HOW TO GUIDE

Problems / Resolutions are noted at the end of this document.

Watch

When you click "WATCH", or click the Search Icon, every PUBLIC stream on the system will be presented to you in panels, normally 5 across the page <u>on a laptop</u>. If you do not see 5 panels across the page, you may need to adjust your computer screen resolution. You may also see PRIVATE streams where you have been included by the stream owner. You will see a "**P**" in the bottom left corner of the panel.
You may also have been included in a "Registered Campaign". In this case you will see "**R**" in the bottom left corner of the panel.

The default order that streams are presented is - "Most Recent".

There are a number of stream types.
If you choose Most Recent by Type
  LIVE streams from mobile devices will appear first
  Followed by:
  Scheduled streams from a mobile device
  Events
  Streams from webcams
  Streams from Ipcams linked to this site.

The panels presented to you can be filtered using the dropdown menus, so maybe filter some "LIVE" events for "Sports", "TV" or "Music".
By entering specific text in the SEARCH box, you can further filter your results.

GO LIVE

<u>Set up – Login or Register</u>

You need to have registered with STREEMIN, and be logged in to create channels and then take them LIVE.

Click "LOG IN" and log in with your registered e-mail address and password.

If you are not yet registered, click "Create an Account".
Enter your unique e-mail address and the "Display Name" you wish your audience to see.
Choose a strong password, repeat the entry of the password and click Register.
Adding your "Gender" and "Year of Birth" is optional but some streams may not appear for you, if these details are not logged on the system.

We will send you a Verification e-mail which should arrive within a few minutes.
Once your details have been Verified, you are on the system, part of the STREEMIN community and ready to GO LIVE.

Within the STREEMIN app you can also set up a "Broadcaster Name" which some users like to use as an alias.

Set up - Channels

There are five different types of stream that can be set up from the website.

Stream from your personal Webcam.

Connect an Ipcam URL to the STREEMIN network.

Connect a stream from an Event to the STREEMIN network

Connect a LIVE stream from a TV channel to the STREEMIN network

Stream from an external device, such as a drone.

Click "Create new channel" from the Dashboard.

You will, by default, have a "Mobile" channel set up, for use with the app.

By default the maximum number of channels is set to 5.

Users can contact us to request more channels.

Choose a Channel name.

You will be prompted if this Channel Name already exists.

Duplicate Channel Names are quite acceptable as long as they do not compromise another user or the Terms of Service.

Choose a Channel Type from the list..

For a Webcam channel, you will need an inbuilt or external web camera.

For the other channel type, you will need a valid URL.

Enter full details for your channel, and choose one or two categories.

For Webcam channels, you do not need to upload a snapshot as the system will automatically take one just as the channel goes LIVE.

If you do upload a "Snapshot" for your channel, you will be given the option to use this snapshot when you take your channel LIVE.

For other channels, you need to have a Snapshot loaded prior to taking the channel LIVE.

Upload a Channel Icon for your channel. This could be the company logo relating to the Sponsor Name.

IMPORTANT NOTE – You must ensure that the pictures you upload for your channel snapshot and your channel icon DO NOT contravene our Terms or any Copyright.

NOTE – Once your channel is LIVE, changing any channel details will NOT immediately change the details in your panel. You will need to stop your stream and restart it for any changes to take affect.

If you enter Sponsor details, these will display in your "panel".

If a user clicks the "Sponsor name" or the "Channel Icon" within your panel, the Sponsor website will be loaded.

Click the TEST button and ensure the entered website address is correct.

For Ipcam and TV channels, a valid URL must be supplied. You can test this by clicking the TEST button.

Event channels do not need a valid URL when set-up or taken to the scheduled stage. They MUST have a valid URL before they go LIVE.

As well as your own Ipcam streams, there are many LIVE streams on the web which you may wish to link to the STREEMIN hub.

You must ensure you are NOT contravening anything noted in our Terms of Service and there are further points which you MUST accept, prior to taking the Ipcam stream LIVE.

Finding Ipcam streams

Find a LIVE ipcam stream on the web. The stream MUST be LIVE and NOT a video.
Many streams are private and can only be viewed on specific websites.
Right click the LIVE streaming video you have found.

You are looking for the embedded code which may look like this:
    <iframe width="854" height="480"
    src="https://www.awebsite.com/embed/ABCDE12345" frameborder="0"
    allowfullscreen></iframe>

Once found, paste this text into a document and strip out the relevant URL like this:
    https://www.awebsite.com/embed/ABCDE12345

You might also find that you can click – "Copy Image Address"
Put this URL into your channel details and click TEST.
You MUST ensure that the URL works.

The URL must NOT point to a LIVE stream running *within* a website.

You can add **Security** to your channel.

By default your channel is viewable by everyone. "**All Viewers**"
You can choose to make your channel "**Private**", which will exclude your stream on ANY search, and the stream URL will be presented to you to copy, when you take the stream LIVE.
You can set your channel to "**Selected Viewers**". Your channel will then ONLY appear in the listing for the specific users you have chosen.

Corporate Users can request to set up channels where registration is required. Once the user's request has been accepted a fourth option will appear "**Selected Viewers**"

Make you channel "**Password Protected**" so a user MUST enter the correct password to view your channel.
Password protected channels display a Padlock icon in the panel.

GO LIVE

You MUST be logged in.
Take your channel LIVE by clicking "**GO LIVE**" at the top of the screen.
You will be presented with a list of your channels.

Webcams

By choosing a webcam channel, you will be taken to a new page, where you can choose to take your stream LIVE or Schedule it for a later date/time.

When "Schedule" is clicked, you will be presented with a pop-up requiring you to enter the start date/time.
Once scheduled, your channel will display on the listings.
You MUST ensure you take your channel LIVE before the start date/time.

Taking your webcam LIVE

The website uses "Adobe Flash Player" and requires access to your camera and microphone.
 In Chrome, Flash may well be set to "Ask". This means you will need to "Allow" Flash to run on your device.

Enter this address in a new tab -   chrome://settings/content
Scroll down to Flash and choose – Choose the option "Allow sites to run Flash"

If you have not already been prompted to give access, a panel will be displayed with instructions as to what to do.
You MUST give access to "Adobe Flash Player" for your stream to work.

You are almost LIVE !

If your webcam is connected properly, you will see the stream view in the panel on the right, with the orange "GO LIVE" button and a pop-up toolbox with a number of options.

If you do not see the stream view from your webcam, then your webcam is possibly not set up properly.
If you have connected an external webcam, you may well be seeing the view through your computer's built in webcam and NOT the external webcam.
To change this, click the "Video" tab and then choose the external "Video Source" from the dropdown menu.

If you cannot see a view through your webcam and just see a black view, there is something wrong.
     Check that your webcam is connected properly.
     Come completely out of the website, clear your cache and try again. The Adobe settings may have
     been corrupted.

The quality of your stream very much depends on the strength of your internet connection and we have set default values for a standard internet connection. Setting a higher "frame rate" may produce a better quality picture, but may also produce a stream that buffers.

If you have a snapshot saved for your channel, it will be displayed on the left side of the screen.
You can choose to use/keep the displayed snapshot, or allow the system to take/save a new one when you GO LIVE.

NOTE - By default the AUDIO stream is **OFF**.

Click – GO LIVE.
Your channel is now LIVE.

The "Viewers" counter is dynamic and will show the current number of viewers watching your stream.
If your internet gets disconnected, the system will attempt to reconnect 10 times in the following 30 seconds. If the reconnect is successful, this will be noted on the screen.

To end your broadcast, just click "End Broadcast"

Maximum stream durations are set on the system. This is normally 60 minutes. As the maximum duration approaches, you will be prompted to extend the duration, if you wish.
Users with "special webcam streams" can contact us and request a longer duration.

Ipcams

There are two types of Ipcam channels you can create.

> **Ipcam**– A stream from a professional camera, normally fixed to a building.
> **Event** – A LIVE stream from a professional LIVE video camera.
> **TV** – A connected TV channel

By choosing an Ipcam channel, you will be taken to a new page.
The page will note whether the Ipcam is currently OFF-AIR, Live or Scheduled.
To take the Ipcam LIVE, you MUST click the "Accept" button having noted, and agreeing to, the specific Terms which are additional to the Terms of Service which also apply.
Once you have clicked the Accept button, you should then click LIVE.

If the channel is an ipcam EVENT channel, you can schedule your broadcast.
When "Schedule" is clicked, you will be presented with a pop-up requiring you to enter the start date/time.
Once scheduled, your channel will display on the listings. You MUST ensure you make your channel LIVE before the start date/time.

Ipcam – Stop

The ipcam stream is connected to our system and not being streamed from our system, as with webcams.

To disconnect your Ipcam stream from the system.
> Click "**OFF-AIR**" at the top of the screen.
> Choose the Ipcam from the list of your channels.
> Click OFF-AIR on the following page.

Problems / Resolutions

In Safari

Problem

> "Adobe Flash Player Settings" input box NOT responding.
> Adobe requires the user to enter some details before a webcam stream is started.

Resolve

> Maximise the page by clicking the green "Maximise" icon in Safari.

External Webcam / Camera view not there - just black

Close the website.
Clear your computer cache.
Connect the external webcam.
Reload website.
If the problem persists, you may need to restart your computer.