H.265/H.264
HDMI Video Encoder
Live Broadcasting Guide

Default IP:192.168.1.120, user: admin, password: 12345

Scan the QR code to get the detailed manual, tools and software.

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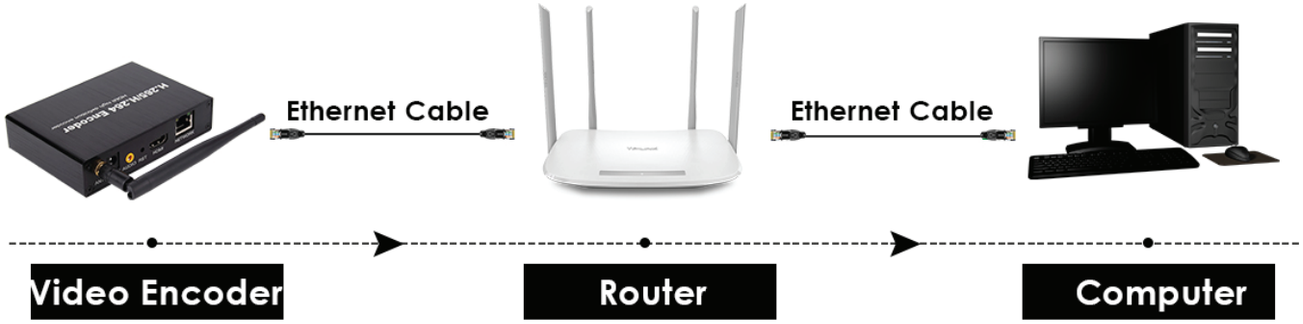
1. Connection Diagram

- Power on encoder and connect it to router via ethernet cable.

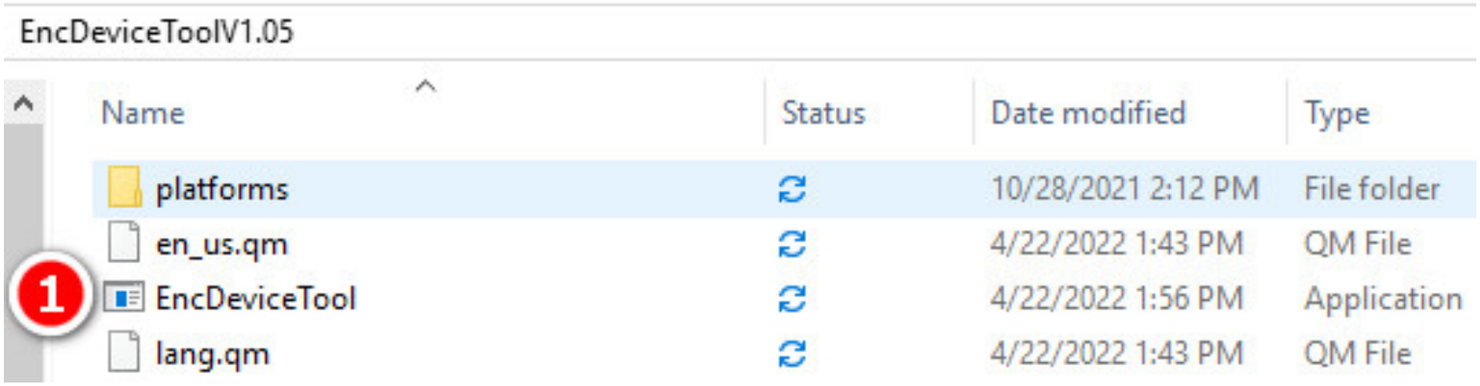


2. Download & Run EncDevice Tool

2.1 Download EncDevice Tool from below link:
https://docs.exvist.com/encoder-pro/tools/EncDeviceTool

2.2 Run IPCManager

- Unzip the file you downloaded from the above link

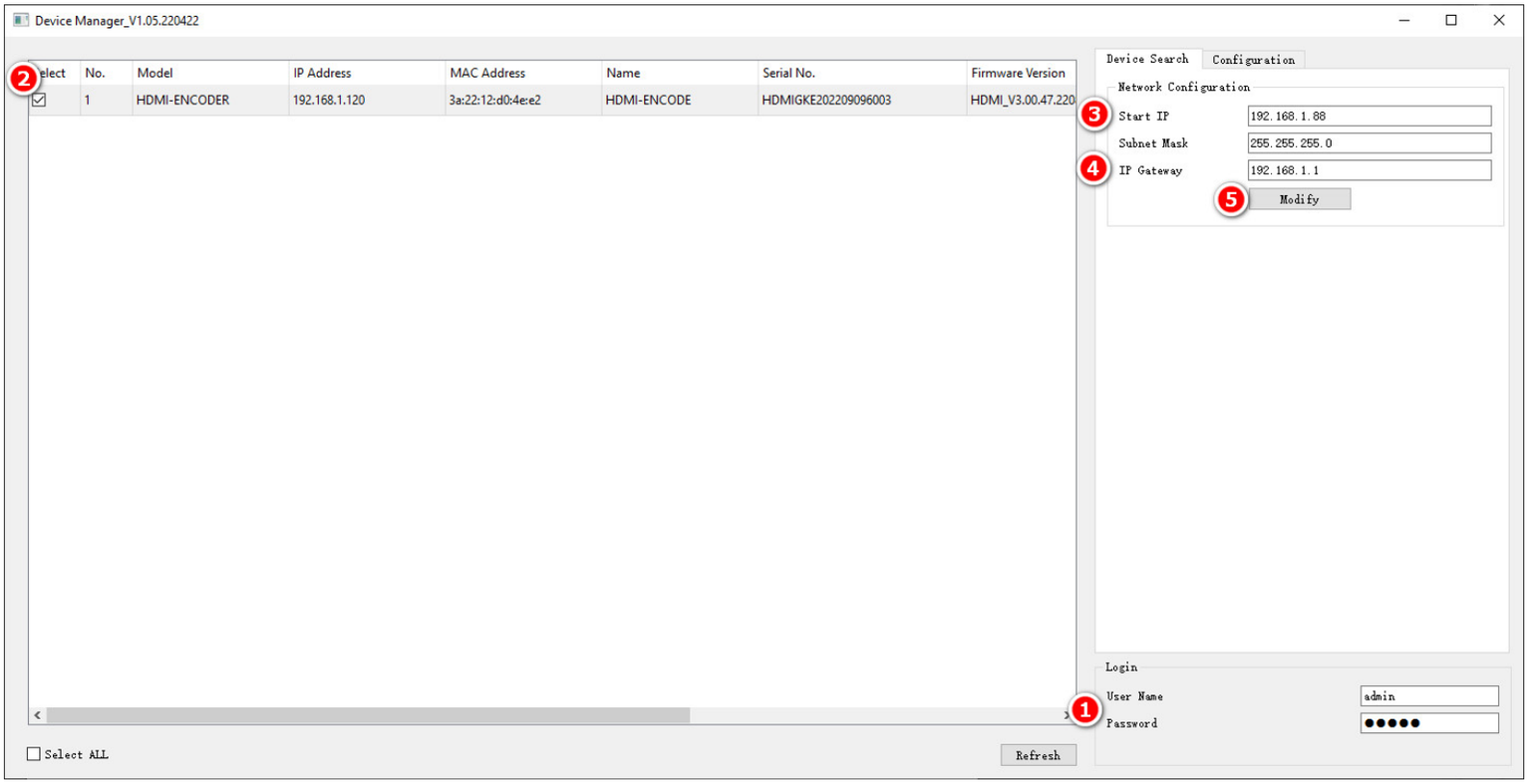


2.3 Download & Upgrade Firmware(If required)

- https://docs.exvist.com/encoder-pro/upgrade/download-firmware
- https://docs.exvist.com/encoder-pro/upgrade/upgrade-firmware
- ActiveX: https://docs.exvist.com/encoder-pro/tools/activex

3. Configure IP Address of Video Encoder via EncDevice Tool

- Run EncDevice Tool (Double Click “EncDeviceTool.exe”)
- Enter username & password (admin & 12345 by default)
- Select the encoder you would like to access and set
- Enter IP like 192.168.X.XX if not on the same network segment
- Enter Gateway like 192.168.X.1 and Click “Modify”



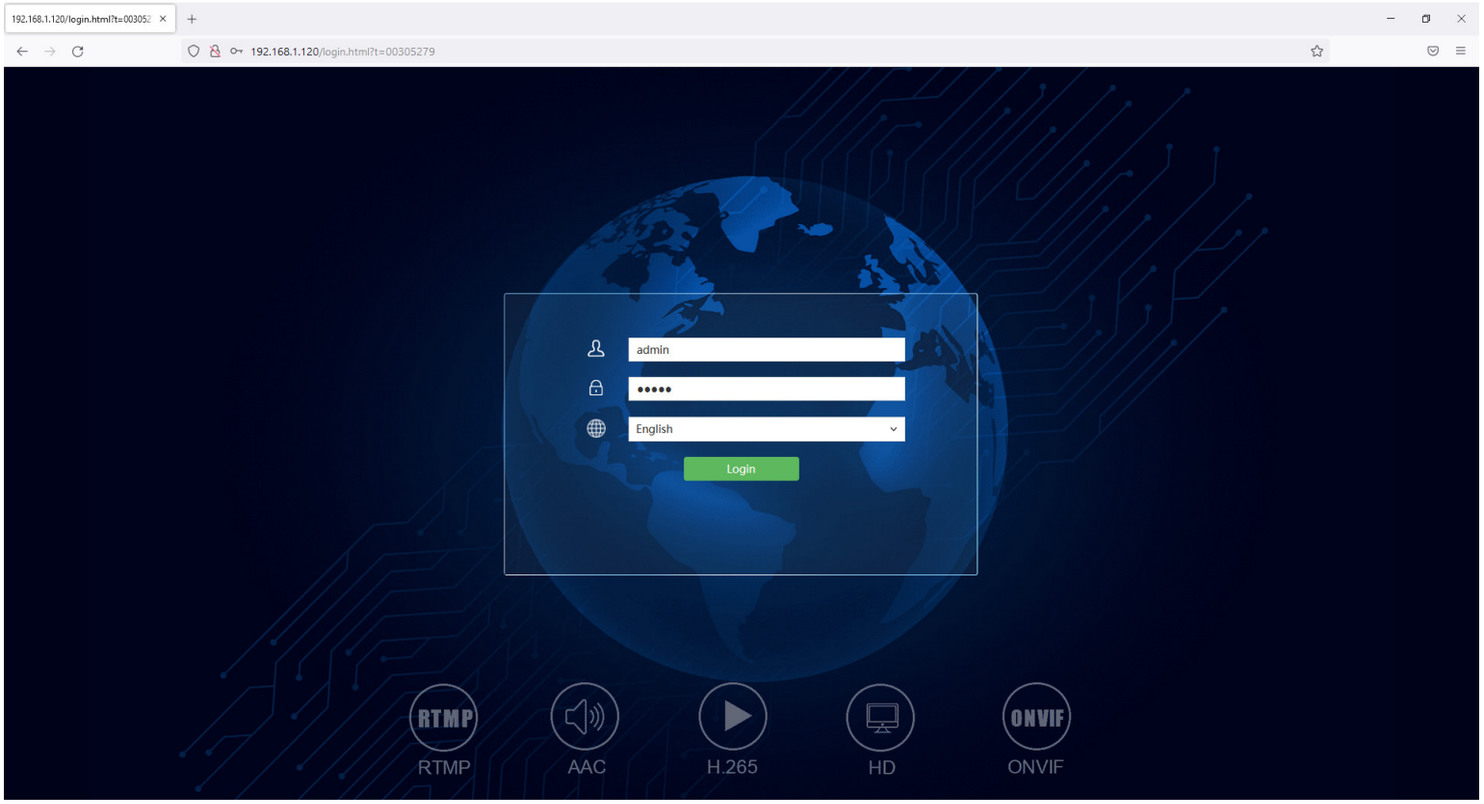
NOTE: Before entering the IP address, please go to WIN+R->CMD-> ipconfig/all->Scroll down to Ethernet Adapter and check the IP address like 192.168.X.97 of your PC, then it’ll be okay to enter the IP like 192.168.X.96 for the encoder and click “Modify”, generally it’s on the same network segment and okay to access the encoder.

4. Access Encoder from a Browser

4.1 Start a browser like Chrome, Firefox(Chrome Recommended).

4.2 Enter the IP address you configured above via IPCManager

4.3 Enter username (admin) and password (12345 by default).

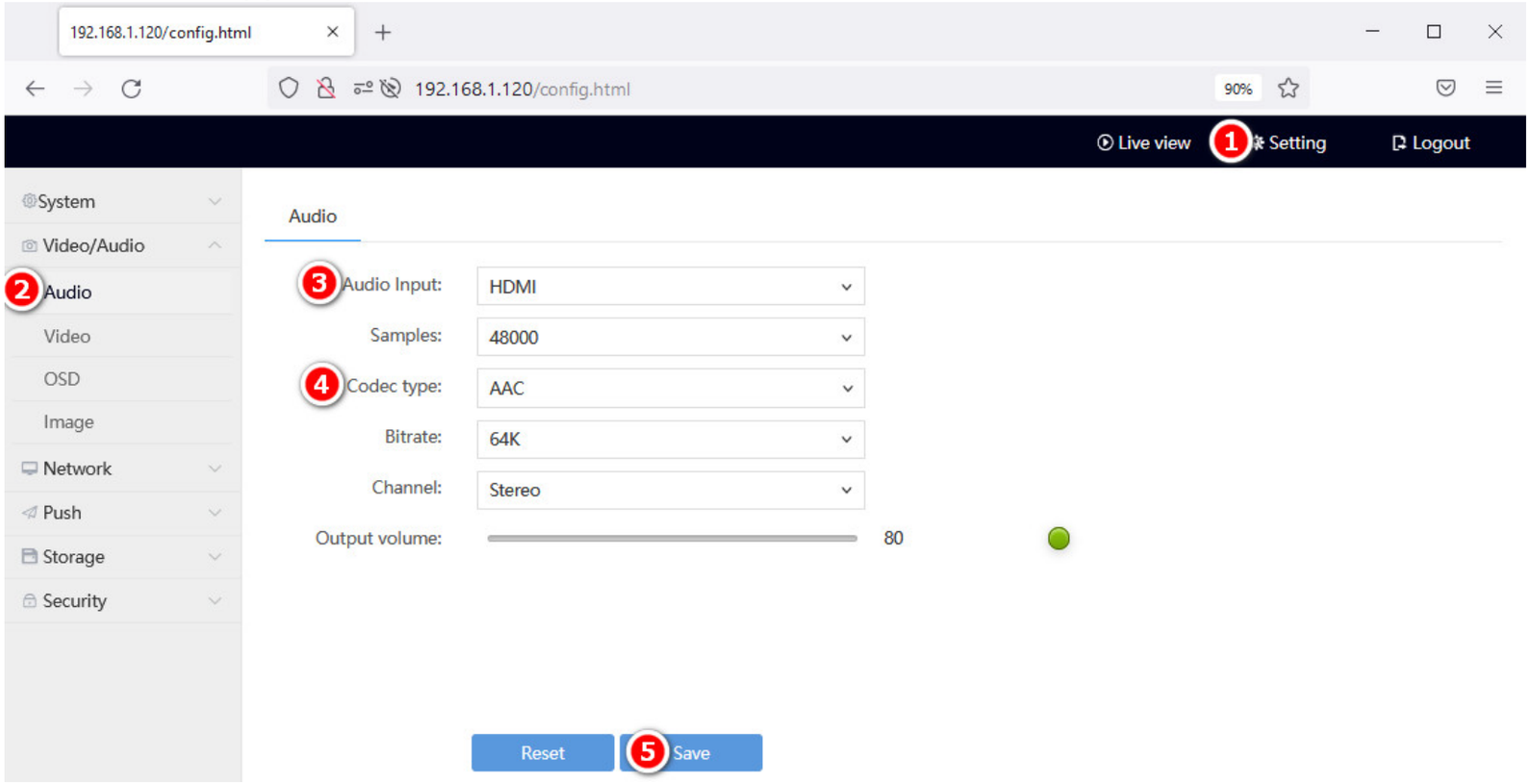


4.4 Click “Login” and the Preview page opens in your browser

5. Configure Parameters of Audio

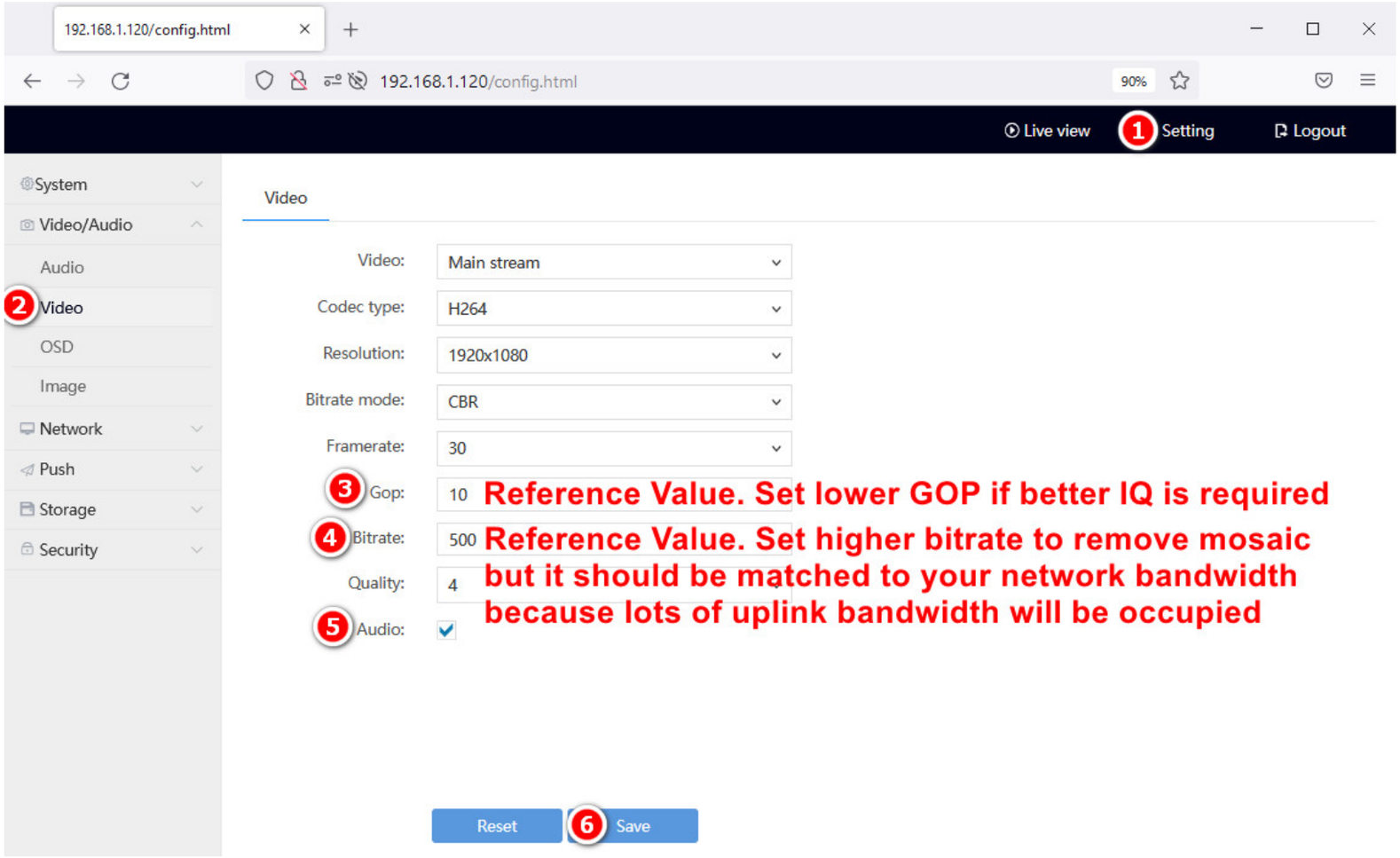
5.1 Set Basic Parameters

- Go to Setting-->Video/Audio-->Audio
- Audio Input set as HDMI or Line in (Line in applicable for audio input externally instead of by HDMI)
- Code type set as AAC and then click "Save"

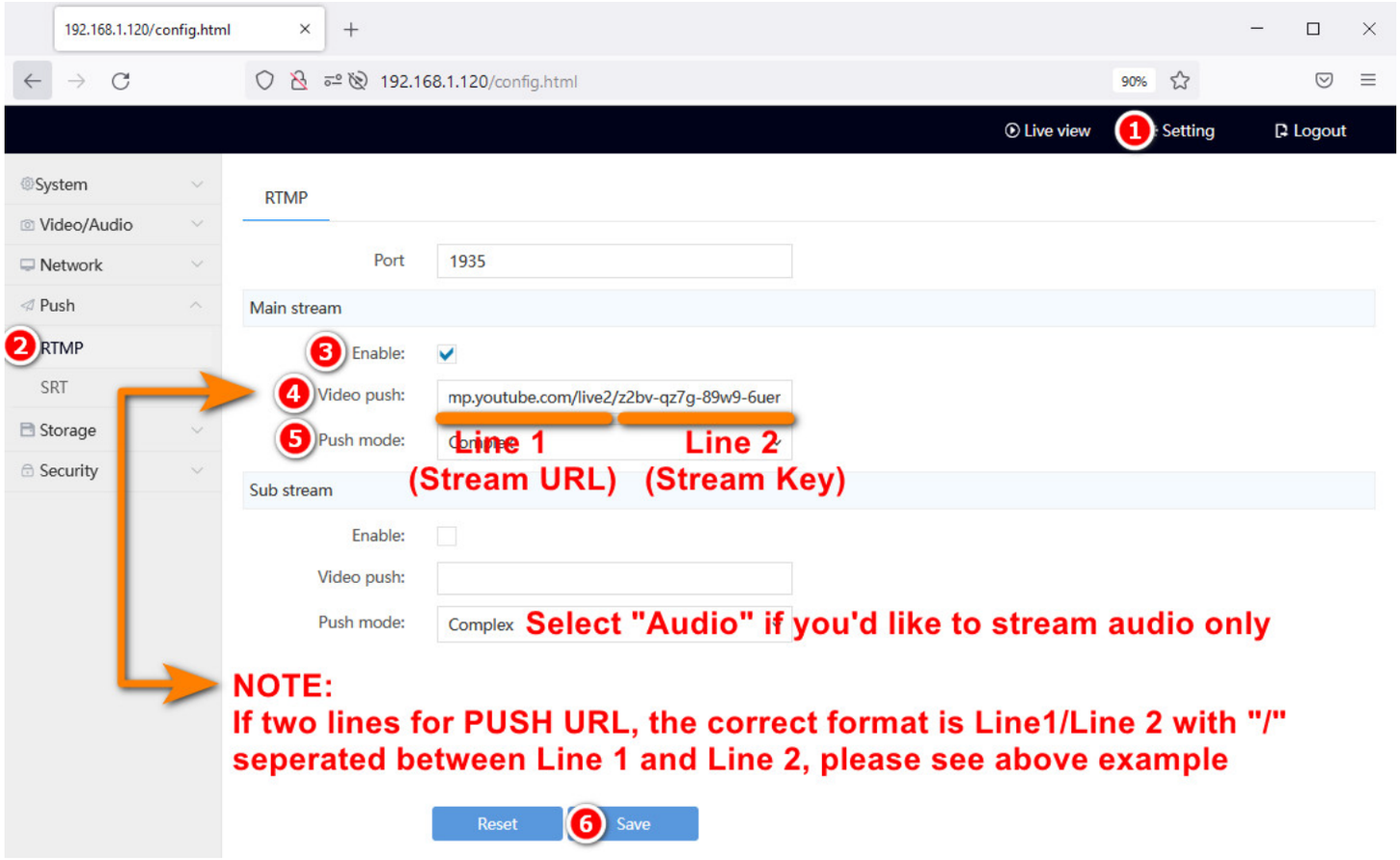


6. Configure Parameters for Video

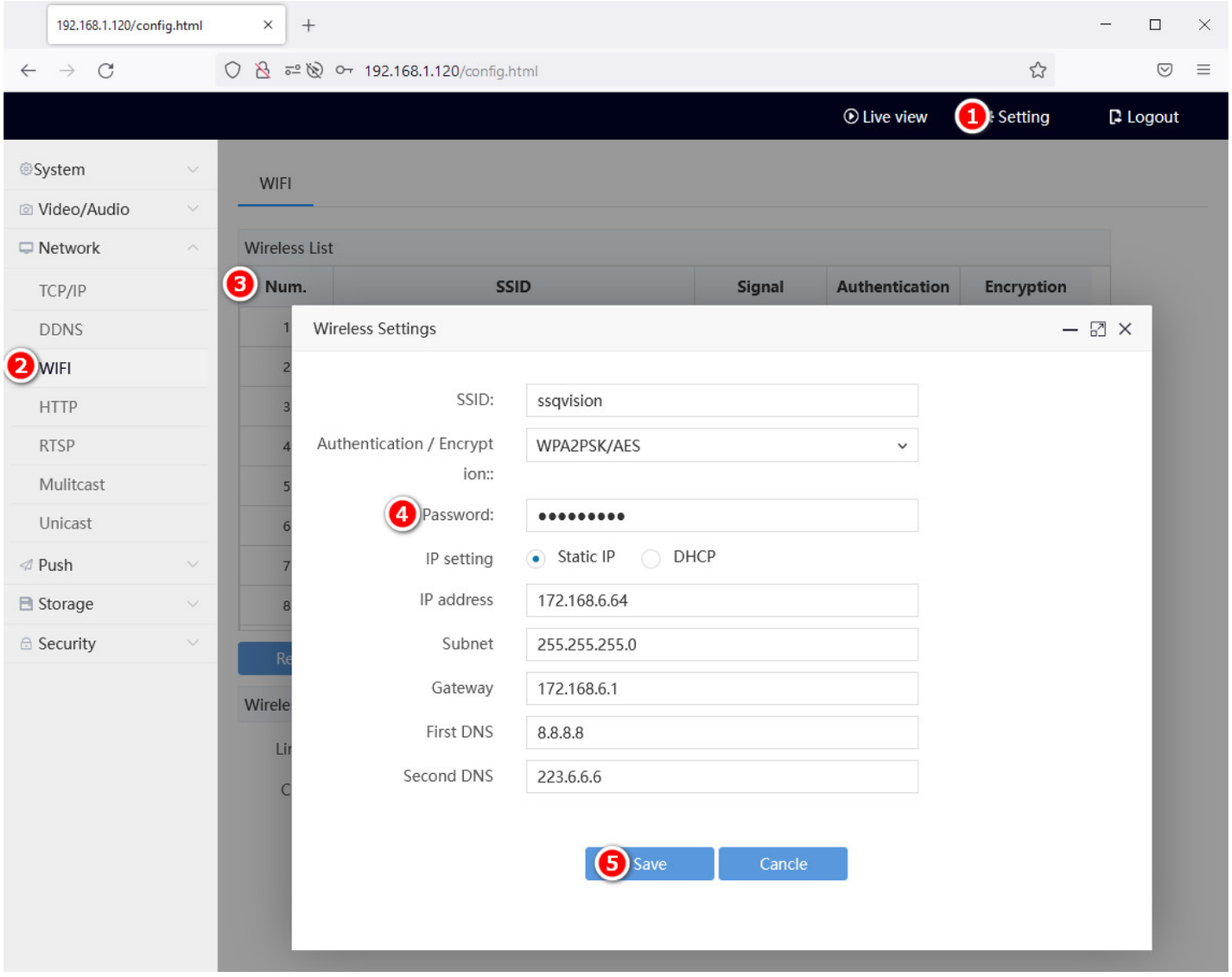
- Go to Setting-->Video/Audio-->Video
- Key Interval set as 10(Reference Value)
- Bitrate set as 500(Reference Value)
- Remember to check the checkbox of Audio



7. Configure RTMP Address (Take YouTube As Example)
   - Go to Setting-->Network-->RTMP-->Enable(True)
   - Enter Push URL: copy Stream URL and Stream Key from YouTube Studio into column of Push URL below



8. Configure Wireless Connection(Only Available for WiFi Encoders)
   - Go to Setting-->Network-->WiFi-->Double Click Trusted SSID
   - Enter correct password to SSID and Click “Save”
   - Refresh and Link Status will be shown “Connected” below which means it’s already connected to WiFi. If disconnected, please try it again or check whether MAC address of this encoder is in the whitelist of your router.



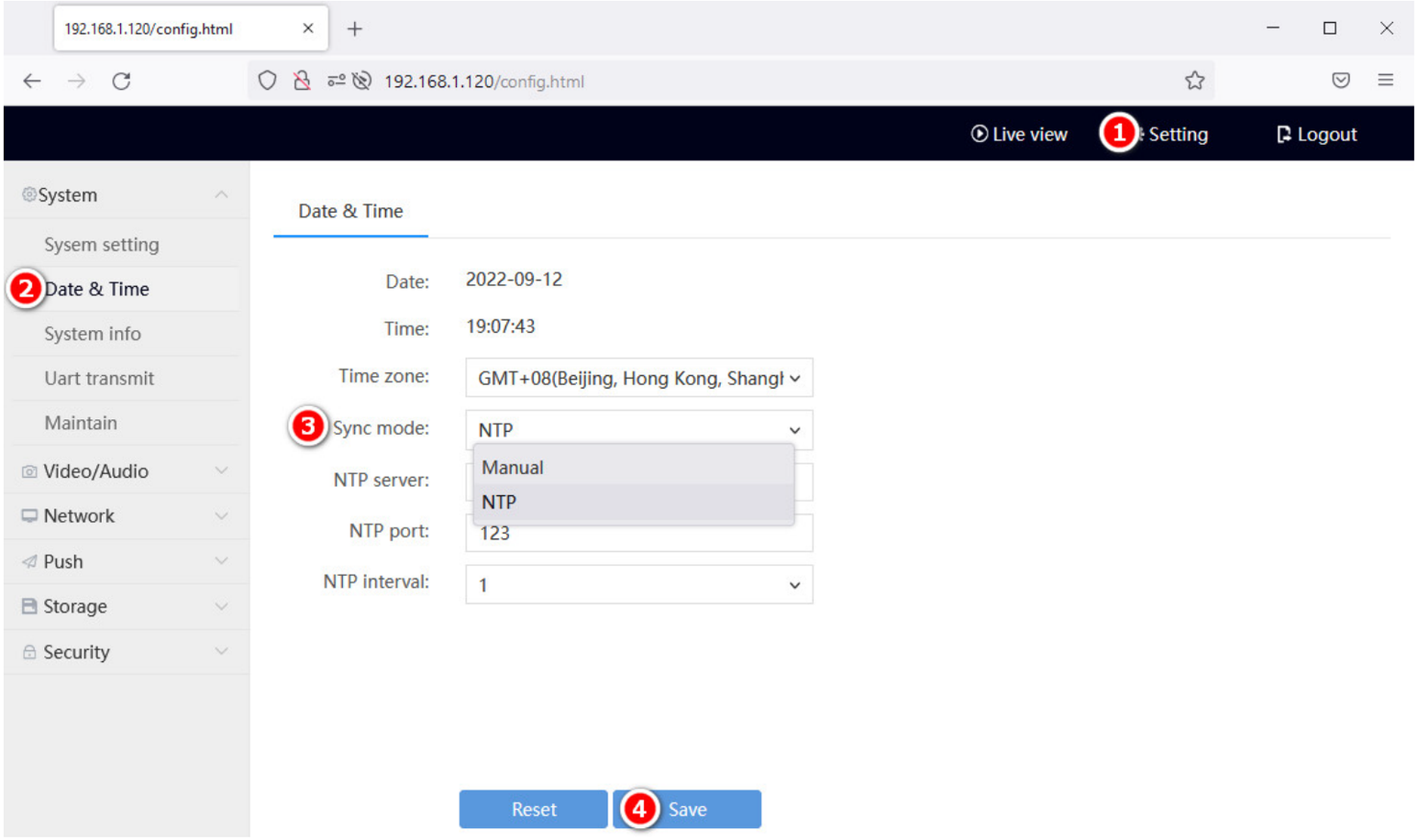
NOTE: It's necessary to plug out the ethernet cable and power off the encoder to reboot it to make WiFi valid.

9. Record and View Video(Only Available for Encoders with SD Card Slot)

9.1 Set Date & Time

- Go to Setting->System->Date&Time
- Select NTP or Manual from Sync Mode

- Or Select"Manual" ->Check the checkbox of Sync with PC

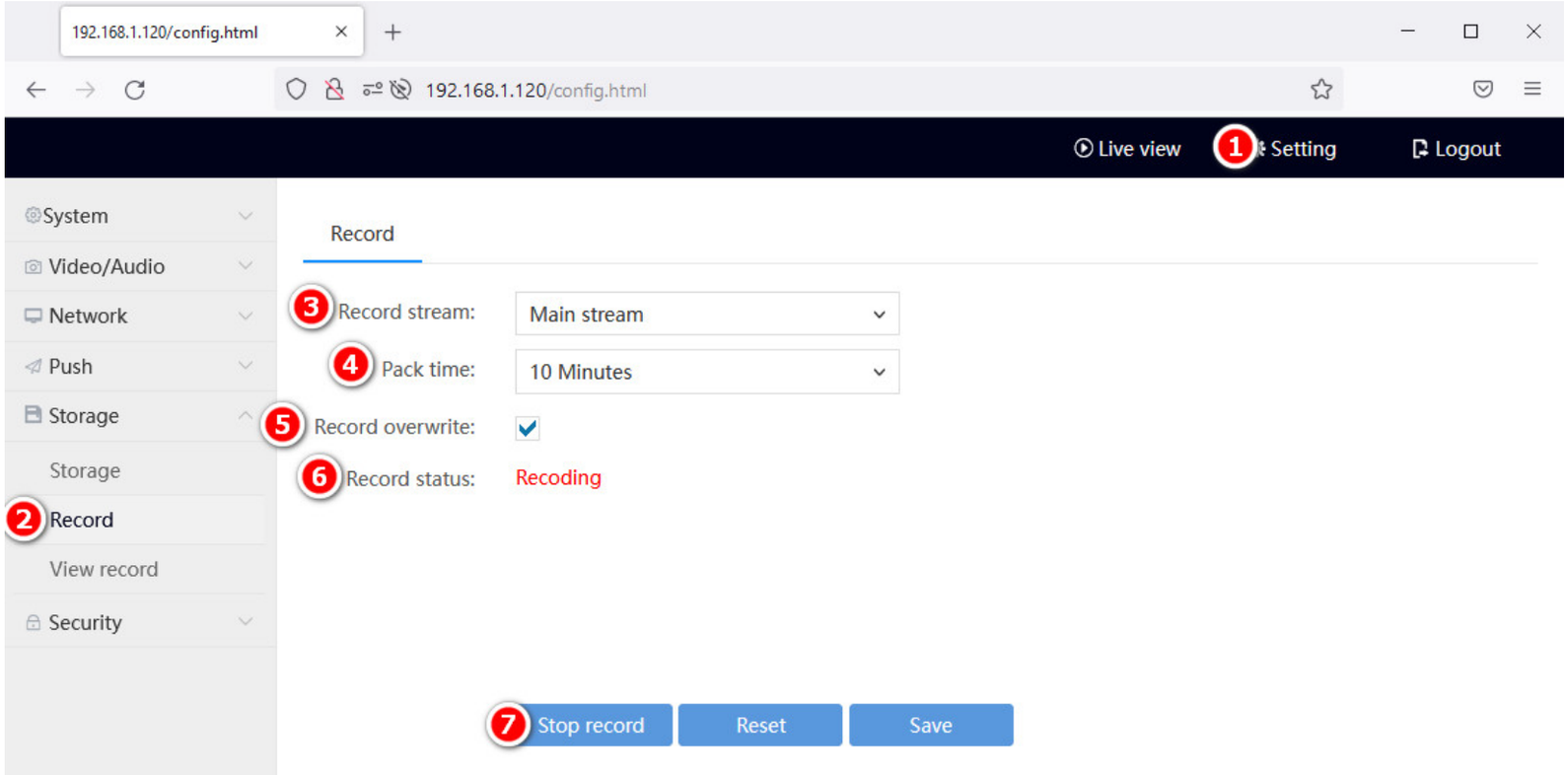


NOTE: It's necessary to set date and time no matter whether it's synchronized with the PC time or manually set, or else the below recording won't be valid and searched.

9.2 Record Video

- Go to Setting-->Storage-->Click "Storage"-->Insert SD card
- Refresh to check if SD card can be detected and format it

- Go to Record-->Select Main or Sub Stream-->Pack Time
- Click “Start Recording” and it’s turn to “Stop Recording”
- Check “Record Status” whether it’s shown “Recording”

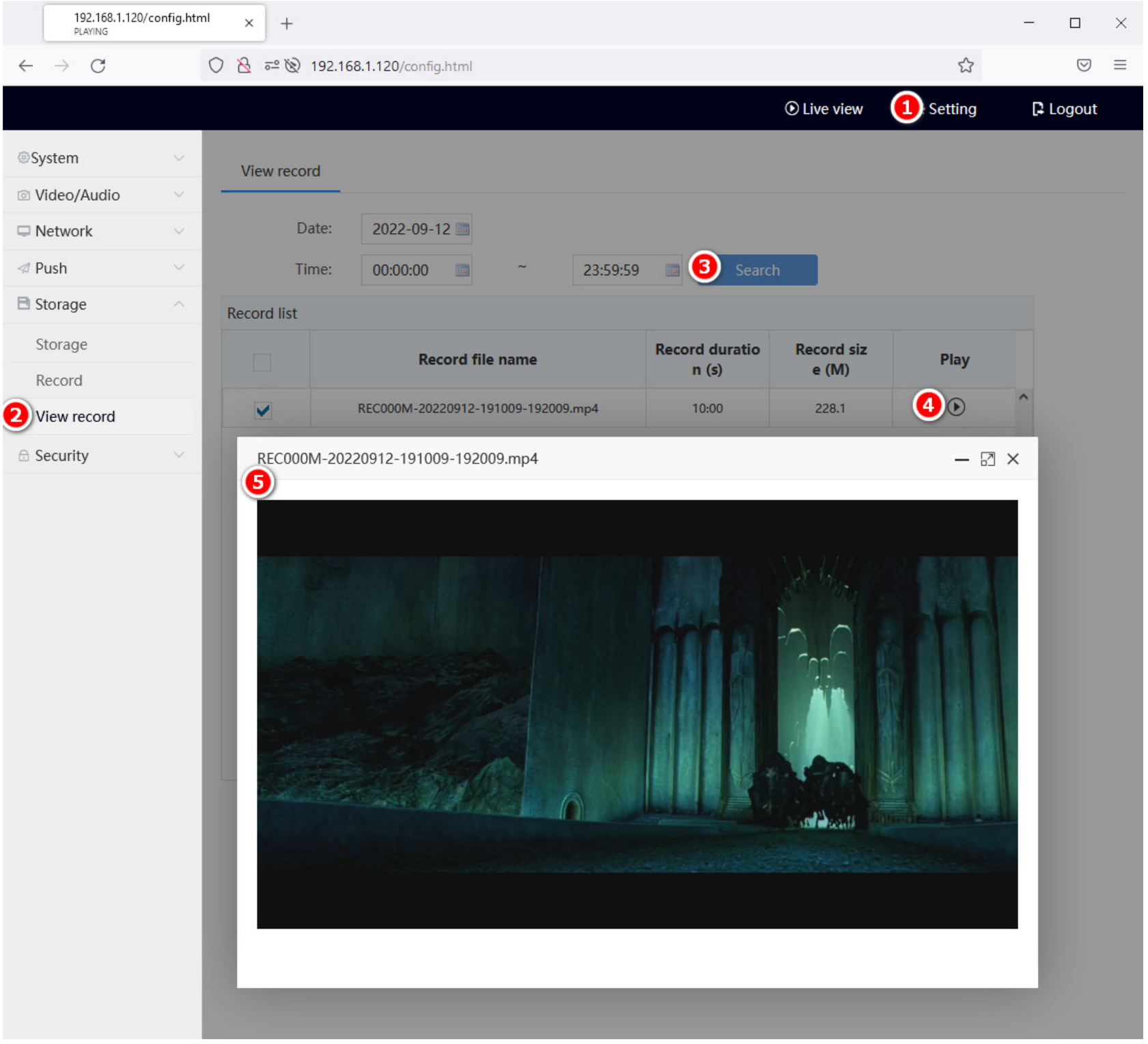


NOTE: As well it’ll be easier to press RES/REC button for 1 second to start recording or stop recording.

9.3 View Video

- Go to Setting-->Store-->View Record
- Select Date & Time -->Search-->All recordings will be listed
- Click “Play”-->Video will be played after loading

NOTE: it’s recommended to click videos with durations for 10/20/30 minutes to play, or else it won’t be loaded successfully.



- Select video-->Click “Download” if you’d like to download it

10. Technical Support

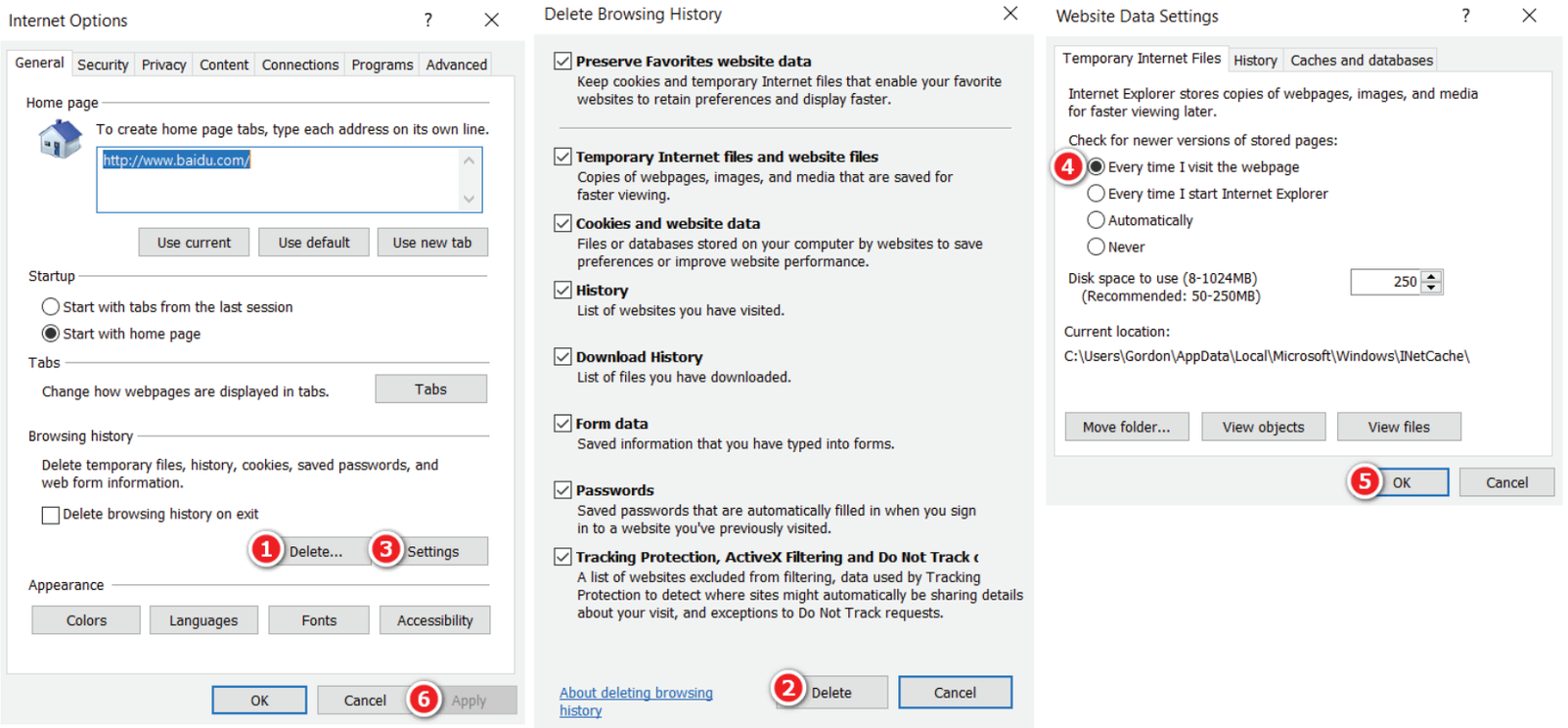
Any question, it's strongly recommended to describe your issue and start a chat or follow the guides to automatically submit a support ticket in our official website (www.exvist.com) or help center (https://support.exvist.com) or contact us directly through below ways:

- Contact: Gordon Lau, Skype: wyliu007
- WhatsApp: +86-18718773735(Ticket) or +86-18923798767(Support)
- Email: support@exvist.com, info@exvist.com

11. FAQ

11.1 Why are settings set in IE (Internet Explorer) not saved?

A: It's necessary to clear cache after setting the parameters in IE, or else all settings will not be valid; If you wouldn't like to clear cache, it's recomme -nded to use Google Chrome instead, it will be valid immediately after clicking Save button. How should we clear cache in IE? Please see 1.3 or below screenshot:



11.2 Why cannot we stream live video to YouTube via WiFi encoder?

A: First of all, please take it easy and follow below steps to use the WiFi encoder: a. connect it to your local network via ethernet cable; b. connect it to WiFi by clicking the corresponding SSID of WiFi, enter password and save it to connect to WiFi; c. plug out the ethernet cable and make sure that it's connected to WiFi only; d. power it off and reboot it;

NOTE: When streaming live video to YouTube or other media servers, it's only supported to do that either wired connection or wireless connection, or else it doesn't work if both connected. Besides, if you would like to switch the method of pushing video from wired to wireless, it's necessary to plug out the Ethernet cable and power off to reboot the encoder first, then it will be changed to wirelessly push stream.

11.3 Why cannot we still stream video to YouTube when all settings are correct especially under wireless connection?

A: Please check if DNS is set correctly.

• In America, it's recommended to use default DNS 8.8.8.8.

• In EU, it's recommended to use the DNS obtained from ISP(Internet Service Provider). Besides, the DNS of your local largest ISPs or other DNS like Google in EU.

• For other regions, it's recommended to use the DNS

obtained from ISP(Internet Service Provider). Besides, the DNS of your local largest ISPs or other DNS like Google at your local place.

NOTE: If possible, you can also try the settings with primary DNS as 192.168.x.1 and leave secondary DNS as blank.

11.4 Why does it show Video Loss in the page of preview?

A: It should have images when previewing as long as there is video signal input from HDMI. How should we tell whether it has video signal input from HDMI? It can be viewed from Configuration->System->System Status, if there is signal input from HDMI, Video input will be shown 1920*1080@60HZ and Audio input will be shown PCM 2CH 48000HZM; if no signal from HDMI, it will be blank for Video input and Audio input or just Video input will be shown 1920*1080@30HZ.

FCC Warnning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.