

CAMSTREAMER



CamStreamer SOLUTIONS CATALOG

JUNE 2024

Dive into our comprehensive guide featuring CamStreamer applications and cloud services in combination with Axis cameras.

This catalog offers a structured overview of our products, with direct links to PDF datasheets and a selection of case studies and success stories highlighting our expertise in live-streaming solutions and specific integrations. Learn how CamStreamer can amplify your technological capabilities through detailed insights and examples.

CamStreamer Solutions Catalog

PRODUCTS

INTEGRATIONS

LIVE-STREAMING

CamStreamer App



-  [PDF Datasheet](#)
-  [Website link](#)
-  [Video](#)

In-camera app streams live video directly from Axis camera to YouTube, Facebook, Wowza, Vimeo and other streaming platforms & protocols. Easy setup via any browser; no additional HW is needed.

CamOverlay App



-  [PDF Datasheet](#)
-  [Website link](#)
-  [Video](#)

Add static and dynamic overlay graphics in video directly in your Axis IP camera. Setup is easy. You can choose from various graphic overlay services.

CamSwitcher App



-  [PDF Datasheet](#)
-  [Website link](#)
-  [Video](#)

Upgrade your Axis IP camera into a simple A/V mixing studio. The app allows switching among connected cameras or prerecorded videos from SD card. The app supports automatic motion tracking and live commentary.

CamScripter App



-  [PDF Datasheet](#)
-  [Website link](#)
-  [Video](#)

Enhance an Axis camera to run micro apps directly on board and integrate data from external data source into live views. Dozens of ready-made scripts are available for free.

CamStreamer Cloud Remote Access



-  [PDF Datasheet](#)
-  [Website link](#)
-  [Video](#)

Enter the world of the CamStreamer Cloud and get remote access to all your cameras at the one place

CamStreamer Cloud Recording



-  [PDF Datasheet](#)
-  [Website link](#)
-  [Video](#)

Access and manage 30-day recordings in Full HD / 30 FPS in the CamStreamer Cloud. Search & download any time range.

CamStreamer Cloud TimeLapse



-  [PDF Datasheet](#)
-  [Website link](#)
-  [Video](#)

Create stunning unlimited time-lapses using your camera's maximum resolution up to 4K.

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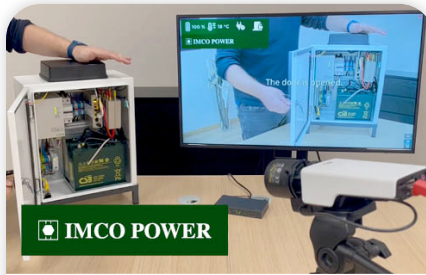
LIVE-STREAMING



CamStreamer Video CheckPoint – Photo confirmation of barcode scanning & upload to the SharePoint and other spaces




Explore our Video CheckPoint surveillance for warehouses, retail, e-commerce operators, and shipping companies.

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-  [Video](#)



Integrating SNMP/HTTP-Compatible Power Supplies with Axis Network Camera using CamStreamer apps




Integration of IMCO Power LS110 with Axis Network Cameras, using CamStreamer Apps, revolutionizes remote power supply monitoring by combining real-time data visualization and advanced event management.

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-  [Video](#)



Integration of USB Barcode/QR Reader via Axis D3110 and Axis Network Camera

Showing Barcode or QR data into a video feed from Axis camera. Data are fetched from USB Barcode/QR Reader connected via AXIS D3110 and shown in video as well as sent into AXIS Camera Station.

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-  [Website link](#)
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Integrating Mettler Toledo IP Electronic Scale with Axis Network Camera using AXIS D3110 and CamStreamer apps

Showing scale data into a video feed from Axis camera. Data are fetched from IP Scale Mettler Toledo and shown in video as well as sent into AXIS Camera Station.

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USB thermometer data in video & events triggering to VMS using AXIS D3110 Connectivity Hub



Displaying real-time temperature data in an Axis camera's video feed, this integration harnesses a USB temperature sensor, feeds live readings into the video as an overlay graphic, and seamlessly communicates event-triggered information to the AXIS Camera Station or other VMS.

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Displaying electronic scale data in video in real time and triggering events to various VMS

Fetch scale data via Lantronix, display it in a video feed, and create a bookmark in any VMS (Milestone XProtect, AXIS Camera Station, etc.).

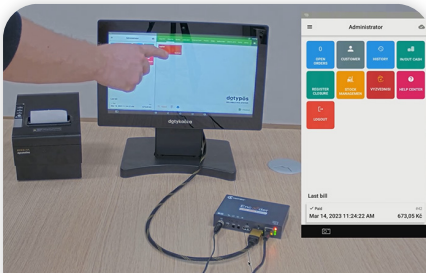
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POS screen in the video – Monitor what’s happening at the checkout using the Kiloview encoder




With the CamOverlay App on board, the Axis camera, and the cash register connected via Kiloview encoder, You can see real-time POS screen data displayed in the camera’s live video feed.

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POS screen in the video – Monitor what’s happening at the checkout using ShareX and CamOverlay App

With the CamOverlay App on board the Axis camera and ShareX installed on the cashier PC, real-time POS screen data is displayed in the camera’s live video feed.

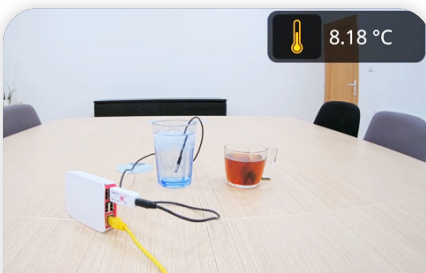
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Papago weather station integration displaying weather widget

Showing weather data into a video feed from an Axis camera. Data are fetched from local weather stations manufactured by Papago.

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Thermometer sensor integration via RPi displays temperature changes directly in a video feed

Showing temperature data into a video feed from the Axis camera. Data are fetched from a USB temperature sensor send via Raspberry Pi into a camera and shown in the video.

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-  [Website link](#)
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CamScripter App for Raspberry Pi – integration usable for fetching data from many measurement devices

Raspberry Pi integration with Axis camera allows you to connect measuring devices and fetch their data into your video feed.

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-  [Website link](#)



Flowmeter integration Showing volume data (of bier keg) into a video feed from the Axis camera

Showing volume data into a video feed from the Axis camera. Data are fetched from a Flowmeter sensor and send via Raspberry Pi into a camera and shown in the video.

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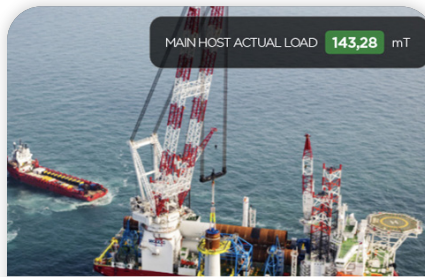


Wall thermometer integration showing data fetched from a plugged temperature sensor

We developed a simple integration to visualize measurements of human body temperature by plugging a wall thermometer into a Raspberry Pi and connecting it to an AXIS camera via network.

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INTEGRATIONS

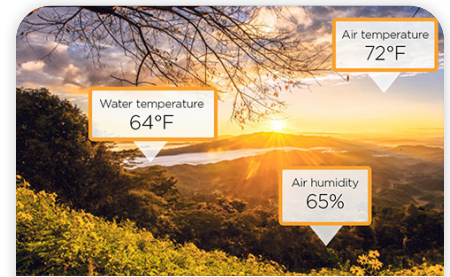


Offshore Cranes – Main hoist load visualization in the real-time video feed for immediate monitoring

Showing main hoist load data into a video feed from Axis camera. Data are fetched from crane sensor and shown in video.

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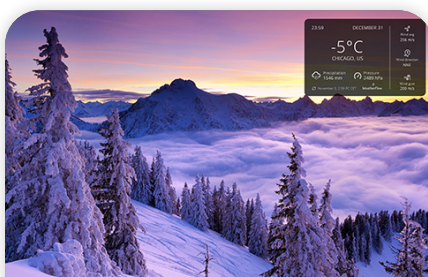
LIVE-STREAMING



CamScripter App Integration with CHESTER IoT Hub Shows Data in a Live Stream

Showing temperature and humidity data into a video feed from Axis camera. Data are fetched from temperature sensors, sent via CHESTER IoT Hub and displayed in video.

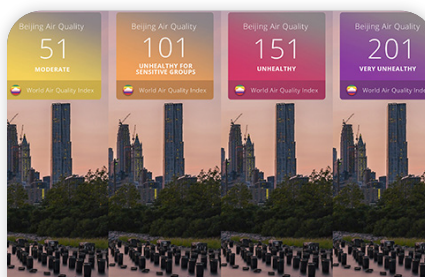
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How to set-up integration of WeatherFlow meteo station with CamScripter App

How can local weather information be depicted in a live stream? Thanks to the CamScripter App, we're able to embed precise data into a live stream from any place.

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-  [Website link](#)



Information on Air Quality Directly in the Live Stream Thanks to the CamScripter App



Showing widget with Air quality data into a video feed from Axis camera. Data are sent from World Quality Index and shown directly in video.

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SRT Integration Test using KILOVIEW D300 Decoder

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Integration with AXIS A1001 Network Door Controller

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License Plates Integration – reading and verifying license plate numbers and displaying them in live video

-  [Website link](#)

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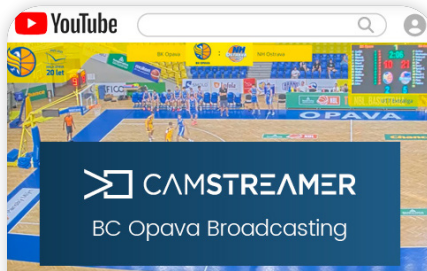
LIVE-STREAMING



Czech Powerchair Hockey League Livestreams Playoff via CamStreamer Apps

AXIS P1448-LE with 4K resolution and two view areas set up as PTZ positions (center view and overview) served as the main camera at the center of the court. Two additional AXIS P1455-LE cameras with 1080p resolution were placed on the basketball hoops on both sides of the court.

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BC Opava - Broadcasting from Only One Camera Using CamStreamer Apps and Dewarping Function

The result is a fully automated feed that displays scores from the scoreboard, attractive graphics, and dynamic shots switching based on the play on the field.

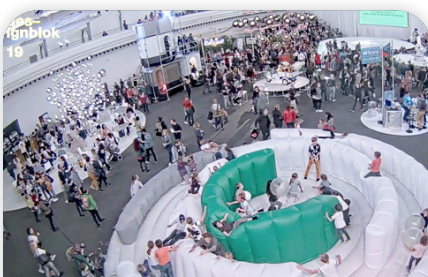
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Basketball Team Nymburk Revolutionizes Game Livestreams Using Motion Tracker and CamSwitcher App

Graphic overlays, scoreboard and motion tracking set up – the app switches camera view areas based on the movement of the game, all while using the in-camera microphone, making the streaming fully automatized.

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Live stream from Prague International Design Festival 2019

The CamStreamer App broadcast two live streams simultaneously. One went directly to the Facebook streaming platform, while the other stream was sent in HDMI format via a video decoder to the production team's mixing console and to a large screen on the show's main stage.

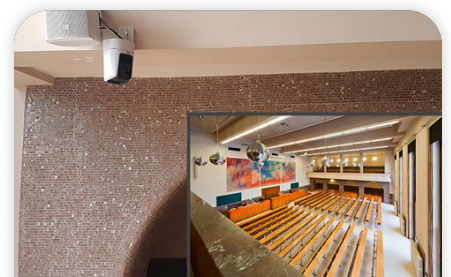
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Niigata Utilizes CamOverlay App and PIP to Enhance Weather Camera Livestream

The chosen solution was based on the CamStreamer App and CamOverlay App installed on an outdoor-ready AXIS P1448-LE camera with 4K resolution. CamStreamer App runs fully inside the camera and allows for 24/7 livestreaming in the camera's highest resolution with custom music directly to YouTube.

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Charles University, Prague - network cameras bring lectures to students at home

One of the oldest universities in Europe wanted to become more modern and accessible and wished to make lectures available to students at home, allowing them to review the lecture they missed due to illness for example.

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Live Prague camera with preset graphics overlays




For this project, our camera of choice was the AXIS Q6075-E IP camera with PTZ function (pan-tilt-zoom) which allows you to show an image from multiple angles. The result is an attractive and dynamic video stream.

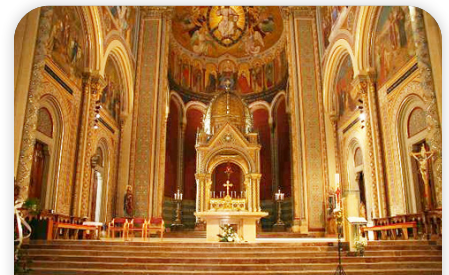
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Squash Tournament: Eredivisie individueel 2021

The main camera is an AXIS Q3517-LV mounted high up the ceiling. The side camera is an AXIS M1137 with CamOverlay App and CamScripter App on board to show the scoreboards and logos of sponsors. It's possible to use audio from the sound mixer instead of M1137's internal microphone, even when the camera is on.

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Holy Spirit Catholic Church enhances tailor-made live stream solution


Two AXIS V5915 PTZ network cameras (one in the church and one in the chapel) provide images in HDTV resolution with SDI and HDMI output, 30x optical zoom, and clear high-quality audio with XLR inputs.

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The camera, graphics, and audio are fully handled by one person, allowing people to enjoy a concert by the Zemlinsky Quartet via a simple live stream




This solution is excellent not only for artists but for all concert halls or cultural institutions.

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Foothills Birds uses CamStreamer App to stream feeding places with many species of birds

The solution further includes an AXIS T8351 Mk II Microphone for the better recording of bird sounds and the CamOverlay App for showing the weather in both Celsius and Fahrenheit and added overlay graphics for their birdseed sponsorship.

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The CamStreamer App helps improve communication and safety in crisis situations thanks to a solution

In the rear hatch of the incident command vehicles, an AXIS P12 (P12 MkII, P12M20) is installed together with the CamStreamer App. Other cameras can be placed on the windshield, dashboard, or roof of the vehicle, streaming video from it throughout the entire incident.

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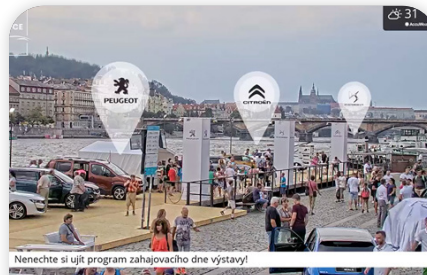
LIVE-STREAMING



Baseball broadcasts made easy: picture-in-picture solution, almost plug-and-play level of simplicity




Baseball broadcasts of the Eagles Prague matches are now performed using two Axis IP cameras with installed CamStreamer App and CamOverlay App.

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Cars on Naplavka open-air show streamed via CamStreamer apps


The main camera was a pan-tilt-zoom camera located on the stage overlooking the venue. The camera chosen for this task was the AXIS P5655-E PTZ Network Camera. This new addition to the Axis portfolio offers HDTV 1080p resolution with a 32x optical zoom and Lighfinder 2.0, an advanced technology for low-light images.

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The Melbourne Zoo is using QR codes in their live stream, forward people from videos of sleeping animals to other content

Four AXIS P3225-LV Mk II Network Cameras that have been installed in the Melbourne Zoo in animal enclosures provide an image with HDTV 1080p resolution.

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Toya - quality video streaming of traffic for TV service




Accurate camera optics and video dynamic range enable effective monitoring of the traffic, while the entire system is based on the CamStreamer App. The camera system is cost effective and relatively easy to install and manage.

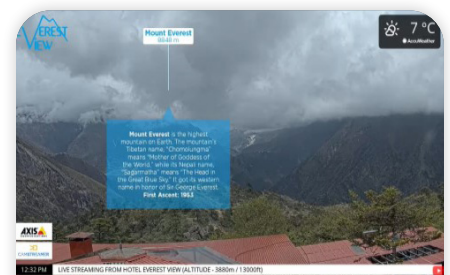
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Live city camera in Venice, Italy


Live transmission is the Palazzo Bembo presentation with a view from the hotel room to Grand Canal. In this attractive way, they are attempting to attract new guests to their hotel, showing the beauty of Venice.

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Using CamStreamer Cloud and Panomax for the Promotion of Hotel Everest View

One of the biggest advantages of Nepal's Hotel Everest View is its location: situated within the Sagarmatha National Park at 13 000 ft (3 880 m) above sea level, the hotel offers a breath-taking view of the Himalayas.

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Rescue station for animals in Makov

The Axis P1365-E Mark II IP camera and objective TEIA 9-40mm has been selected for the project of the animal rescue station live monitoring as the best choice due to its discreet design and image stability. We are able to transmit in HD 1080p resolution and at a high bit rate of 5Mbps.

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Moving lubricating tram broadcasting live video from the streets of Prague

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Holy Spirit Catholic Church enhances tailor-made live stream solution




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Biggest Czech music TV channel streamed live via CamStreamer App

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Rescued koalas in Brisbane streamed live via CamStreamer App

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Bird feeder live stream at its best with Birdwatching HQ

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Eagles.org – streaming the living symbol of American freedom

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Avonhurst Church Enters the Digital Age Using CamStreamer Apps




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Breckenridge local businesses run three live cameras to promote the small mountain town for skiing, outdoor activities and the beauty of the area

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LIVE-STREAMING

How loon nest cams can help a good cause

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FalconCam – streaming a family of peregrine falcons

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The art of creation streamed live during Festival des Bordes de Vire

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Schools in Říčany are using streaming solutions for distance teaching

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Dutch Junior Open 2019 – live streaming of the world-famous squash tournament

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Making assistance a lifestyle

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9th annual Andreea Raducan Gymnastics Cup streamed live with overlay graphics

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The National Artistic Gymnastics Championship in Romania broadcast live

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-  [Website link](#)

Simple and fully automated solution for streaming sports events with live score & hardware button

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INTEGRATIONS




Streaming and timelapse video from Future Port Prague - exhibition of modern technologies

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Live surfing camera at the beach in Petten, Netherlands

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Traditional baseball & softball tournament live for the 1st time

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Using the CamStreamer App to Livestream to YouTube and Hotel TV




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LIVE-STREAMING

Karma Yoga studio provides people with streaming services so they can exercise from their own home

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International folklore festival MYJAVA

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Live streaming from the „Under Armour“ baseball courts

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Prague City Tourism: CamStreamer and Panomax Brings Tourists to Prague

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-  [Website link](#)



CUSTOM DEVELOPMENT



Our developers can integrate almost any device and data source. Contact us and we will create a tailor-made solution best suited to your needs and requirements.

sales@camstreamer.com