

## VLCAM230 Streaming via

This guide will help you to quickly and easy set up your camera to be able to stream via your YouTube channel.

First you need to connect the camera to the network and configure the settings in the Camera Web GUI to your own networks settings. You can choose DHCP, or you can set your own IP Address and DNS. It is recommended to use static IP Addresses.

### 1.

Check your IP settings on your PC and on your Router so you know what IP Address to give the VLCAM230.

- Open Command Prompt
- Type: ipconfig
- Information will show like below example:  
IPv4... 192.168.1.11  
Subnet Mask... 255.255.255.0  
Default Gateway... 192.168.1.1

From this information you will know what IP range you should put the camera in.

### 2.

Change the cameras IP Address to this for example: 192.168.1.163 but first you need to connect to the camera.

- Change you PC's IP Address to 192.168.5.2
- Plug in the network cable between your PC and the camera
- Log in to the cameras Web GUI via the default IP Address 192.168.5.163 in your browser
- Choose English as language
- User: admin  
Pass: admin
- Select "Configurations" from the top tabs

**3.**

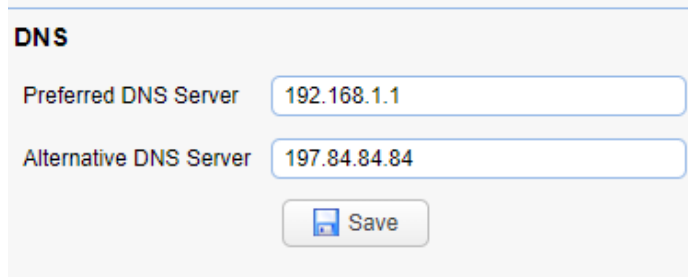
Changing the cameras IP Address. Select “Ethernet” in the left menu and fill in the IP Address, Subnet Mask and Default Gateway.

- The Cameras IP Address is by default 192.168.5.163
- The Subnet Mask is by default 255.255.255.0
- The Default Gateway is the IP Address of your Router which your camera will be connected to. In the example below the Default Gateway’s default IP Address is 192.168.1.1. In this example it is not changed
- The Mac Address should not be changed
- Remember to press “Save”

The screenshot displays the VIVOLINK configuration web interface. On the left, a 'Configurations' sidebar lists various settings categories: Audio Configure, Video Configure (expanded), Video Encode, Stream Publish, RTP Multicast, Video Parameters, Video OSD, OSD Font Size, Video Out, NetWork Configure (expanded), Network Port, Ethernet (highlighted), DNS, and ONVIF. The main panel is titled 'Ethernet' and shows the DHCP option selected with a checkmark. Below this, four input fields are visible: IP Address (192.168.1.43), Subnet Mask (255.255.255.0), Default Gateway (192.168.1.1), and MAC Address (E4:77:D4:05:F0:13). A 'Save' button is located at the bottom right of the main panel.

**4.**

Under the “Ethernet” menu you can select “DNS”. Type in the IP Address of the router in the “Preferred DNS Server” field. If you have an Alternative DNS Server you can fill it in here. Press “Save”.



The screenshot shows a web interface for configuring DNS settings. It has a title "DNS" in bold. Below the title, there are two input fields. The first is labeled "Preferred DNS Server" and contains the text "192.168.1.1". The second is labeled "Alternative DNS Server" and contains the text "197.84.84.84". Below these fields is a button with a floppy disk icon and the text "Save".

**NOTE:**

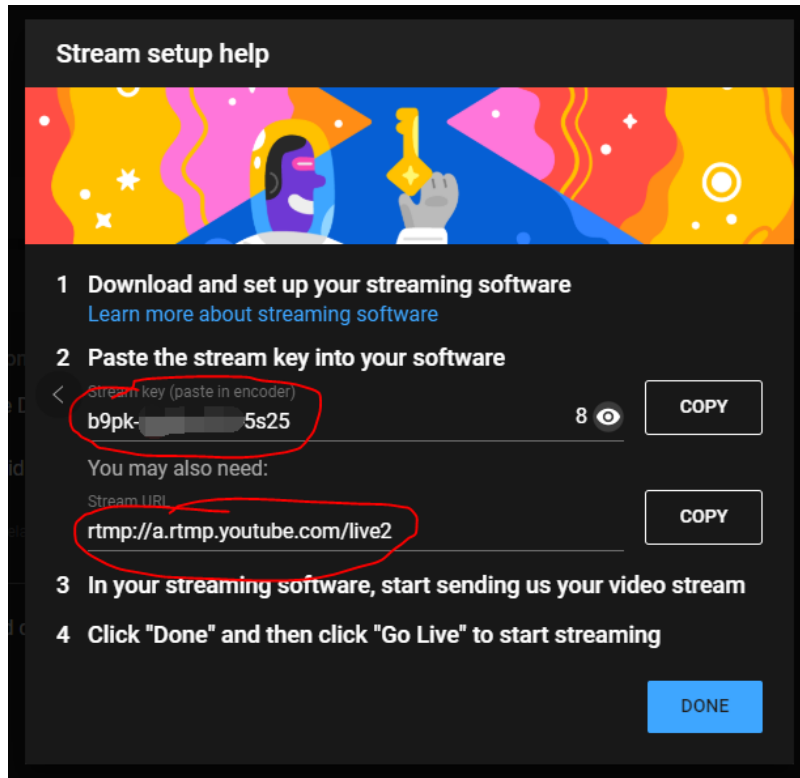
To find your DNS Server info, you can look it up in the Network Settings on your PC or MAC. DNS Server info can be found when logged in to your router.

**Important:** If you have made a static IP Address on your camera and you have forgotten the IP, you can reset the IP Address to the default by typing these three keys in below order:

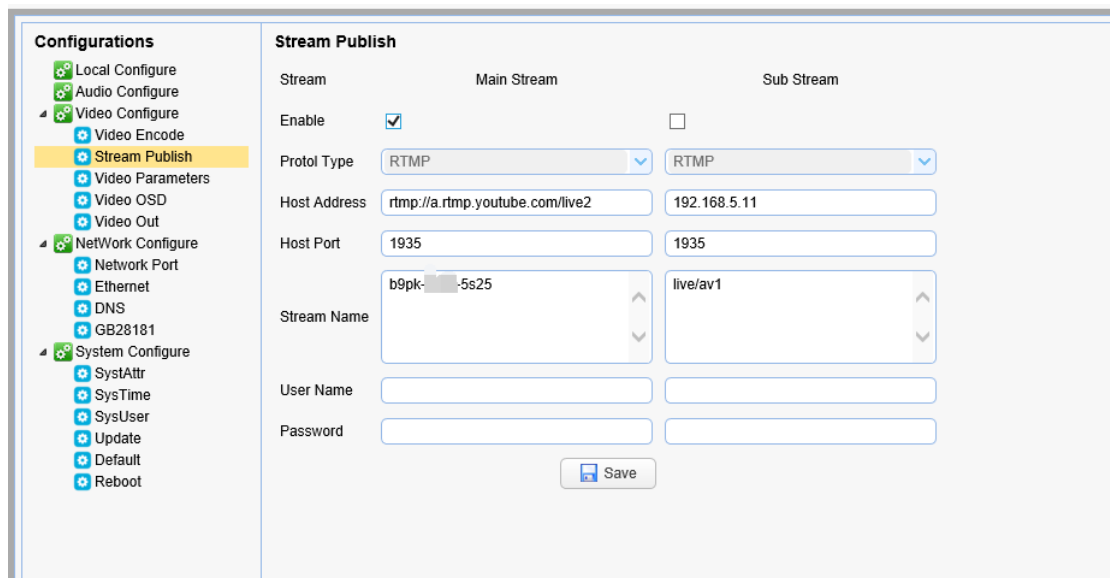
**\* # Manual**

5.

Create an event on YouTube and get the following info from YouTube. Youtube will give you two keys "Stream Key" and "Stream URL".



Fill these two keys into the "Host Address" and "Stream Name" in the camera settings.



**6.**

Youtube may need an open audio stream configuration to push the stream normally. The Audio can be turned ON or OFF from the Youtube streaming platform.

The screenshot displays the 'Audio Configure' settings within the VIVO LINK software. On the left, a 'Configurations' sidebar lists various settings categories: Audio Configure (highlighted), Video Configure, NetWork Configure, and System Configure. The 'Audio Configure' section on the right includes an 'Enable' checkbox which is checked. Below this are dropdown menus for 'Encode Type' (set to AAC), 'Sample Rate' (set to 48000), 'Sample Bits' (set to 16), 'Bit Rate' (set to 64Kbps), and 'Channel' (set to Stereo). An 'Input Volume' slider is positioned at the 5 mark. A 'Save' button is located at the bottom of the configuration panel.

**7.**

Ready to stream! From the Youtube streaming platform you can “Go Live” now. It might take a short while from opening Youtube to get the stream feed preview from your camera.