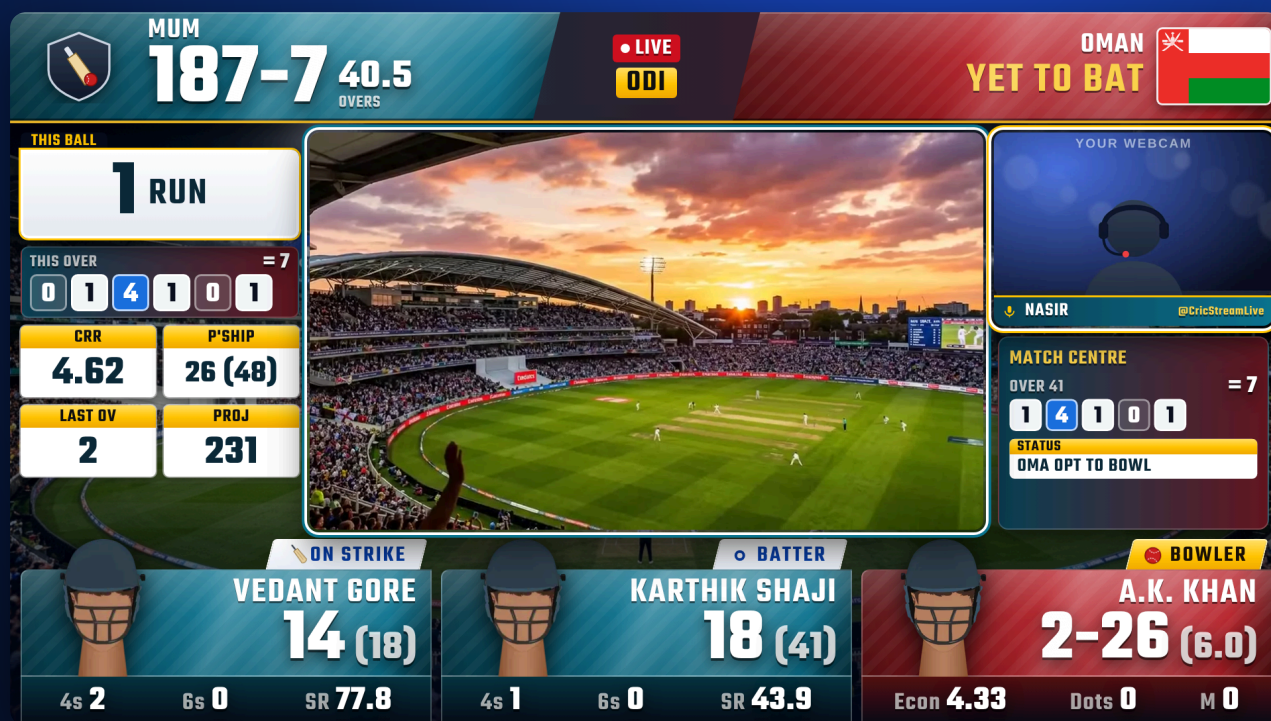


CRICSTREAM PRO ARENA

SETUP GUIDE — OBS STUDIO + YOUTUBE LIVE

Install the app and the browser extension, pick a match, add your camera in OBS and go live with big broadcast graphics, a live video window and your host cam.



Preview build "CricStream Pro Arena" · installs next to the regular CricStream Pro · October 2026

Contents

1 What you need	6 Set up OBS Studio
2 Install CricStream Pro Arena	7 Connect your camera & match video
3 Install the browser extension	8 Adding a 2nd host (optional)
4 Select a match to stream	9 Go live on YouTube
5 Choose the Arena layout	10 Checklist & troubleshooting

How to read this guide. Red numbers **1** on a picture match the numbered step next to it. **SCREENSHOT** = the real CricStream screen. **ILLUSTRATION** = a drawing of a Windows or OBS window (labels and buttons match the real thing; colours/layout can differ slightly between versions).

1 What you need

Item	Notes
Windows 10 / 11 PC	The same PC runs CricStream, Chrome and OBS. 8 GB RAM or more; a dedicated graphics card helps OBS.
Google Chrome (or Edge)	For the CricStream extension that reads the live match page.
OBS Studio 30.1 or newer	Free from obsproject.com . Has the WebSocket server built in.
Your webcam (1 host)	USB webcam, or a phone used as a webcam. A 2nd host is optional (section 8).
Match video (optional)	A capture card, a media file, or a feed you are licensed to show. Without it the window shows stadium artwork.
YouTube channel with live streaming enabled	Live streaming must be switched on in YouTube Studio (first-time activation can take up to 24 h).

Rights: only show match footage you are allowed to rebroadcast. Restreaming a TV channel or someone else's stream will get a copyright strike. Your own camera, your commentary and the CricStream graphics are fine.

2 Install CricStream Pro Arena

1 Download the installer

Open this link in your browser — it always points at the newest preview build:

<https://pub-af15c27583f54ee99f0aa1cb94285307.r2.dev/arena/CricStream-Pro-Arena-Setup.zip>

No installer rights? Use the portable version instead: [.../arena/CricStream-Pro-Arena-Portable.zip](#) — unzip and double-click, nothing to install.

2 Extract the zip

In your Downloads folder, right-click the zip → **Extract All...** → **Extract**.

3 Run the installer

Open the extracted folder and double-click **CricStream Pro Arena Setup 1.0.x.exe**.

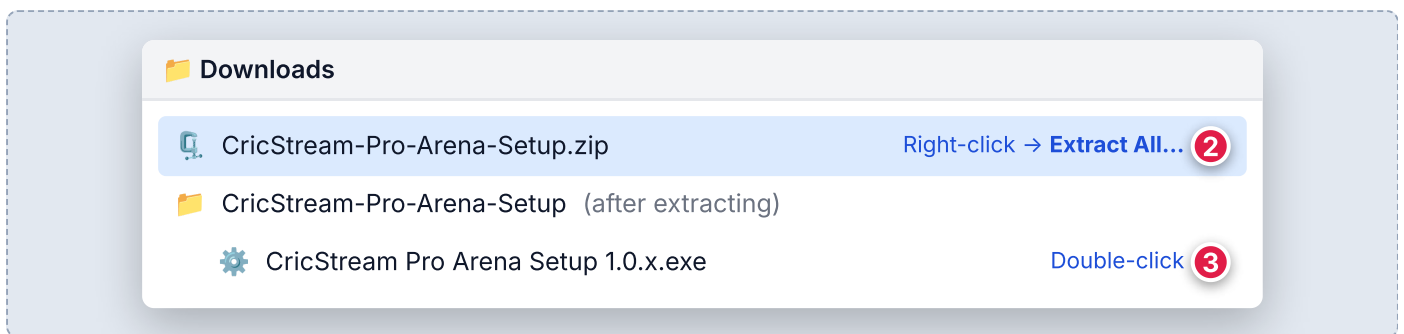


ILLUSTRATION Downloads folder: extract the zip, then run the Setup file inside.

4 If Windows shows “Windows protected your PC”

The preview build is not code-signed, so SmartScreen warns once. Click **More info...**

5 ...then Run anyway

Installation takes a few seconds. A desktop shortcut **CricStream Pro Arena** is created.

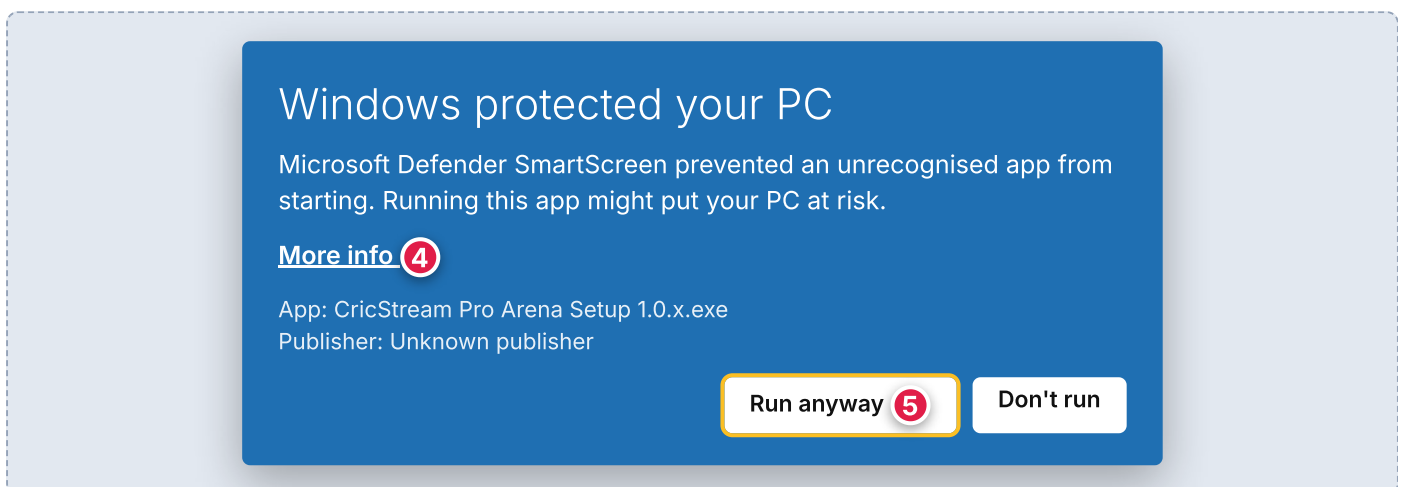
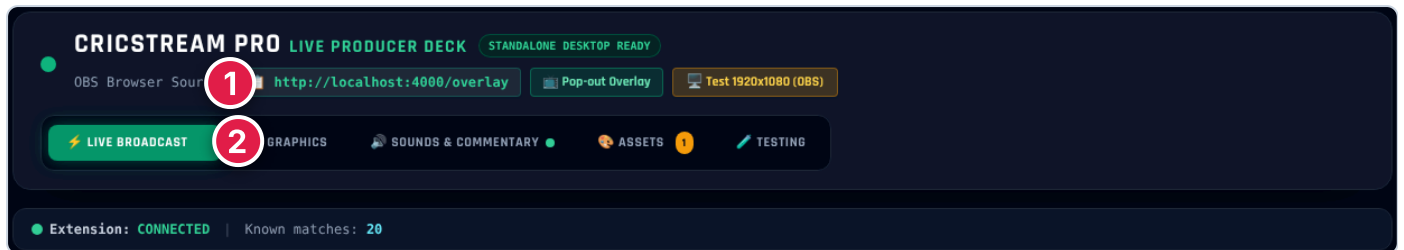


ILLUSTRATION SmartScreen warning: “More info” → “Run anyway”.

Your regular CricStream Pro is not touched. The Arena preview installs as a separate app. Both use port 4000, so **close the regular app before opening the Arena preview** (and vice versa).

6 Open the app

Start **CricStream Pro Arena**. The **Live Producer Deck** opens. At the top it shows the OBS Browser Source address **1** — you will paste this into OBS later — and the tabs **2**.



SCREENSHOT The producer deck after first launch. The extension shows CONNECTED once section 3 is done.

3 Install the browser extension

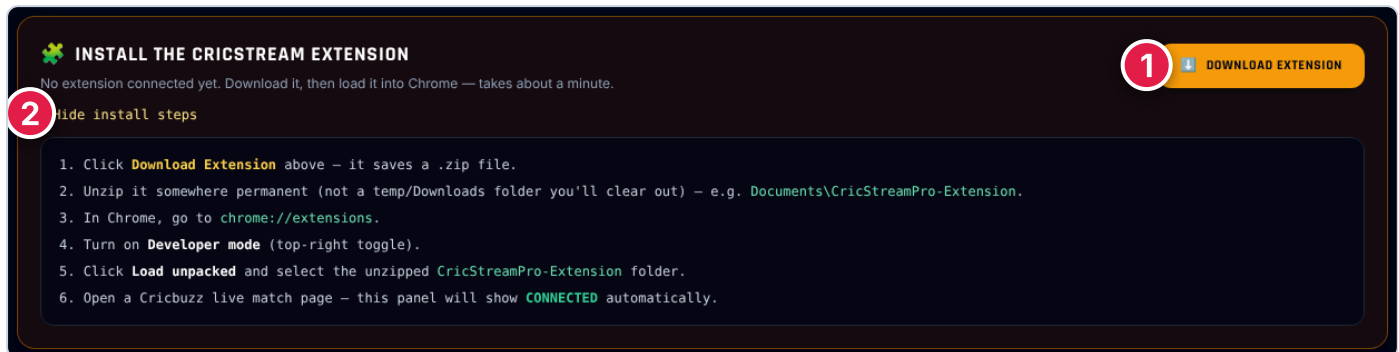
The extension reads the live match page you have open in Chrome (Cricbuzz or Crex) and sends every ball to CricStream. Without it the deck says **NOT CONNECTED**:



SCREENSHOT Status bar before the extension is installed.

1 Download the extension

In the deck, ⚡ **Live Broadcast** tab, find **Install the CricStream Extension** and click **Download Extension** ①. Click **Show install steps** ② for a reminder.



SCREENSHOT Install card in the Live Broadcast tab (shown only while no extension is connected).

2 Unzip it somewhere permanent

Extract the downloaded zip to a folder you will keep, e.g. `Documents\CricStreamPro-Extension`. Chrome loads it from there every time — don't delete or move it.

3 Open Chrome's extensions page

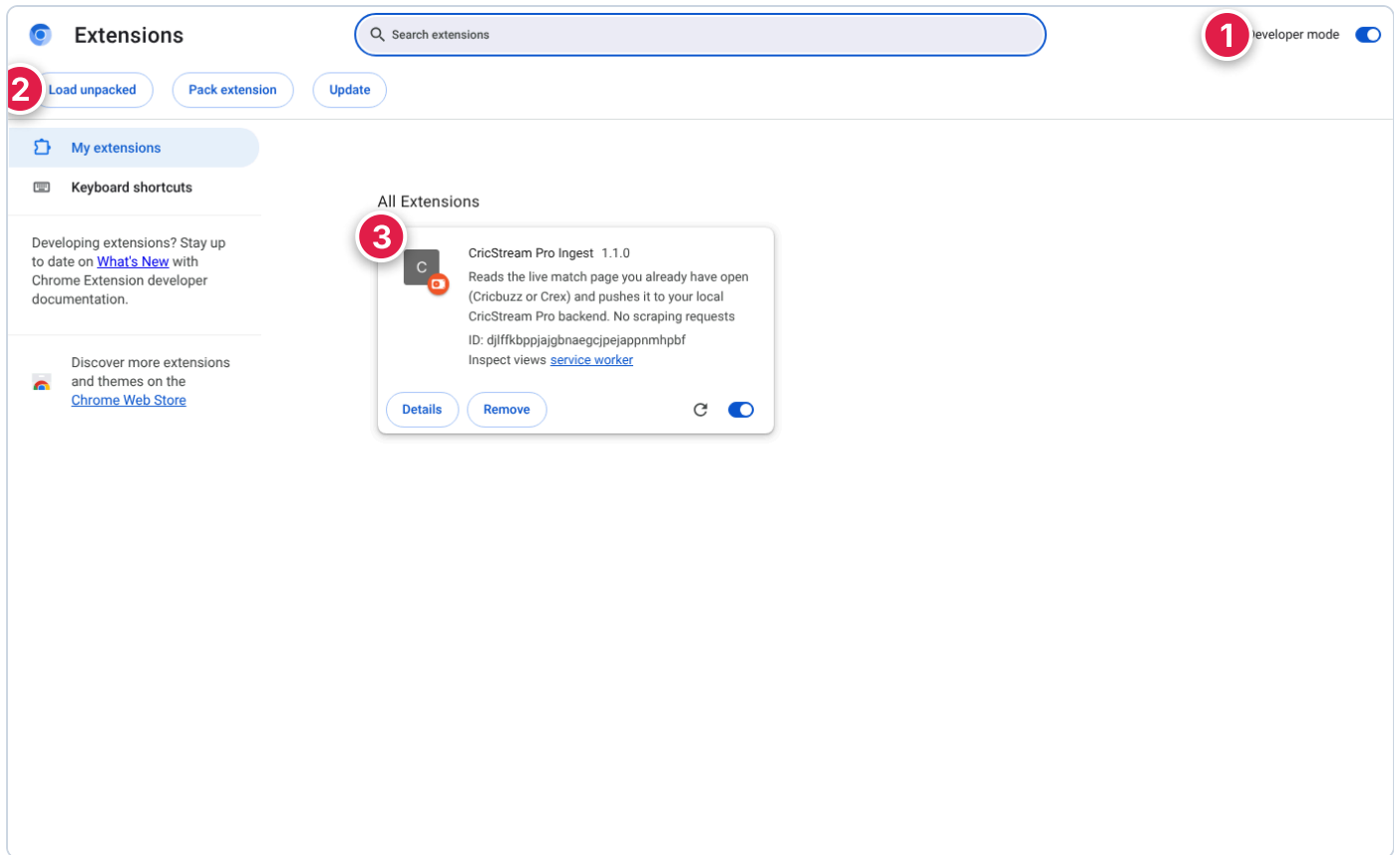
Type `chrome://extensions` in the address bar and press Enter.

4 Turn on Developer mode

Toggle **Developer mode** on (top-right) ①.

5 Load unpacked

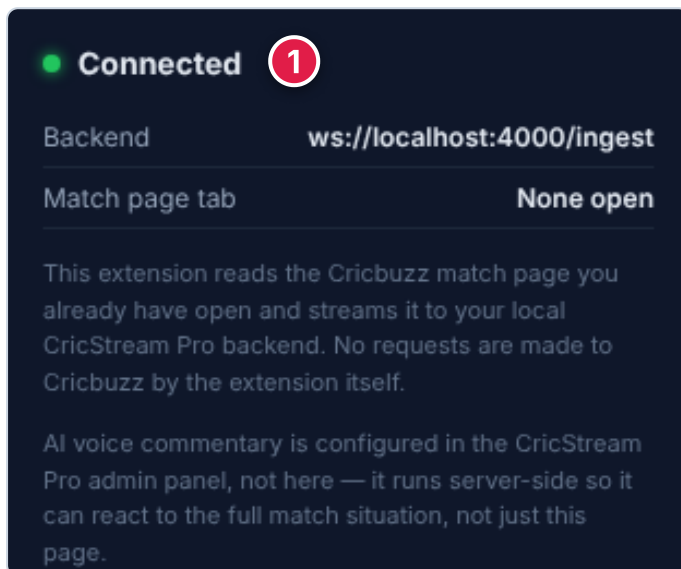
Click **Load unpacked** ②, select the **CricStreamPro-Extension** folder from step 2 and click **Select Folder**. The card **CricStream Pro Ingest** appears ③ — make sure its switch is on.



SCREENSHOT chrome://extensions with the CricStream extension loaded.

6 Pin it (optional) and check it

Click the puzzle-piece icon in Chrome's toolbar → pin **CricStream Pro Ingest**. Clicking it shows **Connected** ¹ while CricStream is running.



SCREENSHOT Extension popup: Connected to the local CricStream backend.

Edge users: the same steps work at `edge://extensions` ("Developer mode" is in the left sidebar).

After a CricStream update that changes the extension, download it again, replace the folder and click the ↻ reload icon on the extension card.

4 Select a match to stream

1 Open the live match page in Chrome

Go to the match on **cricbuzz.com** (Live Scores → the match) or **crex.com**. Leave this tab open for the whole stream — it can sit in the background.

2 Check the extension picked it up

The extension icon **2** works on that tab automatically; its popup now shows the match tab. In the deck the status bar turns **CONNECTED**.

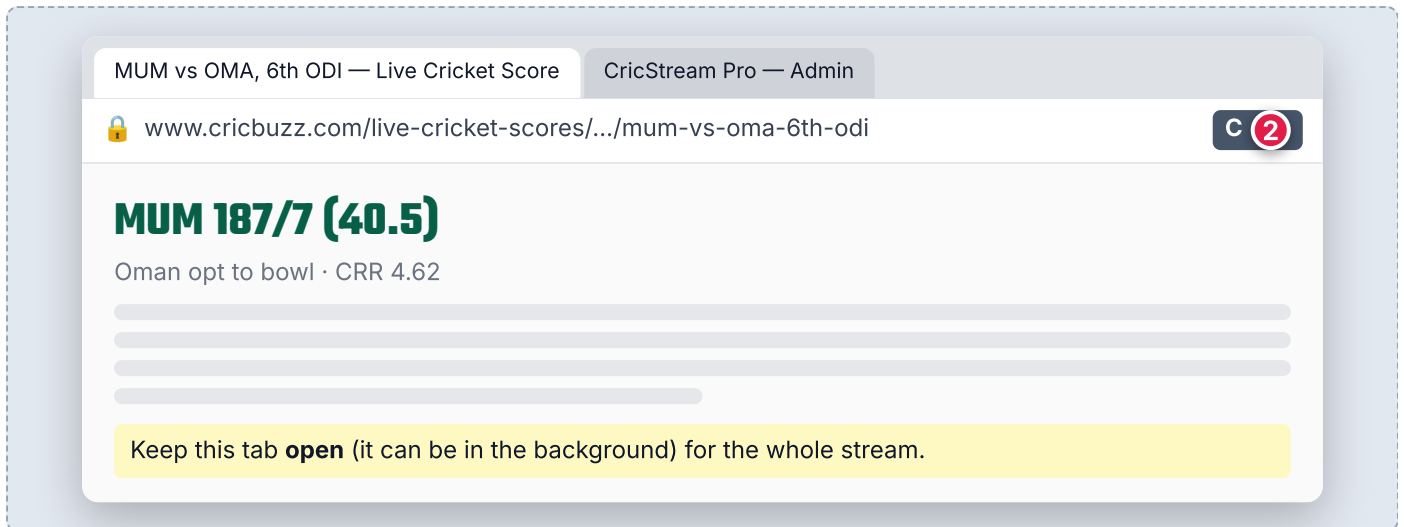
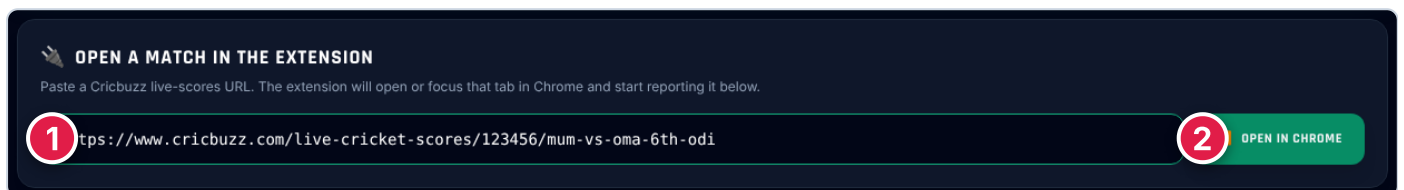


ILLUSTRATION A Cricbuzz live match page open in Chrome, with the CricStream extension active.

3 Or open it from the deck

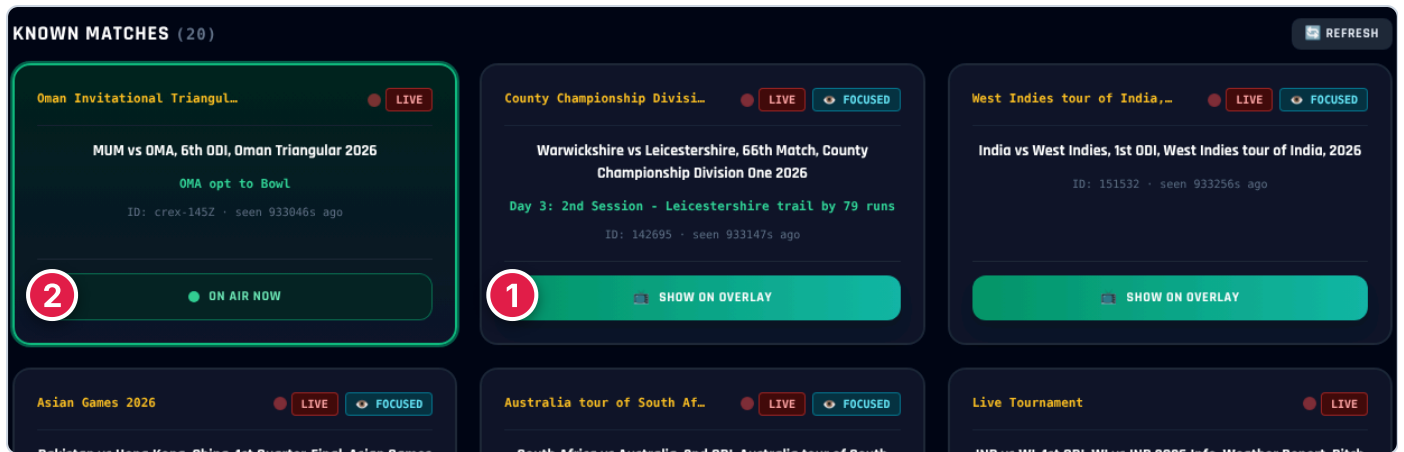
Paste the Cricbuzz match address into **Open a match in the extension** **1** and click **Open in Chrome** **2** — the extension opens/focuses that tab for you.



SCREENSHOT Live Broadcast tab → Open a match in the extension.

4 Put the match on air

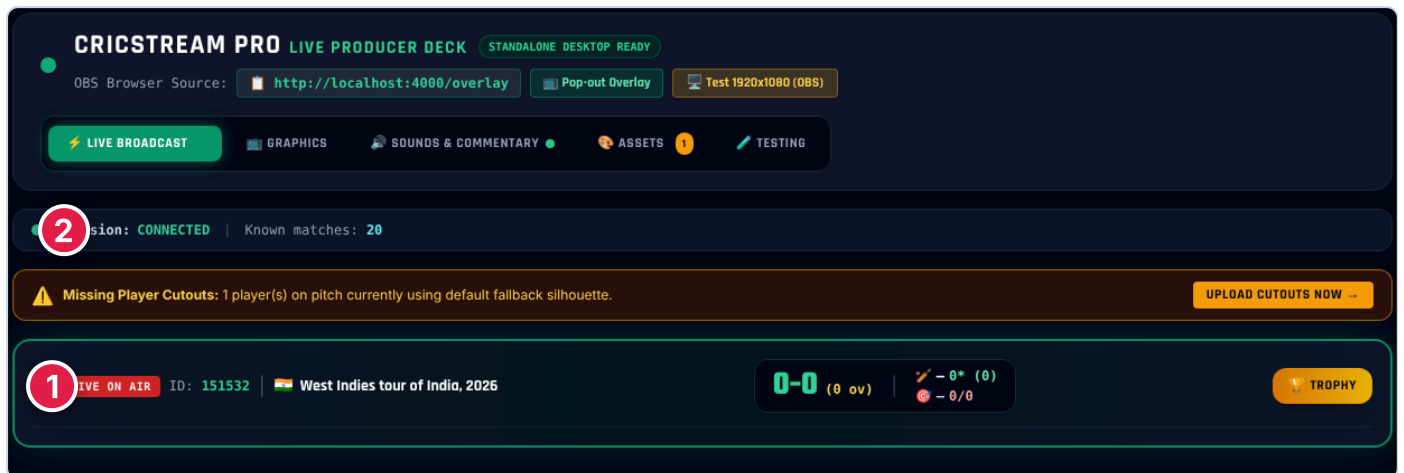
Every match the extension sees is listed under **Known matches**. Click **Show on overlay** **1** on the one you want. The card changes to **ON AIR NOW** **2**.



SCREENSHOT Known matches — one click puts a match on the overlay.

5 Confirm

The top of the deck now shows **LIVE ON AIR** ¹ with the match name and live score, and the extension status is **CONNECTED** ².



SCREENSHOT Match on air. (This example match had not started yet, hence 0-0.)

Switching matches is the same click on another card. Score, players, cards and the pre-match / innings-break / result screens all follow the match automatically.

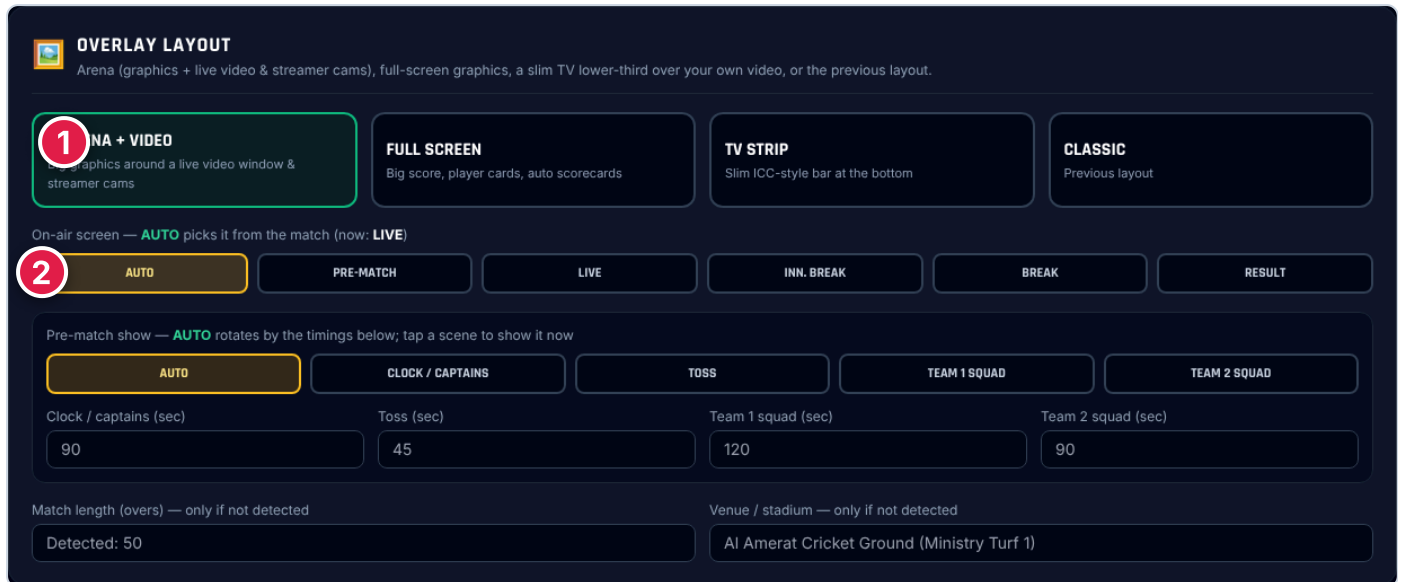
5 Choose the Arena layout

1 Graphics tab

Click  **Graphics** in the deck.

2 Arena + Video

Under **Overlay Layout** select **Arena + Video** ¹ (it is already the default in this build). Leave the on-air screen on **Auto** ² — the pre-match show, live screen, innings break and result switch by themselves.



SCREENSHOT Graphics tab → Overlay Layout.

What the Arena layout looks like

Score band on top, player cards at the bottom, and in the middle: your **match video window**, your **host cam** with a name plate, live stats and the Match Centre. Every 90 seconds the middle rearranges into a different scene so a long stream never looks frozen.

MUM

187-7

40.5

OVERS

LIVE

001

OMAN

YET TO BAT

THIS BALL

1 RUN

THIS OVER

0 1 4 1 0 1

= 7

CRR

4.62

P'SHIP

26 (48)

LAST OV

2

PROJ

231

YOUR WEBCAM

NASIR

@CricStreamLive

MATCH CENTRE

OVER 41

1 4 1 0 1

= 7

STATUS

OMA OPT TO BOWL

ON STRIKE

VEDANT GORE

14 (18)

4s 2 6s 0 SR 77.8

BATTER

KARTHIK SHAJI

18 (41)

4s 1 6s 0 SR 43.9

BOWLER

A.K. KHAN

2-26 (6.0)

Econ 4.33 Dots 0 M 0

SCREENSHOT Finished result in OBS: match video and host cam showing through the overlay's windows (placeholder video used here).

CricStream Pro Arena — Setup Guide

10 / 20

6 Set up OBS Studio

6.1 Canvas size

1 Settings → Video

In OBS: **File** → **Settings** → **Video**. Set **Base (Canvas) Resolution** to **1920×1080** (and Output to 1920×1080 or 1280×720), FPS 30.

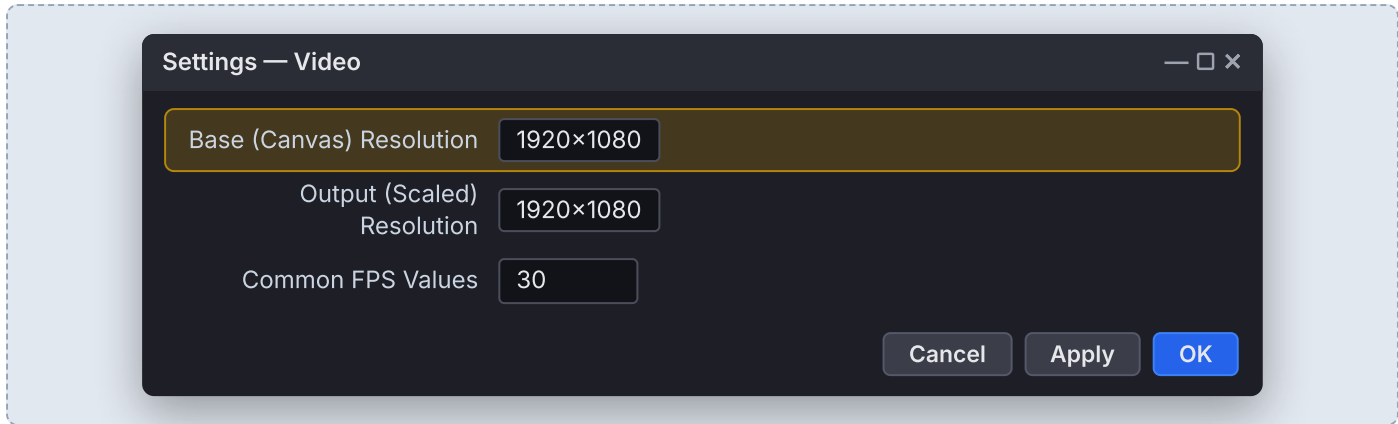


ILLUSTRATION OBS Settings → Video.

6.2 Turn on the WebSocket server

2 Tools → WebSocket Server Settings

Tick **Enable WebSocket server**, keep port **4455**, tick **Enable Authentication** and set a password (or click **Generate Password**). **Show Connect Info** lets you copy it. Click **OK**.

This lets CricStream move your camera and video sources when the layout changes scene.

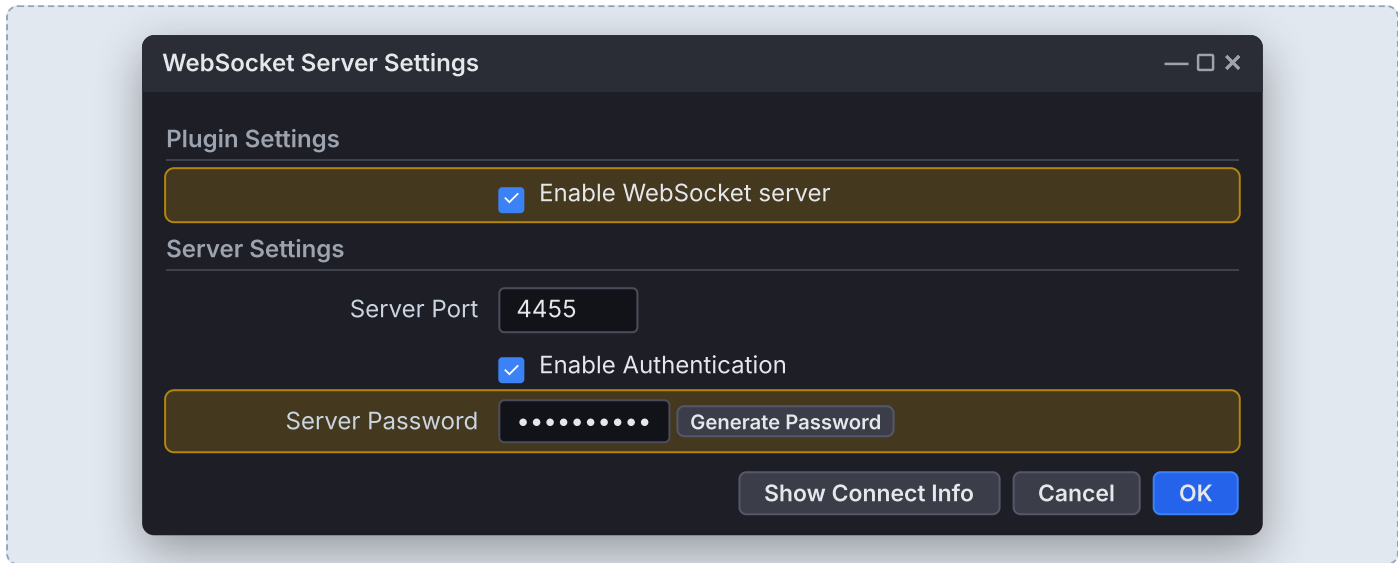


ILLUSTRATION OBS Tools → WebSocket Server Settings.

6.3 Create the scene and add the sources

1 Create a scene

In the **Scenes** dock click + and name it **Live Match**.

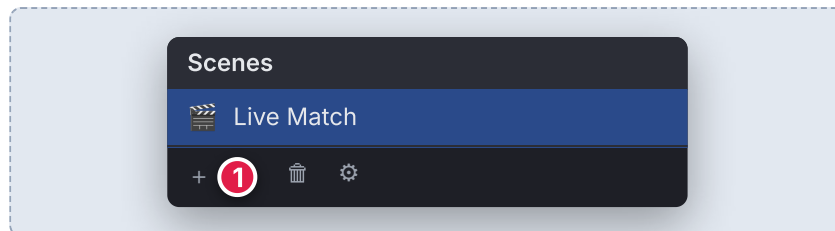


ILLUSTRATION Scenes dock.

2 Add the overlay (Browser source)

In **Sources** click + → **Browser**, name it **CricStream Overlay**, then set:

- **URL** `http://localhost:4000/overlay` (copy it from the top of the deck)
- **Width** 1920, **Height** 1080
- **Shutdown source when not visible** — off
- **Refresh browser when scene becomes active** — off

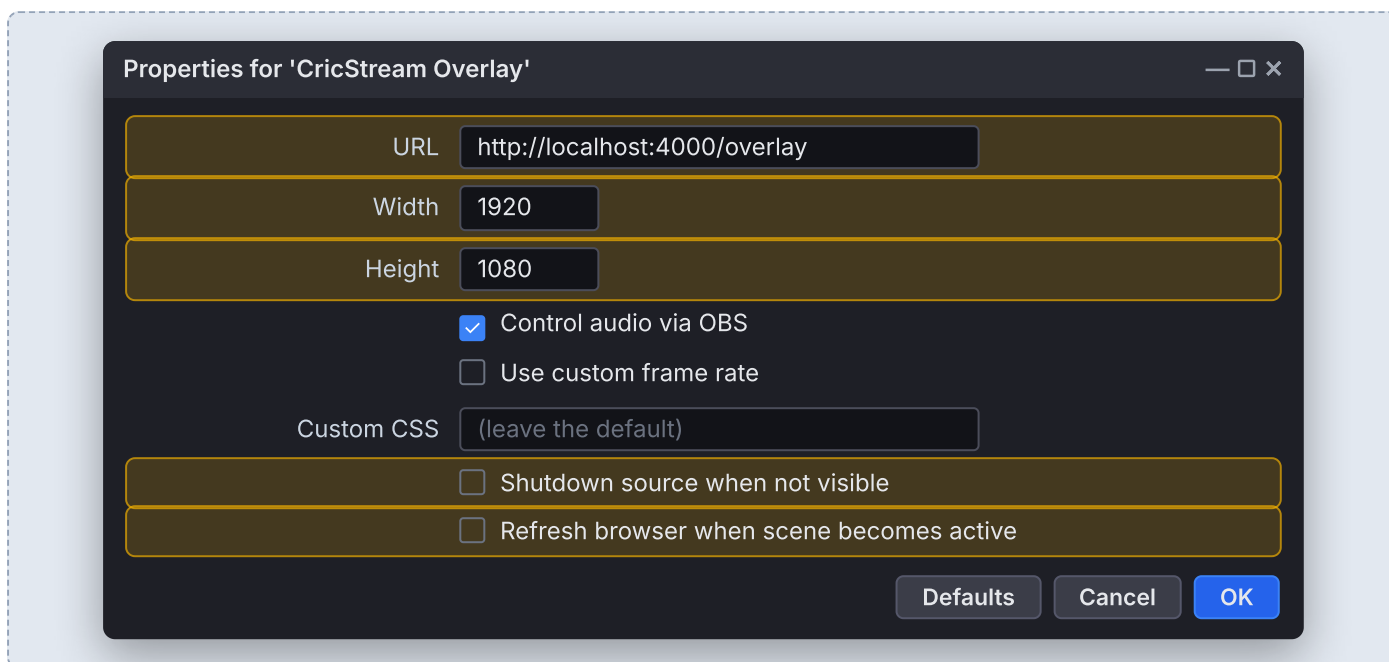


ILLUSTRATION Browser source properties for the overlay (highlighted rows matter).

3 Add your webcam

+ → **Video Capture Device**, name it exactly **Streamer Cam 1**, pick your webcam, 1280×720 / 30 fps.

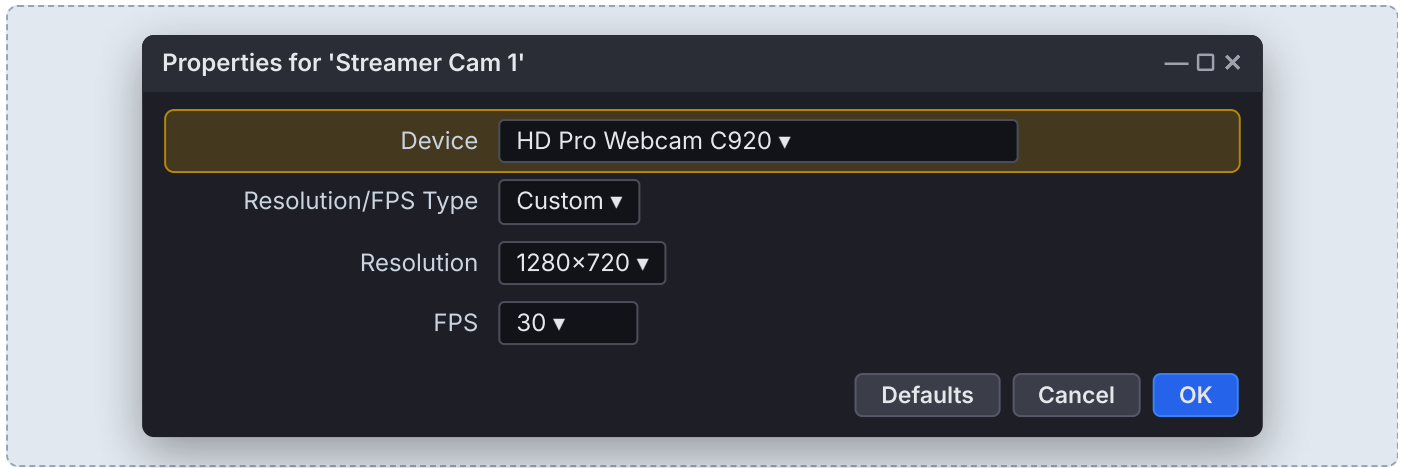


ILLUSTRATION Video Capture Device for the host cam.

4 Add the match video (optional)

+ → **Video Capture Device** (capture card), **Media Source** (a file / stream) or **Window Capture**, named exactly **Match Feed**. No match video? Skip it — the window shows stadium artwork.

5 Put them in this order

The overlay must be at the **top** of the list; it draws the graphics and leaves see-through windows for the sources underneath. Use the ▲▼ arrows to reorder.

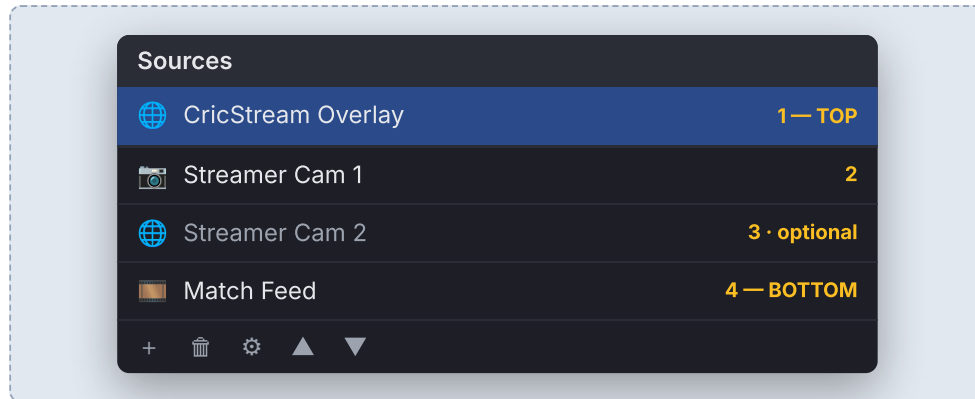


ILLUSTRATION Sources dock — the required order (top to bottom).

Don't worry about where the cam and video sit on the canvas. Once OBS is connected (next section) CricStream positions and resizes them itself, and moves them every time the scene changes.

7 Connect your camera & match video

Back in the deck: 🖥️ **Graphics** tab → 👤 **Video & Streamer Cams**.

1 1 host

1 host ① is selected by default. Leave **Random rotation** ② on (every 90 s) or untick it and click one scene ③ to keep it fixed.

2 Match video → OBS source

In **Match video** click **OBS source** ④ and check the name is **Match Feed** ⑤. (No match video? leave it **Off**.) Click **Apply**.

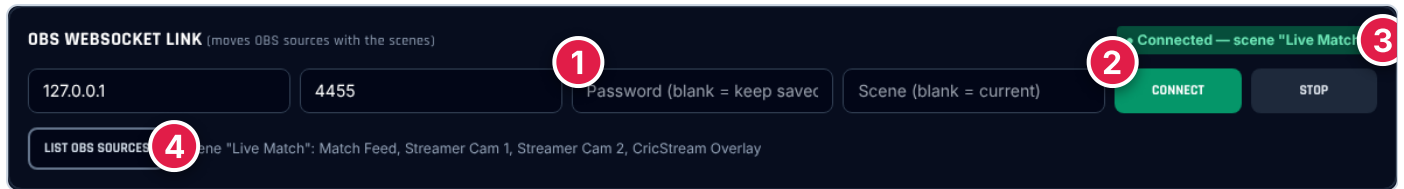
3 Streamer cam 1 → OBS source + your name

Same in **Streamer cam 1: OBS source**, name **Streamer Cam 1**, then type the host name and @handle for the name plate ⑥. Click **Apply**.

SCREENSHOT Graphics → Video & Streamer Cams.

4 Connect to OBS

In **OBS WebSocket link** 7 enter the password from 6.2 1 and click **Connect** 2. It turns green: **Connected — scene "Live Match"** 3. Click **List OBS sources** 4 — your source names should be listed.

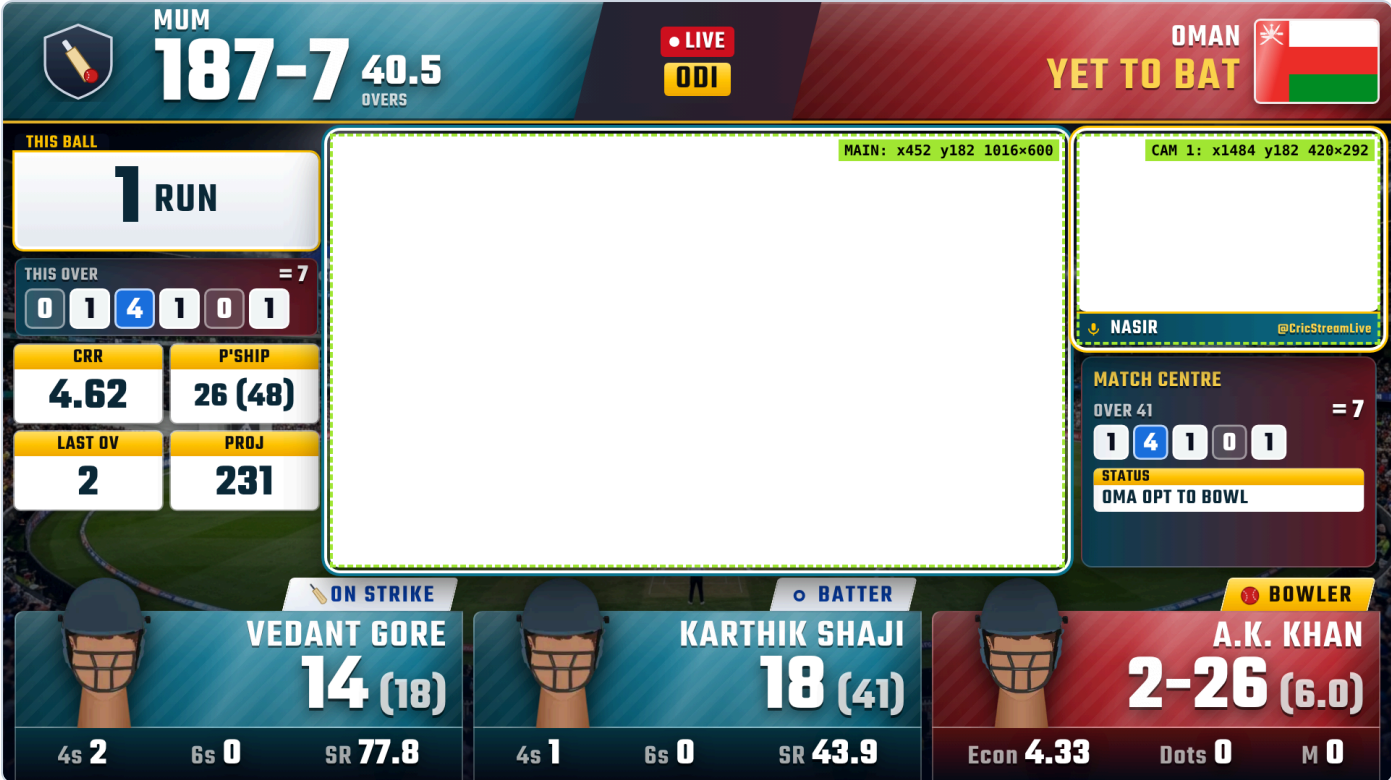


SCREENSHOT OBS link connected; the source list confirms the names match.

Within a second your webcam and match video jump into the windows in OBS. The password is saved — next time CricStream reconnects by itself.

Checking the windows

Tick **Show alignment guides on overlay** to see each window's exact position. In OBS the windows show your sources; the guides are only for checking — untick before going live.



SCREENSHOT Alignment guides. White = transparent window (your OBS source shows here).

Don't want to connect OBS? Untick **Random rotation**, pick one scene, turn on the guides and place each source by hand: right-click it in OBS → **Transform** → **Edit Transform**, enter the x / y / size from the guide, set **Bounding Box Type** = **Scale to outer bounds** and tick **Crop to Bounding Box**.

Other ways to bring in video

Option in the deck	Use it for
OBS source (recommended)	Webcams, capture cards, phone cams, VDO.Ninja — best quality, no extra delay.
Camera / capture card	The overlay opens the camera itself. Inside OBS this needs OBS started with <code>--enable-media-stream</code> (add it to the OBS shortcut's Target).
Stream link	An HLS (.m3u8), MP4 or WebM link you are licensed to show.
Embed	A YouTube link or a VDO.Ninja guest link.

8 Adding a 2nd host (optional)

Only when you have a co-host. In the deck click **+ 2nd host**, set **Streamer cam 2** to **OBS source** (name **Streamer Cam 2**) with their name, and add the source in OBS:

- **Same room:** a second webcam → **Video Capture Device** named **Streamer Cam 2** (plug the two cams into different USB ports).
- **Somewhere else — VDO.Ninja (free):** the co-host opens <https://vdo.ninja/?push=CricCoHost123> (pick your own ID) on their phone or laptop and allows camera + mic. In OBS add a **Browser** source named **Streamer Cam 2** with URL <https://vdo.ninja/?view=CricCoHost123&cleanoutput> , 1280×720, and tick **Control audio via OBS** so their voice goes on stream.

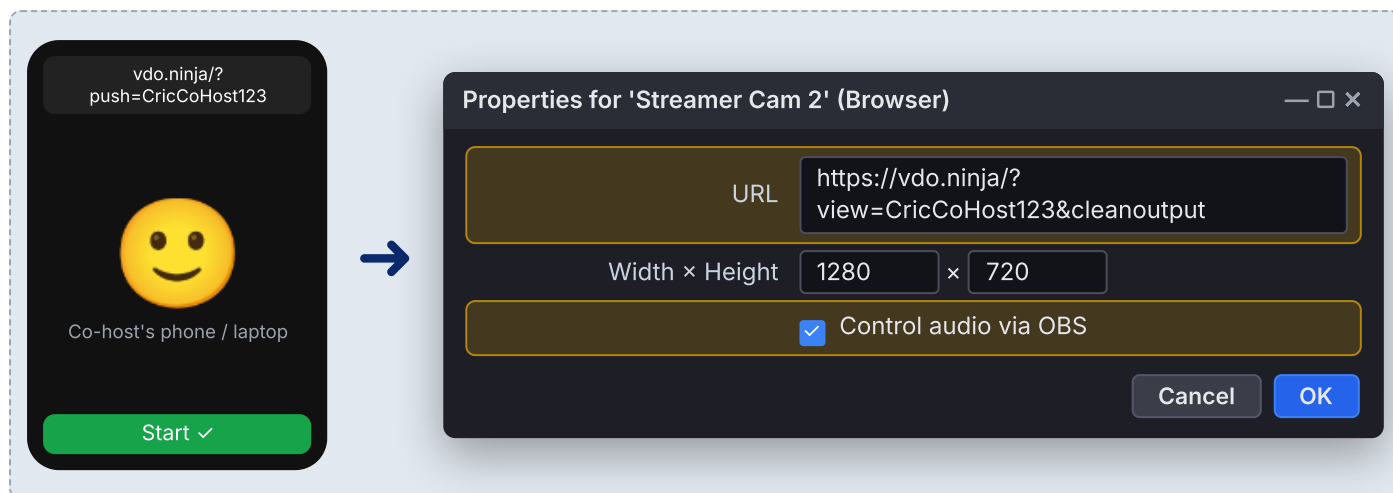


ILLUSTRATION Remote co-host with VDO.Ninja → Browser source in OBS.

The co-host should wear headphones to avoid echo. Going back to one host is one click: **1 host**.

9 Go live on YouTube

1 Connect OBS to YouTube

File → **Settings** → **Stream**: Service **YouTube - RTMPS**, then **Connect Account** (recommended) or paste the **Stream Key** from YouTube Studio → Go live → Stream.

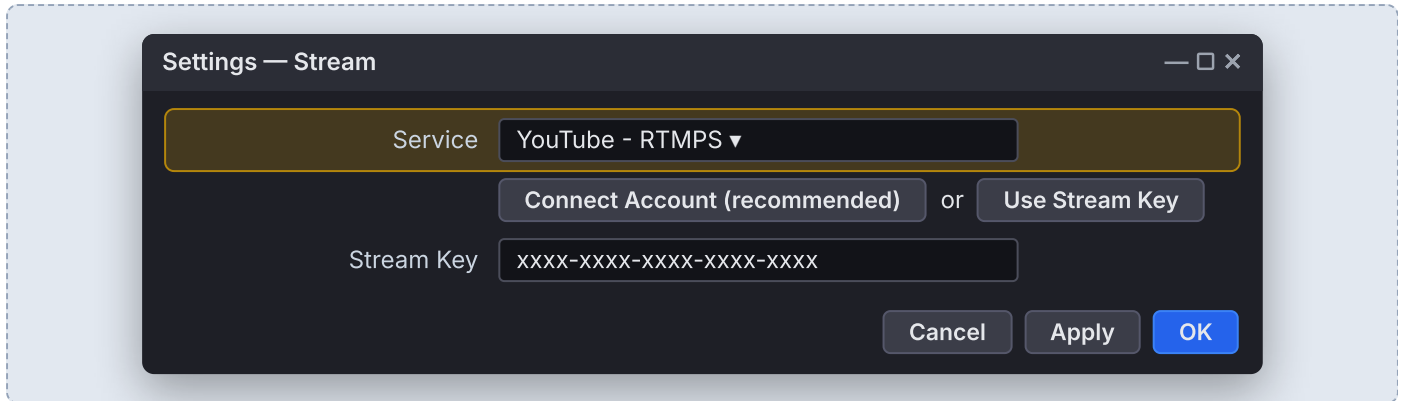


ILLUSTRATION OBS Settings → Stream.

2 Add your microphone

OBS normally picks up your default mic as **Mic/Aux**. In the Audio Mixer, **⋮** → **Filters** → add **Noise Suppression** and a **Compressor**.

3 Start Streaming

Click **Start Streaming** in the Controls dock, then check the preview in YouTube Studio.

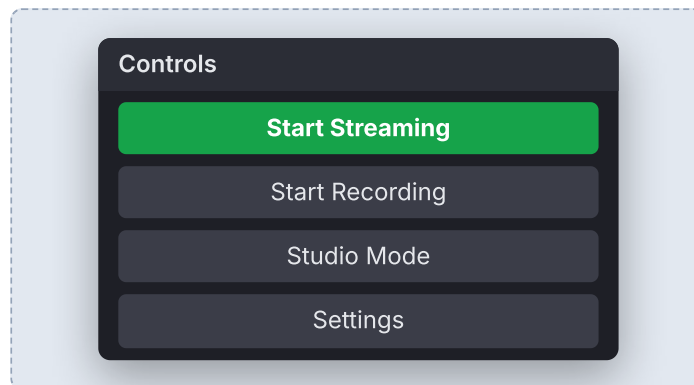


ILLUSTRATION OBS Controls dock.

10 Checklist & troubleshooting

Before every stream

- ☐ Regular CricStream Pro closed, **CricStream Pro Arena** open.
- ☐ Chrome open with the match page; deck shows **Extension: CONNECTED**.
- ☐ Correct match shows **ON AIR NOW** in Known matches.
- ☐ Graphics → layout **Arena + Video**; host name on the cam plate is right.
- ☐ OBS link shows **● Connected**; cam and video are inside their windows.
- ☐ Alignment guides **off**.
- ☐ Mic levels OK in OBS; test the stream privately (YouTube *Unlisted*) first.

Troubleshooting

Problem	Fix
Deck says Extension: NOT CONNECTED	Is CricStream open? Is the extension switched on at chrome://extensions? Reload the match tab. Only one CricStream app can be open at a time.
Match not in Known matches	Open the match page itself (not the home page) on cricbuzz.com or crex.com, then click Refresh .
Overlay blank in OBS	Check the Browser source URL is <code>http://localhost:4000/overlay</code> , size 1920×1080; right-click → Refresh.
Windows are dark instead of showing my camera	The camera / video sources must be below CricStream Overlay in the Sources list, and the slot must be set to OBS source .
Camera doesn't move when the scene changes	OBS link must show ● Connected ; names must match exactly (use List OBS sources).
"Wrong OBS WebSocket password"	Copy it again from OBS → Tools → WebSocket Server Settings → Show Connect Info.
Cams cover something on break screens	Untick Cams as picture-in-picture on breaks .
Layout changes too often	Raise the rotation seconds, untick scenes you don't like, or turn rotation off.

More detail: [docs/VIDEO_AND_CAMERAS_GUIDE.md](#) in the project repository.