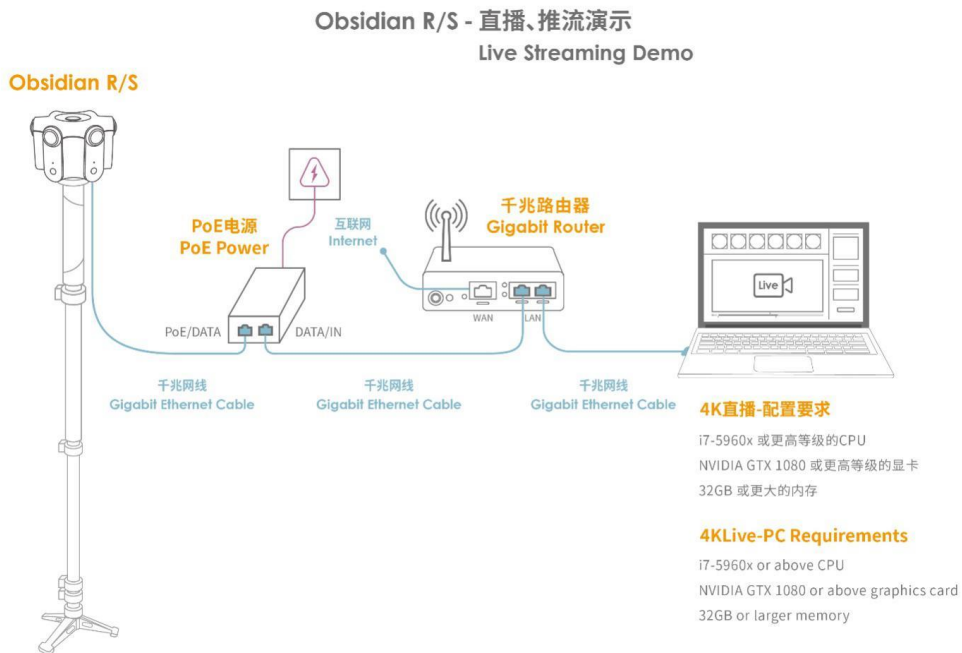


## How to Set up Live Streaming with Obsidian R/S (Studio v2.5)

### 1 Connect Obsidian with the Computer

1.1 Prepare a POE power, a Gigabit router, an Obsidian camera, Gigabit Ethernet cables and a PC with recommended configuration (i7-5960x CPU, NVIDIA GTX 1080 graphics card and 32 GB memory or above).

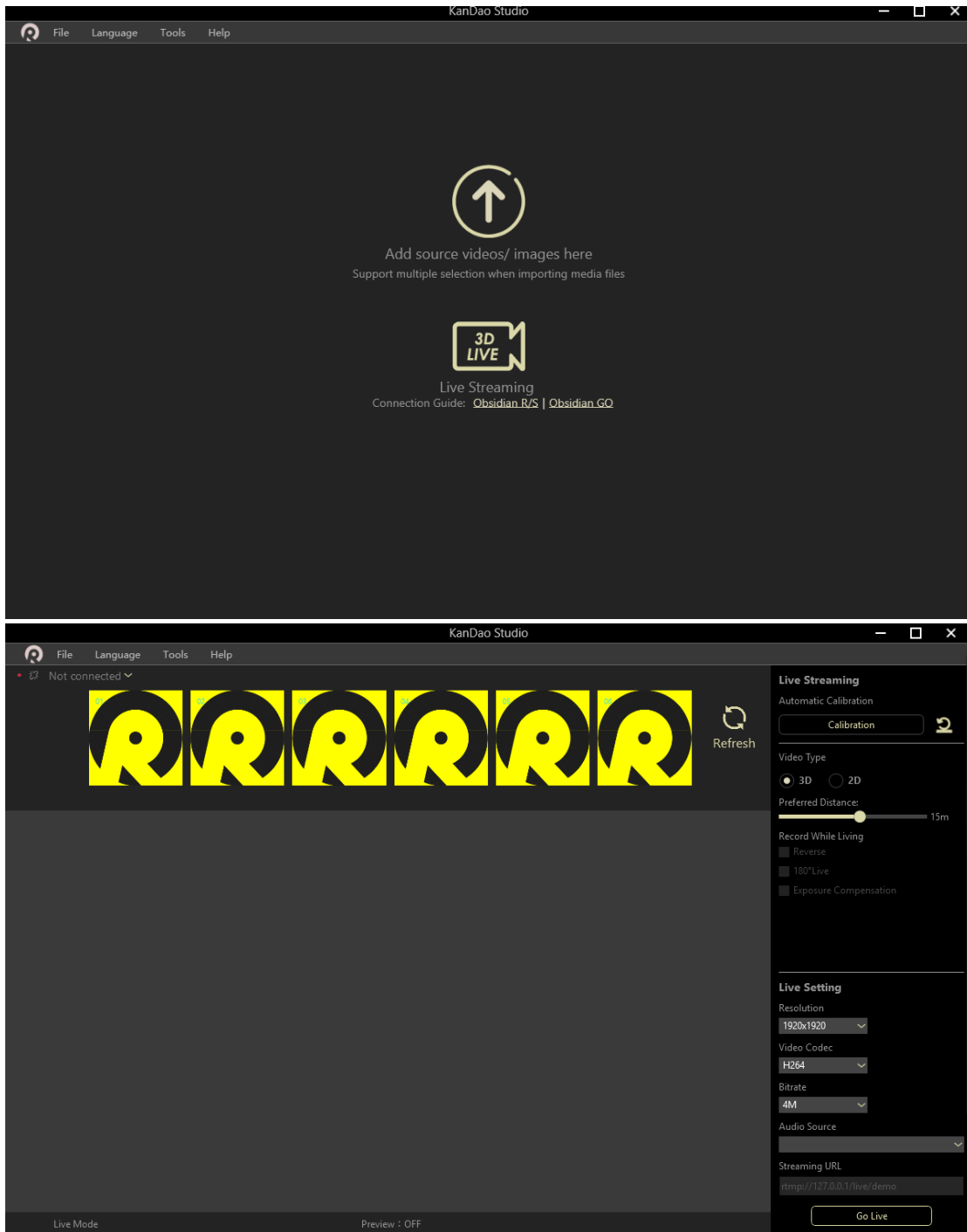
1.2 To ensure the fluency of live streaming, connect the Camera and the PC via the Gigabit Ethernet Cable as “Live Streaming Demo” shown below.



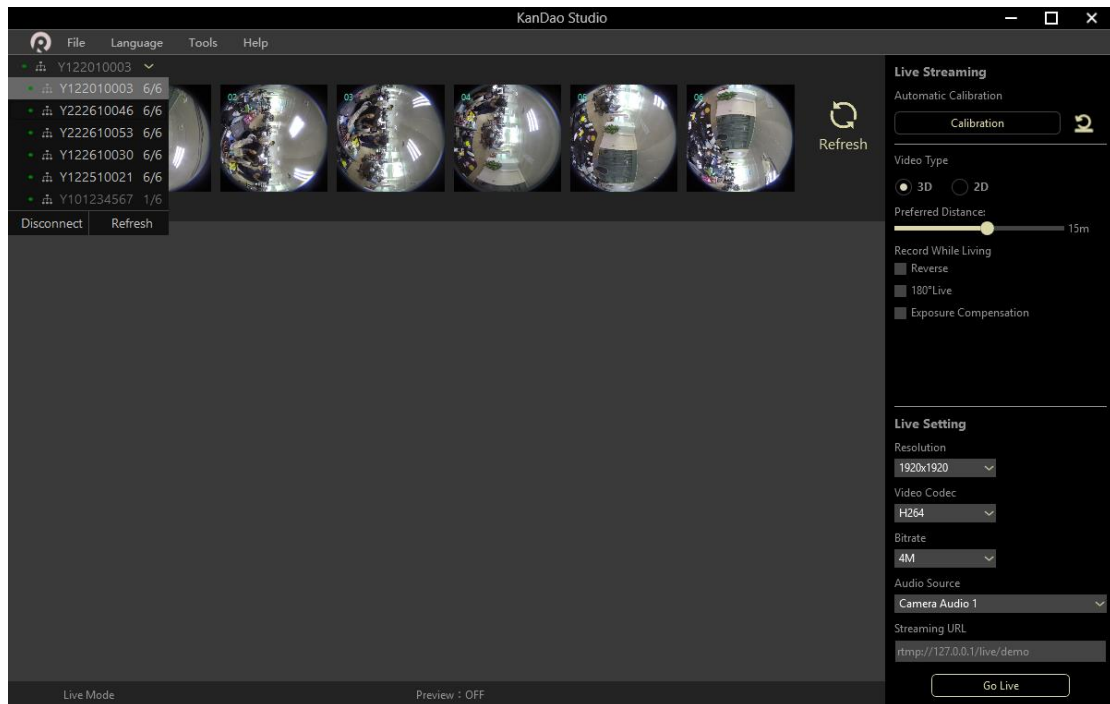
Make sure the network is stable and robust.

### 2 Kandao Studio Setting

2.1 Turn on Obsidian and open Kandao Studio, click “Live Streaming”.

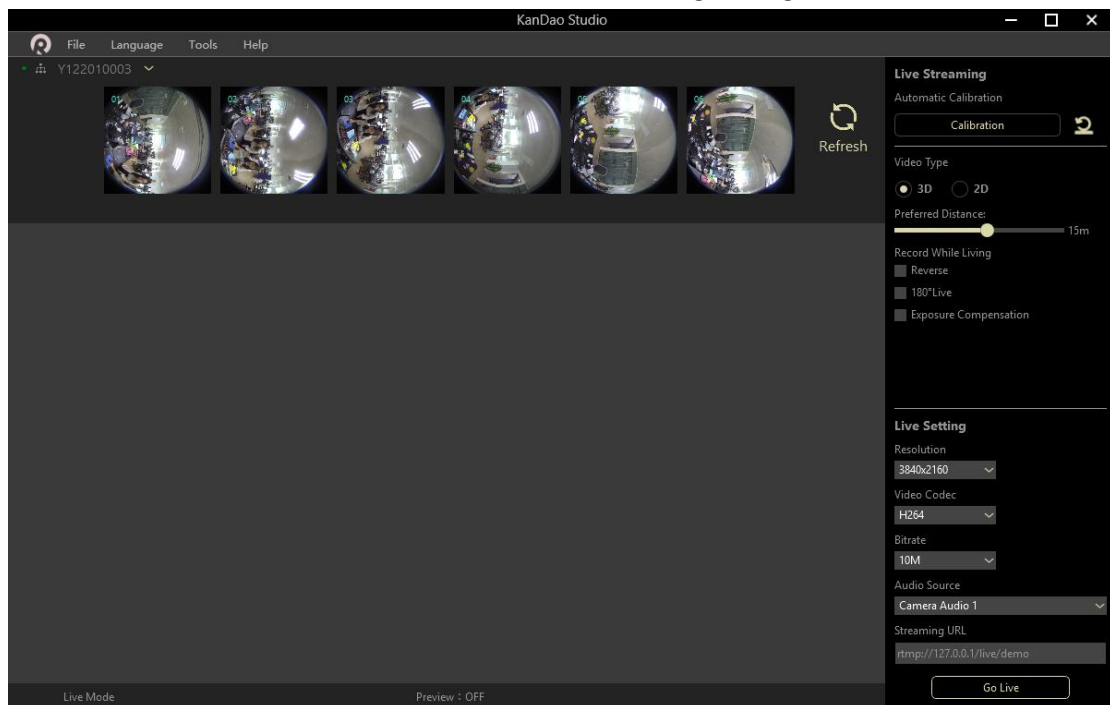


2.2 Connect Kandao Studio to the camera by clicking the arrow on the top left corner, and choose the camera.



### 2.3 Parameters Setting of Live Streaming

There are two sections in Kandao Studio for live streaming setting.



#### 【Live Streaming】

Automatic Calibration

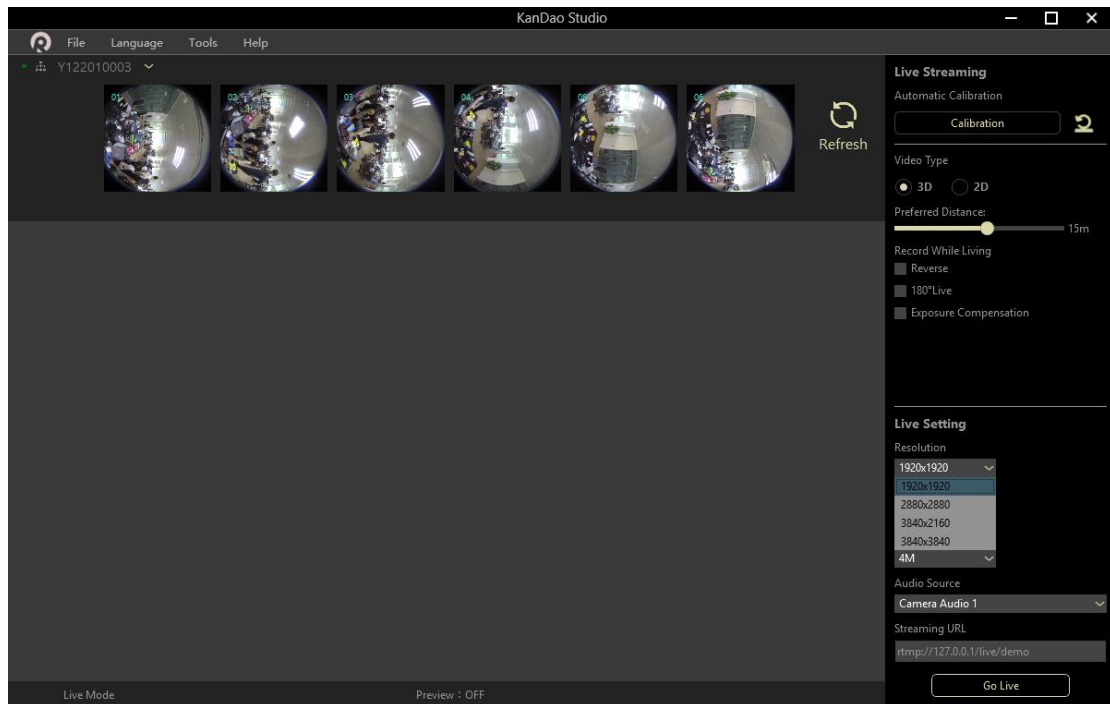
Video Type: 2D or 3D

Preferred Distance: Adjust the distance according to the situation.

Option: Reverse; 180° Live; Exposure Compensation

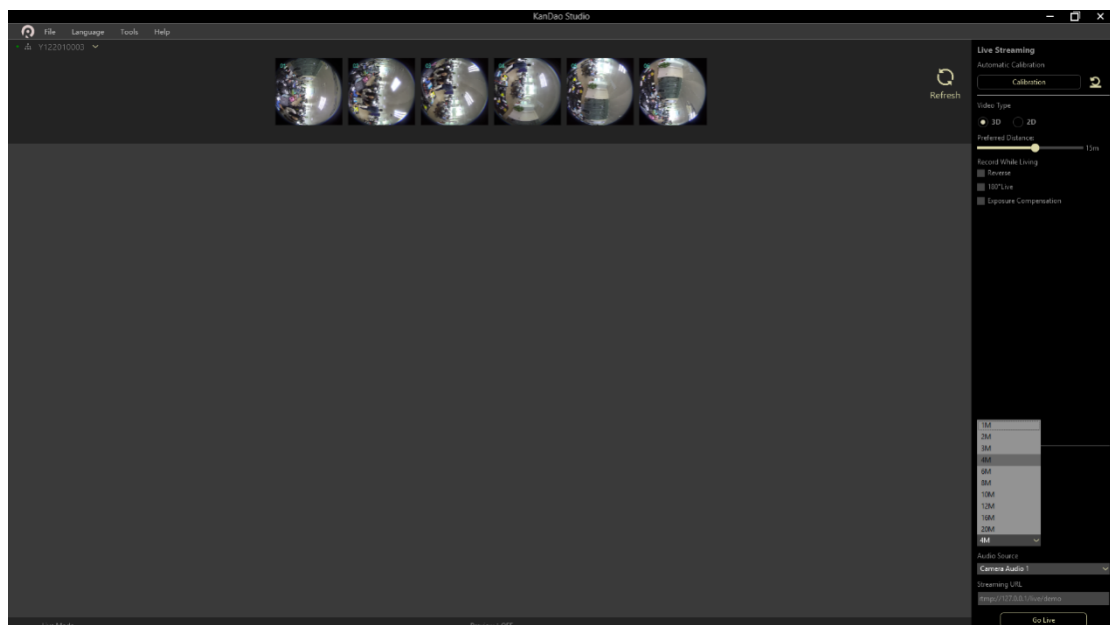
#### 【Live Setting】

Resolution: refers to the Live resolution. And there are four choices: 1920\*1920, 2880\*2880, 3840\*2160, 3840\*3840.

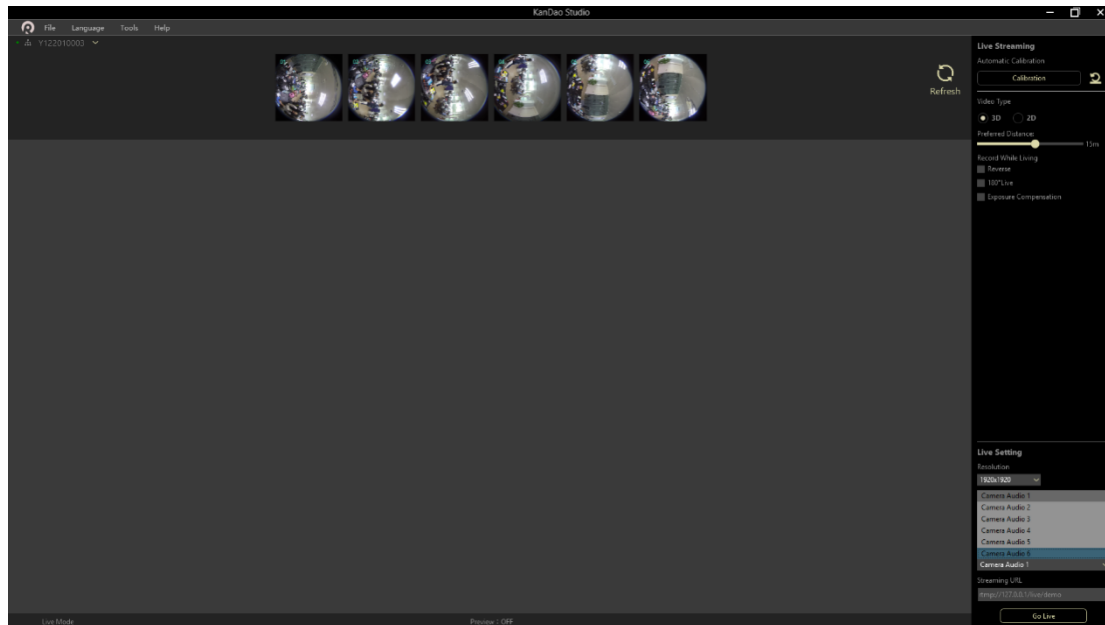


Video Codec: H264

Bitrate: refers to the number of bits that are conveyed or processed per unit of time. When the video output resolution remains the same, the higher bitrate you choose, the better picture definition you will get.



Audio Source: You can choose the audio track on the [Audio Source].



Streaming URL: live streaming address.

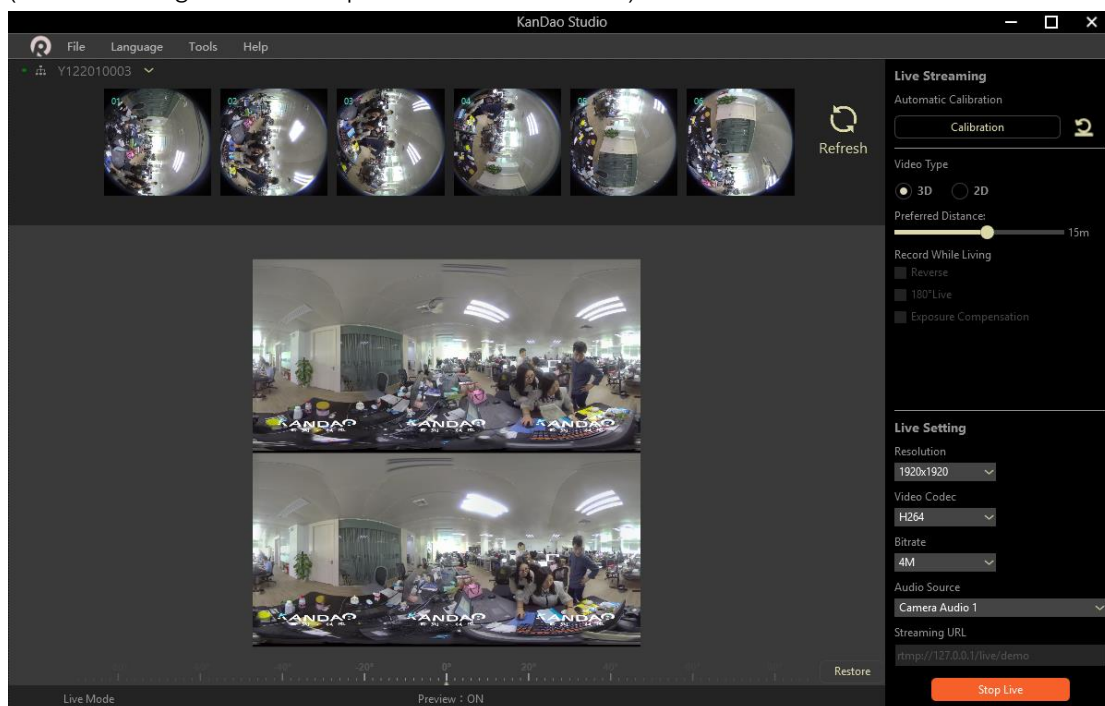
### 3 Start Live Streaming

When you start Live, the upstream data speed should be at least 10 Mbps (actually it should double the bitrates you choose).

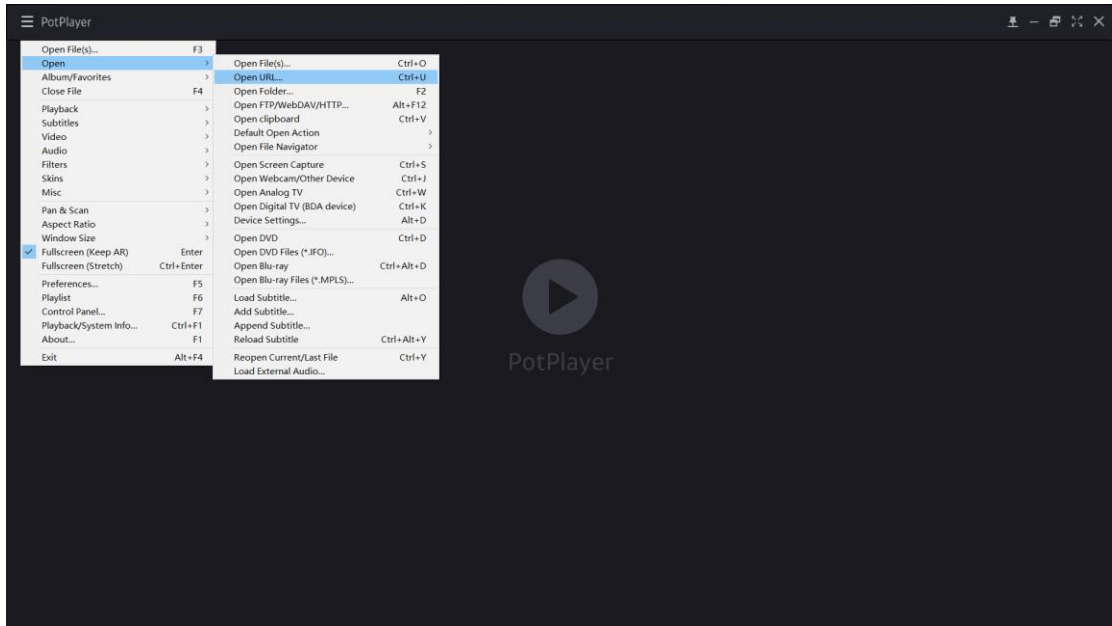
#### 3.1 LAN Live

Download and install a server like Nginx. Then you can start a live on LAN.

(Live streaming address: `rtmp://172.0.0.1/live/demo`)



And then open PotPlayer/VLC via a PC on the same LAN, click [Menu]-[Open]-[Open URL].



Type in the address (rtmp://Computer IP address/live/demo). Click OK and then the live streaming starts.

### 3.2 Online Live

For live streaming on Facebook and YouTube, please check it.

#### **How do I go live on Facebook :**

[https://www.facebook.com/help/1636872026560015?helpref=uf\\_permalink](https://www.facebook.com/help/1636872026560015?helpref=uf_permalink)

#### **YouTube live troubleshooting :**

<https://support.google.com/youtube/answer/6273849?hl=en>

You'll get the URL and key. Enter URL/key as the address in the [Streaming URL] of Kandao Studio.