

USE CASE - how to set up

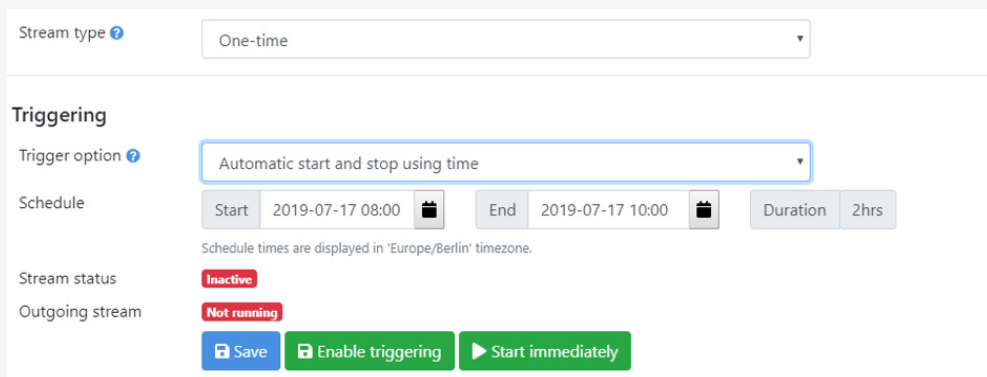
Scheduling and triggering

Scheduling and triggering are basic functions of CamStreamer App. Let's take a look at options which are available and how to set it up.

Automatic triggering with schedule

The CamStreamer App supports two types of scheduling:

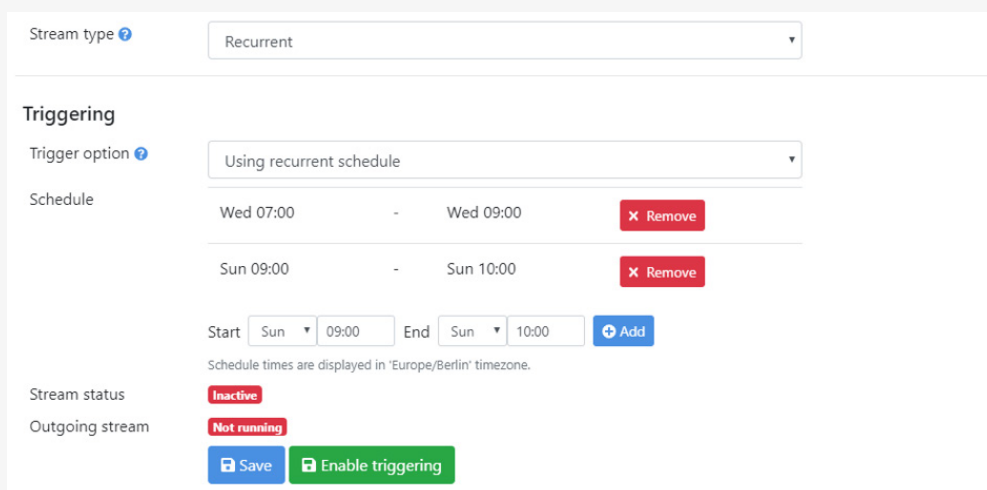
a) **One-time:** automatic start and stop for a particular day and hour in version 3.X



The screenshot shows the 'Stream type' dropdown set to 'One-time'. Under the 'Triggering' section, the 'Trigger option' dropdown is set to 'Automatic start and stop using time'. The 'Schedule' section shows a start time of '2019-07-17 08:00' and an end time of '2019-07-17 10:00', with a duration of '2hrs'. Below the schedule, it states 'Schedule times are displayed in 'Europe/Berlin' timezone.' The 'Stream status' is 'Inactive' and the 'Outgoing stream' is 'Not running'. At the bottom, there are three buttons: 'Save', 'Enable triggering', and 'Start immediately'.

Example: broadcasting starts at 8AM 17 July 2019 and ends at 10AM 17 July 2019

b) **Recurrent:** recurrent start and stop for any days in the week



The screenshot shows the 'Stream type' dropdown set to 'Recurrent'. Under the 'Triggering' section, the 'Trigger option' dropdown is set to 'Using recurrent schedule'. The 'Schedule' section shows two entries: 'Wed 07:00 - Wed 09:00' and 'Sun 09:00 - Sun 10:00', each with a 'Remove' button. Below the schedule, there is a form to add a new entry with 'Start' set to 'Sun 09:00' and 'End' set to 'Sun 10:00', and an 'Add' button. Below the form, it states 'Schedule times are displayed in 'Europe/Berlin' timezone.' The 'Stream status' is 'Inactive' and the 'Outgoing stream' is 'Not running'. At the bottom, there are two buttons: 'Save' and 'Enable triggering'.

Example: broadcasting runs each Wednesday from 7AM to 9AM and each Sunday from 9AM to 10AM

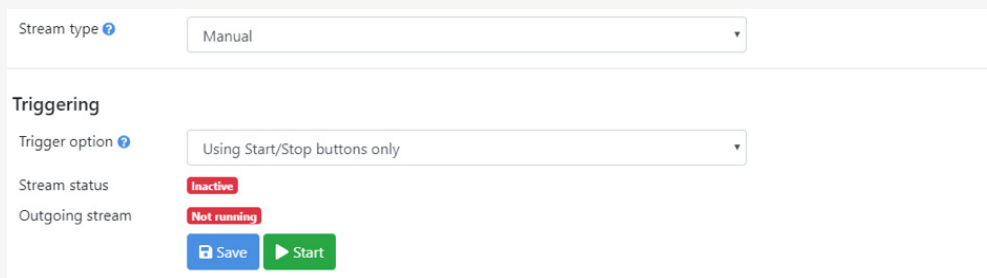
Scheduling is not available for these types of services: Facebook (will be available in August 2019), Periscope.tv
In order to schedule for a particular day, the camera must support CamStreamer App 3.X - compatibility checker [here](#).

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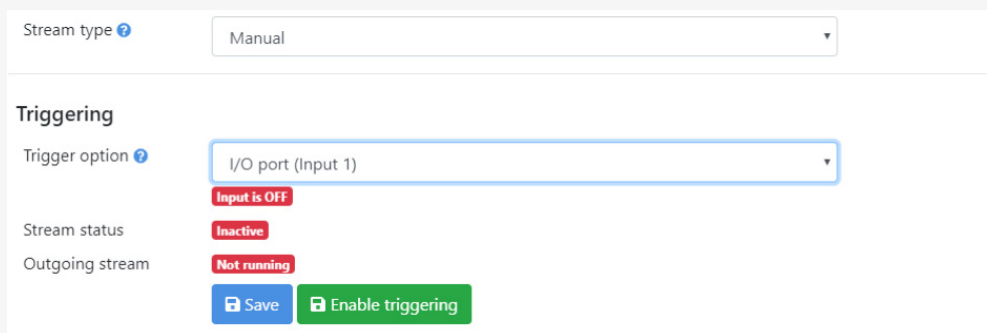
Manual triggering via user interface and external buttons

a) Manual via user interface - you can trigger the Start and Stop of the broadcasting via the buttons in the user interface in the CamStreamer App



The screenshot shows the 'Stream type' dropdown set to 'Manual'. Under the 'Triggering' section, the 'Trigger option' dropdown is set to 'Using Start/Stop buttons only'. The 'Stream status' is 'Inactive' and the 'Outgoing stream' is 'Not running'. There are two buttons at the bottom: a blue 'Save' button and a green 'Start' button.

b) Manual via digital inputs - start via digital input on your camera, which can be connected to various HW buttons



The screenshot shows the 'Stream type' dropdown set to 'Manual'. Under the 'Triggering' section, the 'Trigger option' dropdown is set to 'I/O port (Input 1)'. The 'Stream status' is 'Inactive' and the 'Outgoing stream' is 'Not running'. There are two buttons at the bottom: a blue 'Save' button and a green 'Enable triggering' button.



Example of I/O ports on the camera



Example of external button

To activate the selected type of triggering, you have to click the button "Enable triggering" which saves your actual preferences and activates automatic Start and Stop. If using digital inputs, the button will enable remote Start and Stop. When using manual triggering via the user interface, use the Start and Stop buttons only.

Please take into account that once you start the stream on your camera, it will automatically continue after unplugging/plugging in, restarting or when regaining connectivity. In the same manner, the camera will stream within the scheduled time if, for example, the camera regains connectivity in the middle of the set streaming time.

