

USE CASE - instructions

How to set up Custom Graphics in your stream

In the user interface, set up the widget, which includes fields with text and a custom background. Both texts and backgrounds can be changed over the course of your stream in two ways:

- a) Via **Control Room** directly in the CamOverlay App (can be used also on mobile devices)
- b) Via **API commands**. It is easy connection with external data.



Tip: The widget is ideal solution for things like sporting events (scoreboards) or for any display of external data directly in the video.



What do you need?

- An [AXIS camera](#) (check compatibility [here](#))
- The [The CamOverlay App](#)
- The [CamStreamer App](#) (you don't need this application for the widget, but it's excellent for setting up live broadcasts - see more at our official website: www.camstreamer.com/camstreamer-about)

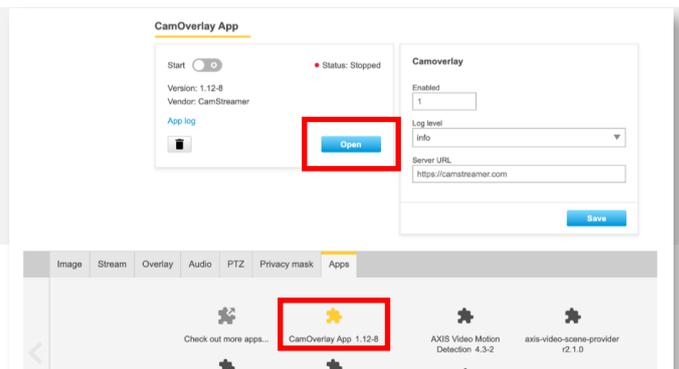
Steps for set-up:

1. Sign into the camera's web interface. In the **Apps tab**, install the **CamStreamer App** and **CamOverlay App** and buy a license for them at our official webpage www.camstreamer.com.

Tip: A free 30-day license can be acquired for both apps after installation or on the [camstreamer.com](http://www.camstreamer.com). This will allow you to try everything out before paying for the license.

2. Open the user interface of the **CamOverlay App** and continue to find the link in the AXIS camera interface. In the Apps tab near the application upper detail, click on the **Open button**.

For more info visit www.camstreamer.com



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3. In the CamOverlay App, select the **Custom Graphics** service.

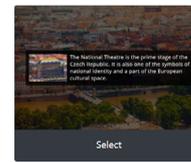


4. Select right **Video channel** where you want to insert your widget (or keep preselected one).



PTZ Compass

Embed a compass in your PTZ image that will show what cardinal direction your camera is pointing in at any given moment along with the sector in which the camera is streaming. You can select between a circular compass or a point on the map showing the angle and sector the camera is streaming. You can choose a map directly in the application, or upload a custom background and place the camera position over it.



PTZ Overlay

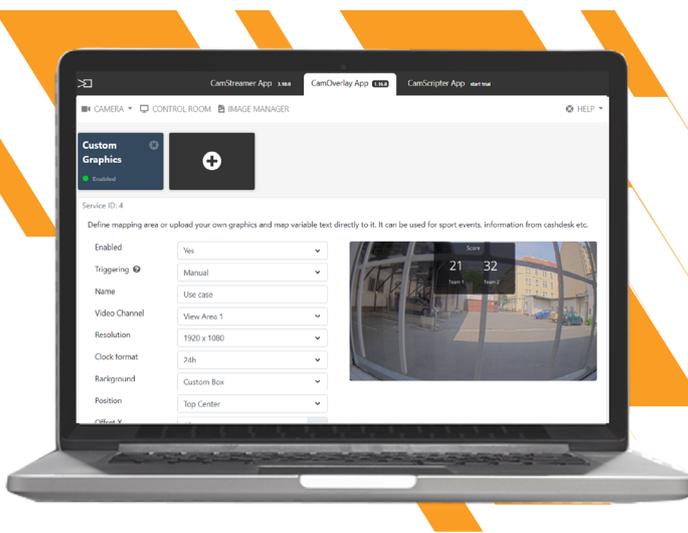
Add a new dimension to your PTZ guard tour. You can insert additional infographics or ads to each preset PTZ position with this service. Just select one or more images uploaded in the IP camera for PTZ position and set up their duration or positions there.



Custom Graphics

With this service, you have great control over the dynamic text displayed in the background graphics within your video stream. You simply define the background graphics (your image with transparency or monochrome rectangle) and the desired number and style of text fields (different fonts, sizes and colors) to be displayed within these background graphics.

Set up the whole widget section in the upper



Triggering

you have three options for launching this widget:

- a) Manual** - via a user interface of the app or via API
- b) Schedule** - set times when the overlay is shown
- c) Input** - connect an external button to your camera and show overlay by pressing the HW button



Example of I/O ports on camera



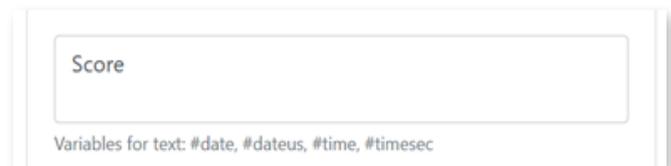
Example of external button

Resolution

select the video resolution that the widget will be displayed in which will be used for streaming

Clock format

set up the time format here that you want to use. You can use substitute symbols within the dynamic text



Image

selection of a custom image or background in which the text will appear. You can create any number of text fields and place them in the selected area

Tip: All images are handled via Image Manager. They are uploaded there and can then be selected and set up in the select box.

Background

use a background or image, or define a custom rectangle with a selected color and sharp or rounded corners

Position

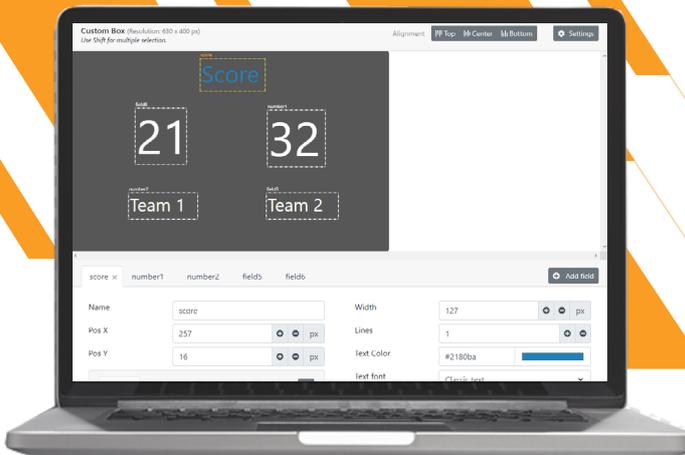
sets the position where the widget should be

Offset X/Y

sets the position of the image in pixels - you can set distance from edges of video image.

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In the lower section, you can set up text fields



Wrap text

used for wrapping long text

Lines

determines the number of lines in the text field

Add field

makes it possible to add any number of text fields

Name

select a name for the text field (unique identifier), which is used during API communication

Pos x/ Pos Y

sets the position of the text in the text field

Text color/font/size/align

set a color, type, size and alignment of the text

Text 1

for setting the names of individual text fields or entering representative symbols

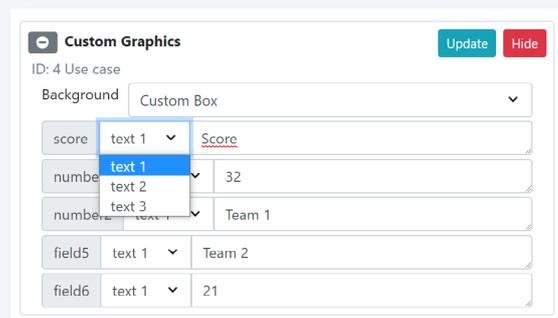
Switching time

can be used only when text wrapping is on - used to determine the time in which the section of text is displayed

Save all changes

press to save your graphics and you can verify in the live view of the camera's interface, if everything is running as you planned

Tip: Create more content variations and switch between them in the **Control Room**, where text can be quickly and easily changed.



Use Control room for direct and agile control of your graphics. Select already created service and control its appearance and change text fields immediately.

Tip: If you need to get data from an external system and display it in the graphics, the **CamScripter App** will help solve this task for you. This service is an interesting solution for situations such as data from results boards or for entering data from heat sensors and internal or industrial systems. Explore our website for more information about this product!

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Need help?

Contact us at
support@camstreamer.com

