

CamOverlay App



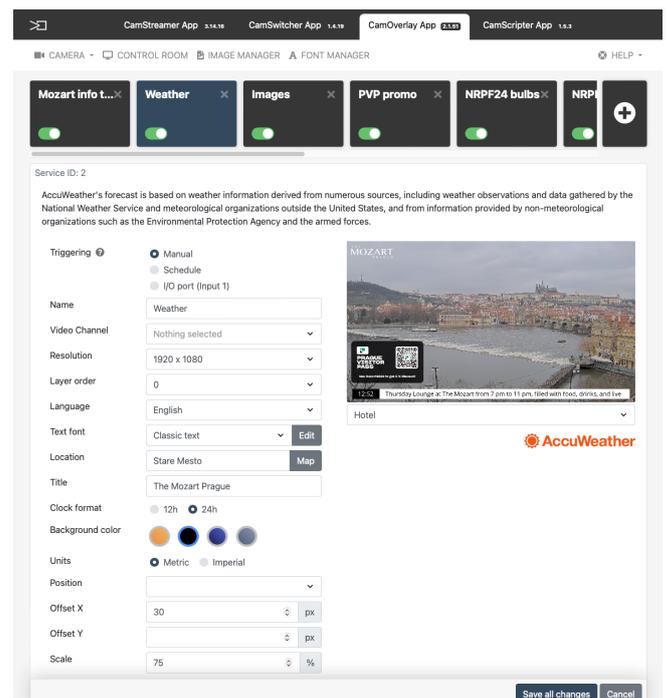
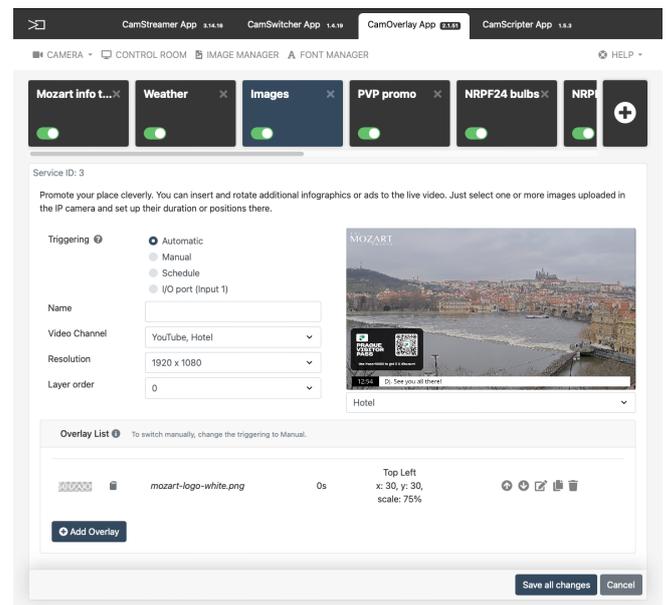
CamOverlay App is an smart application that enables dynamic and graphic overlays directly on an Axis IP camera. Setup is easy, and preset options and custom graphics services are available. CamOverlay App is an app running inside an Axis network camera. It lets you add weather info, sports results, or your dynamic and custom graphic overlay (.JPG, .PNG, .GIF) to your live stream.

General

Application type	In-camera ACAP app, uploaded into the camera via web browser (Axis camera interface or API) on local camera IP address
Camera compatibility	All cameras with ARTPEC 6/7/8 chipset, compatibility checker on https://camstreamer.com/download-app
Free trial	30 days
License	One-time payment, or Cloud monthly payment
Licensing	Via user interface (internet needed) or via API
API	Yes, see details on https://camstreamer.com/api
Input channels	Support all camera channels and view areas, each widget can be an asset to a specific video channel or more channels
Graphic triggering	Manually via the user interface, automatic (scheduling), via an external button connected to the camera, or via API
Fonts support	Multiple support of fonts in TTF format
Configuration export	Available during 2Q-2024

User interface

Language	English
Access to application	Via the web (on camera IP) or remotely via CamStreamer Cloud and Control Panel in CamStreamer Cloud Mobile App



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Graphics widgets

WEATHER

Data sourced from AccuWeather servers

14 different weather widgets

Weather information and forecast based on location

Units: metric, imperial

Data: temperature, three days forecast, humidity, wind speed, rainfall, snowfall, sunrise, sunset, moonrise, moonset

Weather languages: English, French, Japanese (with custom font), Portuguese, Spanish, German, Korean (with custom font), Traditional Chinese (with custom font), Simplified Chinese (with custom font), Dutch, Czech, Russian, Swedish

INFO TICKER

Text stripe with static or running text

Optional current time

Support of placeholders for date, time, temperature, sunrise, sunset, weather info

Text input - manual, controlled by Control Panel (web browser or mobile app via Cloud) or remote TXT file on HTTP address

IMAGES

Formats: JPG, PNG, BMP, GIF

Sources: internal memory, SD card, external URL, Microsoft Network Share

Playback: one static image or more images in the loop

Supports transparency in PNG format

Supports animated GIFs

PTZ COMPASS

Visualization of camera direction and zoom level

Graphics: compass, point on Google Maps, the point on the uploaded image

Select service

Make your own design as you want. Insert your own ads, additional information or any picture to the live stream. Just choose a picture, select its position and set the refresh frequency.

- Weather (AccuWeather)**: 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.
- Info Ticker**: Would you like to share up-to-date information in your camera's stream? With the Info Ticker service, you can choose and display text just like in a television broadcast. You can insert variables into the text such as time, current temperature, or sunrise times in your location. The text can be created manually, read from URL address, or changed via API.
- Show Images**: Promote your place cleverly. You can insert and rotate additional infographics or ads to the live video. Just select one or more images uploaded in the IP camera and set up their duration or positions there. You can also specify an HTTP link to a jpg or png image. CamOverlay can refresh the image in a specified period.
- 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 great 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.
- Picture In Picture**: Insert the picture from another camera on the same network into your live stream. A fast solution for sport broadcasting, where the current scene on the score board can be inserted into the live stream. Or, for example, you can add technical information to a stream of your machine in the factory hall. This service only works when connected via HTTPS. For HTTPS use e.g. our service cloud.camstreamer.com or contact us at support@camstreamer.com
- Screen Sharing**: Share your screen, application window, or browser tab as a PiP in the video feed. Great for schools, webinars, presentations, churches, live events, and anyone who wants to present anything from their computer.

CONTROL ROOM

Control room

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

- Mozart info ticker (ID: 1) [Update] [Hide]
- Weather (ID: 2) [Hide]
- Images (ID: 3)
 - mozart-logo-white.png [Hide]
- PVP promo (ID: 4)
 - PVP-PROMO_resized.png [Hide]
- NRPF24 bulbs (ID: 5)
 - lights-all.png, lights-cold.png, lights-warm.png
- NRPF24 weather (ID: 6) [Hide]
- NRPF24 Hrad (ID: 7)
 - hrad0.png, hrad1.png, hrad2.png, hrad3.png, hrad4.png, hrad5.png, hrad6.png, hrad7.png, hrad8.png, hrad9.png, hrad10.png, hrad11.png, hrad12.png, hrad13.png, hrad14.png, hrad15.png, hrad16.png, hrad17.png, hrad18.png, hrad19.png, hrad20.png, hrad21.png, hrad22.png, hrad23.png, hrad24.png, hrad25.png, hrad26.png, hrad27.png, hrad28.png, hrad29.png, hrad30.png, hrad31.png, hrad32.png, hrad33.png, hrad34.png, hrad35.png, hrad36.png, hrad37.png, hrad38.png, hrad39.png, hrad40.png, hrad41.png, hrad42.png, hrad43.png, hrad44.png, hrad45.png, hrad46.png, hrad47.png, hrad48.png, hrad49.png, hrad50.png, hrad51.png, hrad52.png, hrad53.png, hrad54.png, hrad55.png, hrad56.png, hrad57.png, hrad58.png, hrad59.png, hrad60.png, hrad61.png, hrad62.png, hrad63.png, hrad64.png, hrad65.png, hrad66.png, hrad67.png, hrad68.png, hrad69.png, hrad70.png, hrad71.png, hrad72.png, hrad73.png, hrad74.png, hrad75.png, hrad76.png, hrad77.png, hrad78.png, hrad79.png, hrad80.png, hrad81.png, hrad82.png, hrad83.png, hrad84.png, hrad85.png, hrad86.png, hrad87.png, hrad88.png, hrad89.png, hrad90.png, hrad91.png, hrad92.png, hrad93.png, hrad94.png, hrad95.png, hrad96.png, hrad97.png, hrad98.png, hrad99.png, hrad100.png

Hotel | 1920x1080

PTZ positions: Home

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PTZ OVERLAY
 Graphics shown based on reaching set camera PTZ position
 Supports image loop for each PTZ position
 Support animated GIFs

CUSTOM GRAPHICS
 Fully customizable graphics with predefined or custom backgrounds. The widget supports adding multiple fields for text or time countdown.
 Text formatting: size, color, alignment, and wrapping

Option for text switching - it displays text in parts if it is longer than the length of the set field
 Text input - manual, controlled by Control Panel (web browser or mobile app via Cloud), or via API

PICTURE IN PICTURE
 Displaying of different camera views in the picture.
 It supports images from Axis cameras (by entering the camera user and password) or from different sources via an HTTP link to the MJPEG stream.

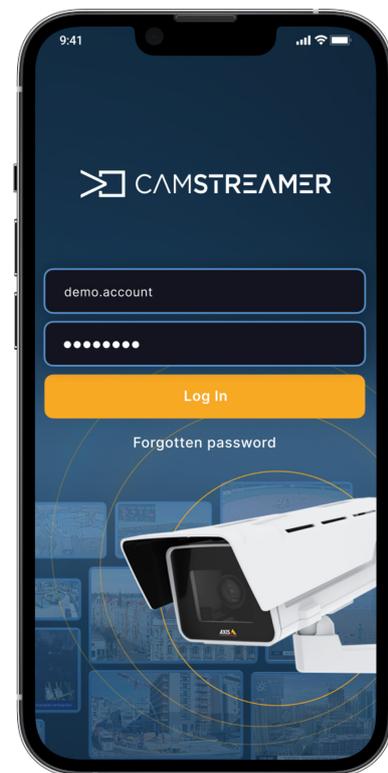
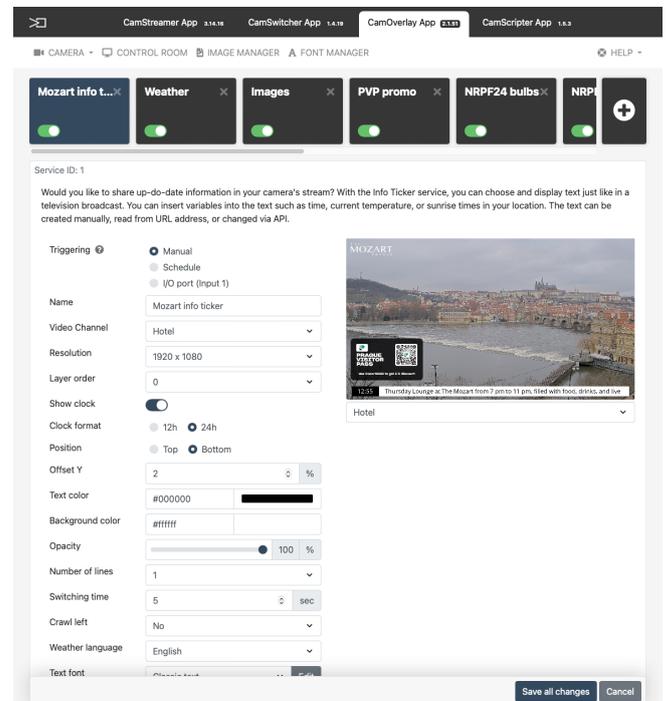
Images can be cropped, scaled, or dewarped (convenient for adding score table captured from a side angle)

WEB CAMERA
 Share computer/mobile web camera to AXIS camera view via web browser like with web meeting applications.

SCREEN SHARING
 Sharing desktop to AXIS camera view via web browser in the same way as with web meeting applications.

Mobile app - Control Panel

CamStreamer Mobile App Available at App Store (iOS) and Google Play (Android)
 Control Panel Control of basic functions of CamOverlay App via mobile app



CamOverlay App



Control Panel Features	See a listing of all created overlays
	Turn an overlay on/off
	Edit infoticker/overlay text content

Available only in combination with any CamStreamer Cloud service (Remote Access, Recording or TimeLapse)

<https://camstreamer.com/camoverlay-about>

