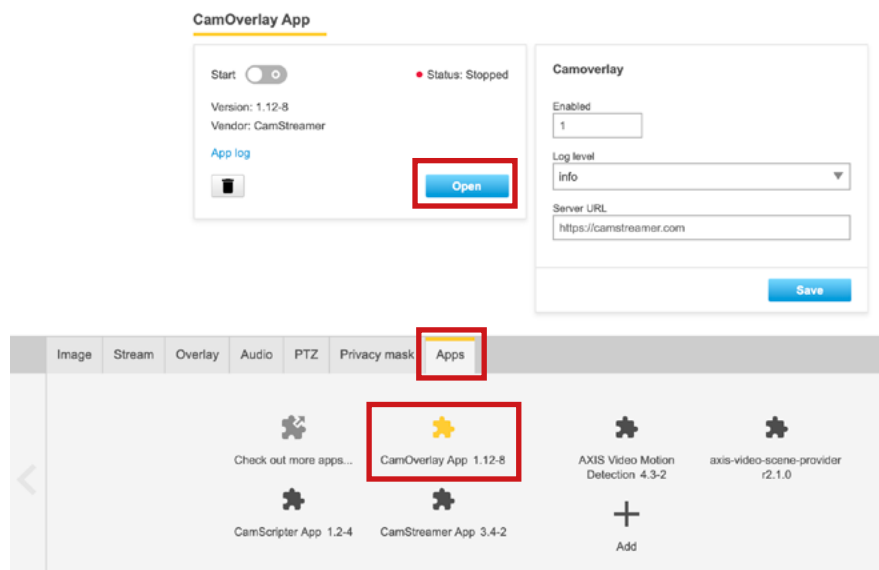
Steps for set-up:

1. Sign into the camera's web interface, install the [CamStreamer App](#) and [CamOverlay App](#) in the App section, and buy a license for them at www.camstreamer.com.

Tip: A free 30-day license for both applications can be acquired at the camstreamer.com website; this way you don't have to pay for the license before you make your settings, allowing you to try it out before purchasing.



2. Open the user interface of the CamOverlay App (the link can be found in the Axis camera's interface; click on the Open button in the Apps tab).

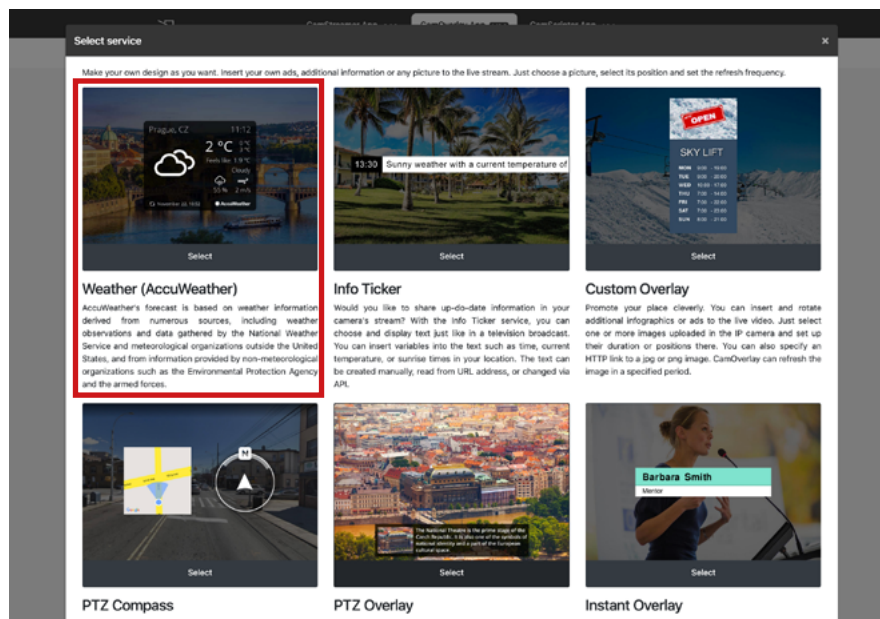


The screenshot shows the CamOverlay App interface. The top part displays the app's status: 'Start' (off), 'Status: Stopped', 'Version: 1.12-8', and 'Vendor: CamStreamer'. A red box highlights the 'Open' button. Below this, the 'Camoverlay' settings panel is visible, showing 'Enabled' (1), 'Log level' (Info), and 'Server URL' (https://camstreamer.com). The bottom part of the screenshot shows the 'Apps' tab in the camera's interface, with a red box highlighting the 'CamOverlay App 1.12-8' icon.

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3. In the CamOverlay App, select the preset **Weather service** (AccuWeather). This is the service that makes it possible to depict overlay graphics with the the current weather report or forecast for a pre-selected location.



4. Set-up the service in several easy steps:

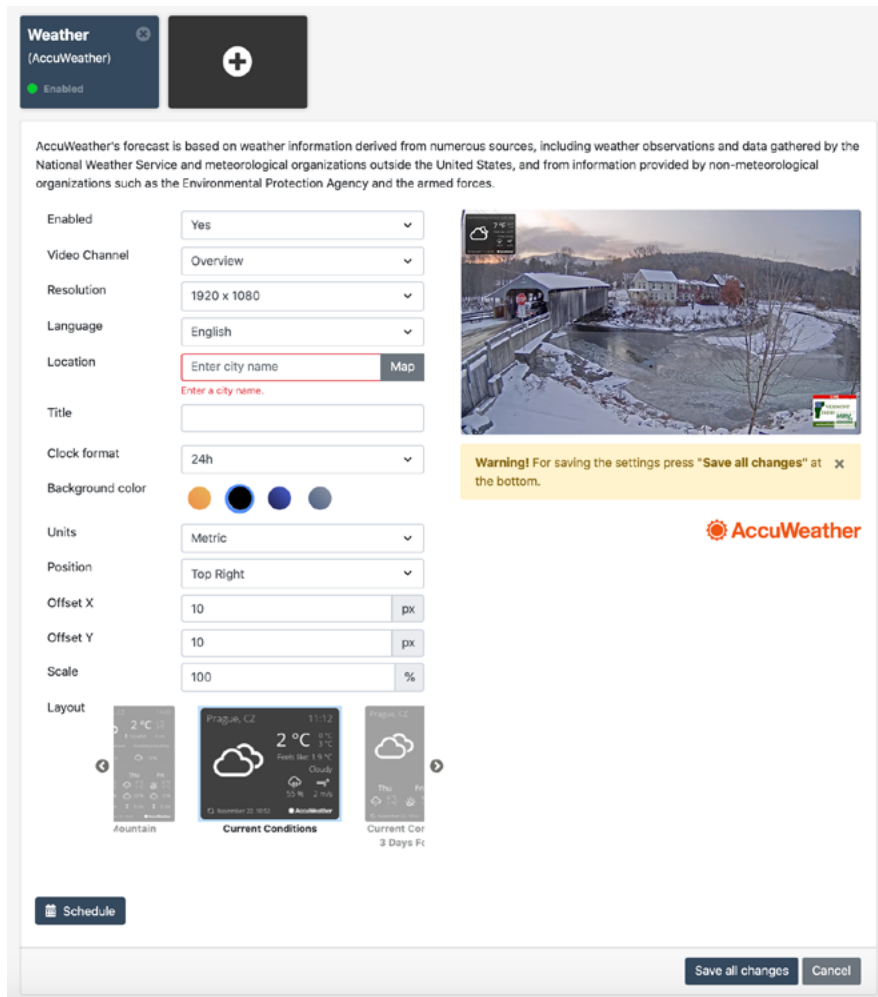
- First set the **Video channel (View Area)** where the widget should appear and the **resolution** of the stream that will contain the graphics.
- You can also select from these options:
 - Widget **language** (English, Dutch, Czech, French, German, Russian, Spanish)
 - **Location** that the weather info applies to – e.g. London, etc.

Tip: Click on the "Map" button and specify a specific location by clicking on it in the map.
 - A **title** that will be depicted in the caption of the widget
 - **Time format** (12-hour or 24-hour)
 - Widget **background color** (4 options)
 - **Units** in metric or imperial system format
 - **Position** of the widget in the image and **offset X** (horizontal) and **offset Y** (vertical) in pixels
 - **Size** of the widget in percentage
 - Finally, select a **layout**, i.e. the widget's info content and layout – there are 11 layouts to choose from.
- Finally, you can set up the **Schedule** if you want to depict the widget for only a certain duration; if you don't fill this in, it will be displayed continually.
- Finally, click on **Save all changes** – your widget is now set up!



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Weather
(AccuWeather)
Enabled

AccuWeather's forecast is based on weather information derived from numerous sources, including weather observations and data gathered by the National Weather Service and meteorological organizations outside the United States, and from information provided by non-meteorological organizations such as the Environmental Protection Agency and the armed forces.

Enabled: Yes

Video Channel: Overview

Resolution: 1920 x 1080

Language: English

Location: Enter city name Map

Title:

Clock format: 24h

Background color:

Units: Metric

Position: Top Right

Offset X: 10 px

Offset Y: 10 px

Scale: 100 %

Layout:

Warning! For saving the settings press "Save all changes" at the bottom.

AccuWeather

Schedule

Save all changes Cancel

You can check everything in the **live view** of the camera's interface.

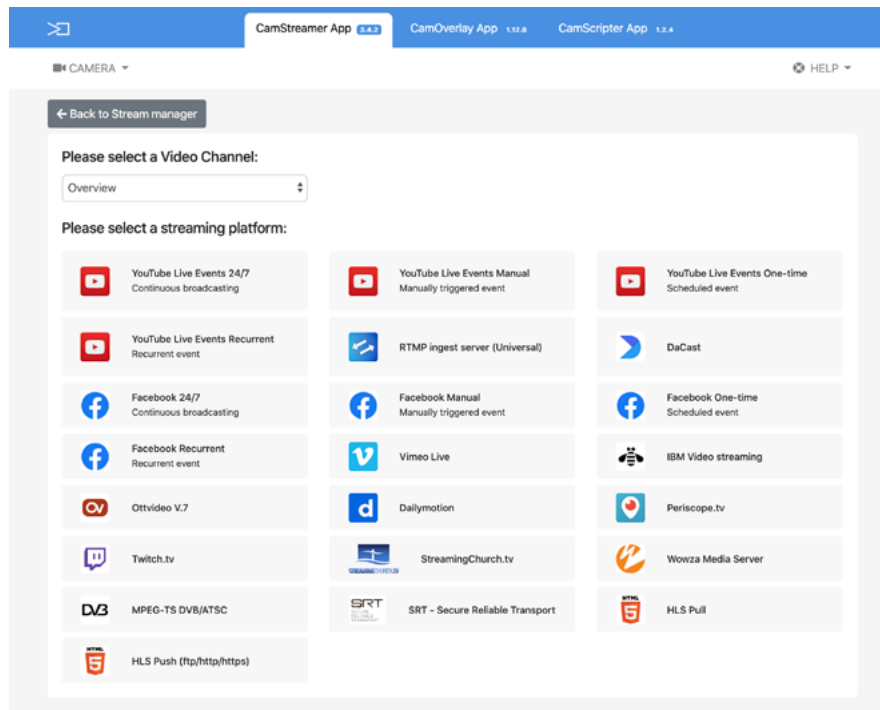
Tip: Make sure the same resolution is set in the live view as in required outgoing stream. Ideally, the widget should be checked after carrying out the next step, i.e. setting up streaming on the site you'll be streaming to (e.g. to YouTube or Facebook).



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5. Now you can set up the live stream from your camera in the [CamStreamer App](#). You can open its user interface in the upper panel of the CamOverlay App or directly in the camera's interface. Here you'll find a number of services with user-friendly settings.



Tip: Descriptions of the settings for the most commonly used services can be found here in our use cases: [YouTube integration](#) and [Facebook integration](#)



6. **And you're done! Enjoy your new live stream!**

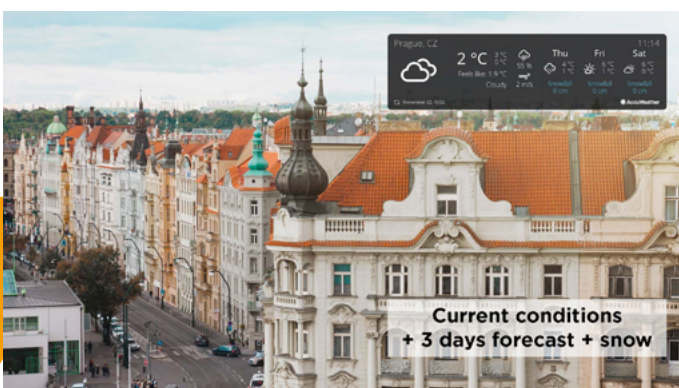
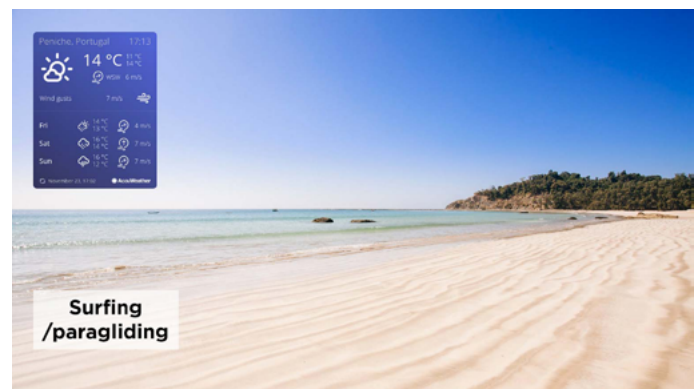
For inspiration, have a look at some of our examples [here](#).

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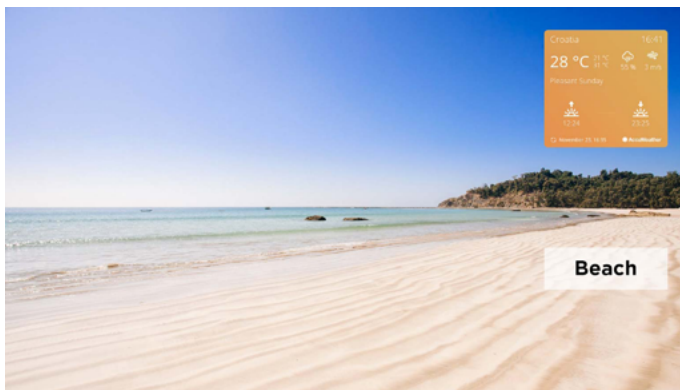
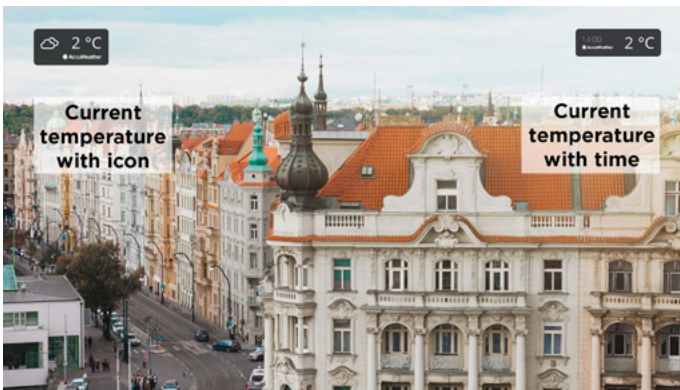
Samples of individual layouts and color:

Tip: Each layout can be in one of four colors – altogether, that's 44 widget variations! :-)



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Need help?
Contact us at
support@camstreamer.com

