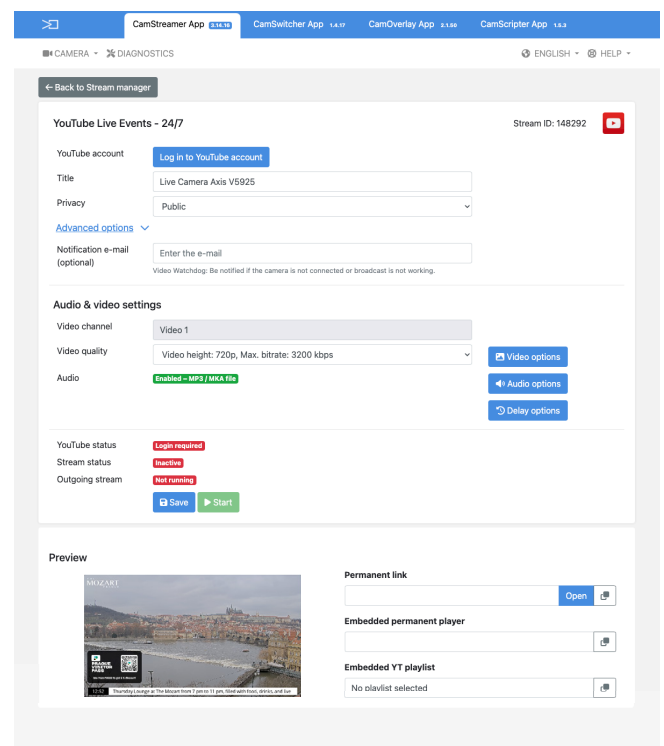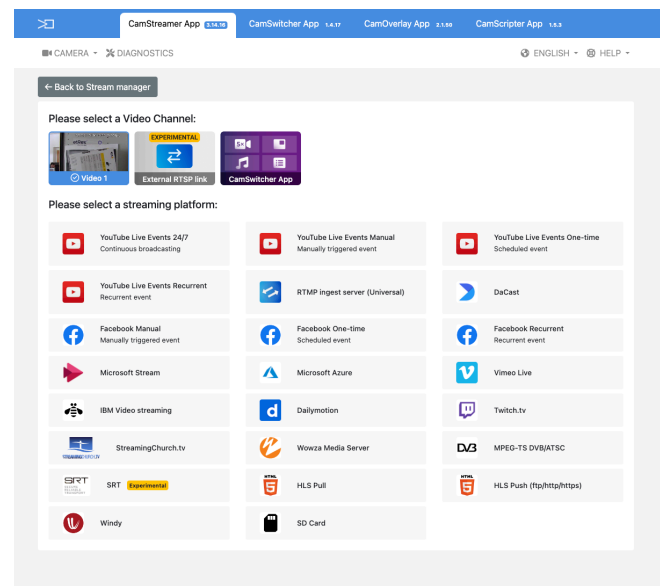# CamStreamer App

CamStreamer App is a smart application for streaming live video directly to YouTube, Facebook, and many other platforms. With the CamStreamer App installed, Axis IP cameras don't require additional equipment to push the video feed. With the help of the Axis IP camera's computing power, the CamStreamer App sends a live video feed from the camera directly to a streaming platform of your choice. No public IP address or complex configuration is required.

General

Application type	In-camera ACAP app, uploaded into the camera via web browser (Axis camera interface) on local camera IP address, can be loaded via AXIS API to the camera as well
Camera compatibility	All cameras, some functions available only for new ARTPEC (6/7/8) and new AMBARELLA processors, 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
Audio	Camera microphone, RTSP audio from different Axis devices, MP3/ MKA file
API	Yes – for starting/stopping/creating streams, see details on https://camstreamer.com/api
Input channels	Support of all camera channels, view areas and CamSwitcher App (CamStreamer app for streaming from multiple cameras and video clips in one output stream)
Stream triggering	Manually via the user interface, automatic (scheduling), via an external button connected to the camera, or via API

User interface

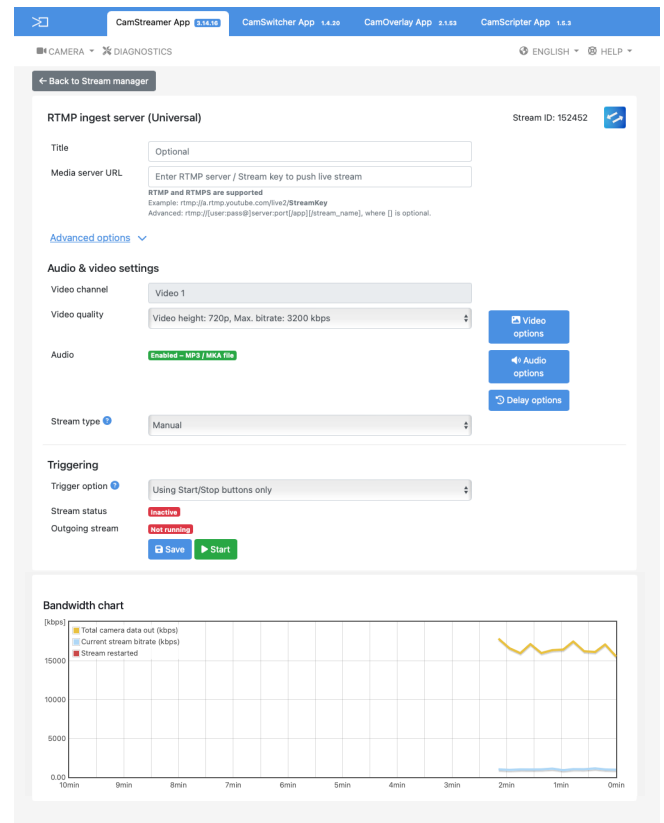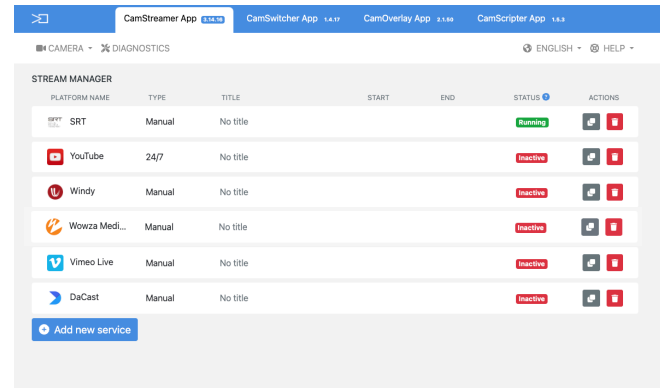|	
Language	English, French, Japanese, Portuguese, Spanish, German, Korean, Chinese
Access to application	Via the web (on camera IP) or remotely via CamStreamer Cloud and Control Panel in CamStreamer Cloud Mobile App

CamStreamer App

Streaming functions

DEEPLY INTEGRATED PLATFORMS

YouTube	Authorization via Google account
	24/7 streaming with health monitoring and stream keeper (preventing the stream from closing on the YT side when the camera is temporarily offline)
	Offline picture and video (used by stream keeper)
	Stream scheduling with a one-day occurrence or weekly schedule
	Displaying planned streamings with countdowns
	Variables in stream name for day, hour and order
	Editable description
	Editable preview picture
	Listing to playlists
	Editable Latency
	DVR activation/deactivation
	Set up Audio sources
	Enable stream delay
	Indication via LED
	Changing YT status after the end of the stream (public, unlisted, private)
	Permanent link and player, which always direct the user to the actual YT URL
Facebook	Authorization via Facebook account
	Manually controlled streaming, scheduling with one-day occurrence or weekly schedule
	Streaming to pages or timelines
	Variables in stream name for day, hour and order
	Editable description
	Editable preview picture
	Indication via LED
	Deleting the stream after its end
	Permanent link and player, which always direct the user to the actual URL

CamStreamer App

Platforms with RTMP streaming	DaCast, Microsoft Stream, Microsoft Azure, Vimeo Live, IBM Video streaming, Dailymotion, Twitch.tv, StreamingChurch.tv, Wowza

SUPPORTED PROTOCOLS

RTMP ingest (push)	Streaming via RTMP/RTMPS
SRT	Modes: push/pull/rendezvous, option for custom SRT parameters
HLS Pull	
HLS Push (ftp/http/https)	
MPEG-TS DVB/ATSC	

OTHER

Windy	Sending images in regular intervals to Windy servers

Mobile app – Control Panel

CamStreamer Mobile App	Available at App Store (iOS) and Google Play (Android)
Control Panel	Control of basic functions of CamStreamer App via mobile app
Control Panel Features	See a listing of all live streams
	Watch a preview of a live stream
	Turn a live stream on/off or pause it
	Switch to the app's UI in the camera (mobile web browser needed)

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

https://camstreamer.com/camstreamer-about