



# AVMATRIX SE1217 HDMI Streaming Encoder User Manual

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**AVMATRIX SE1217 HDMI Streaming Encoder**



## Specifications

- **Connections:** Video, Analog Audio, Network
- HDMI In Format Support
- Video Coding
- Video Bitrate
- Audio Coding
- Audio Bitrate
- Encoding Resolution
- Encoding Frame Rate
- Network Protocols
- Configuration Management
- Consumption
- Temperature
- Dimension (LWD)
- Weight
- Accessories

## Product Information

### Brief Introduction

The HDMI Streaming Encoder (SE1217) is a HD audio and video encoder that can encode and compress HDMI video and audio sources into an IP stream. It can then transmit the stream to a streaming media server via a network IP address for live broadcasting on platforms like Facebook, YouTube, Ustream, Twitch, Wowza, etc.

## Overview

The SE1217 is designed to provide high-quality audio and video streaming capabilities. It supports various network protocols for easy configuration and management. With its compact design and multiple interfaces, it offers flexibility in connecting to different devices.

## Main Features

- HD audio and video encoding
- HDMI input with loop-out
- LAN port for streaming
- LED indicator and reset button
- Support for multiple network protocols
- Web configuration and remote upgrade

## USING THE UNIT SAFELY

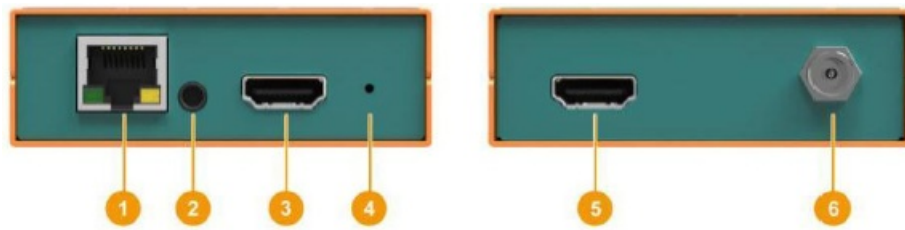
Before using this unit, please read below warnings and precautions which provide important information concerning the proper operation of the unit. Besides, to ensure that you have gained a good grasp of every feature of your new unit, read the below manual. This manual should be saved and kept on hand for further convenient reference.

## Warning and Cautions

- To avoid falling or damage, please do not place this unit on an unstable cart, stand, or table.
- Operate the unit only on the specified supply voltage.
- Disconnect the power cord by connector only. Do not pull on the cable portion.
- Do not place or drop heavy or sharp-edged objects on the power cord. A damaged cord can cause fire or electrical shock hazards. Regularly check the power cord for excessive wear or damage to avoid possible fire / electrical hazards.
- Ensure the unit is always properly grounded to prevent electrical shock hazards.
- Do not operate the unit in hazardous or potentially explosive atmospheres. Doing so could result in fire, explosion, or other dangerous results.
- Do not use this unit in or near water.
- Do not allow liquids, metal pieces, or other foreign materials to enter the unit.
- Handle with care to avoid shocks in transit. Shocks may cause malfunction. When you need to transport the unit, use the original packing materials, or alternate adequate packing.
- Do not remove covers, panels, casing, or access circuitry with power applied to the unit. Turn the power off and disconnect the power cord before removal. Internal servicing/adjustment of units should only be performed by qualified personnel.
- Turn off the unit if an abnormality or malfunction occurs. Disconnect everything before moving the unit.

**Note:** due to constant efforts to improve products and product features, specifications may change without notice.

## Interfaces



1. LAN Port for Streaming
2. AUDIO Input
3. HDMI Input
4. LED Indicator/RESET hole (Long press 5s)
5. DC 12V In
6. HDMI Loopout

## **SPECIFICATIONS**

<b>CONNECTIONS</b>	
Video	Input: HDMI Type A ×1; Loop Out: HDMI Type A ×1
Analog Audio	3.5mm line in ×1
Network	RJ-45×1(100/1000Mbps self-adaptive Ethernet)
<b>STANDARDS</b>	
HDMI In Format Support	1080p 60/59.94/50/30/29.97/25/24/23.98/23.976, 1080i 50/59.94/60, 720p 60/59.94/50/30/29.97/25/24/23.98, 576i 50, 576p 50, 480p 59.94/60, 480i 59.94/60
Video Coding	Stream encode protocol
Video Bitrate	16Kbps ~ 12Mbps
Audio Coding	ACC/ MP3/ MP2/ G711
Audio Bitrate	24Kbps ~ 320Kbps
Encoding Resolution	1920×1080, 1680×1056, 1280×720, 1024×576, 960×540, 850×480, 720×576, 720×540, 720×480, 720×404, 720×400, 704×576, 640×480, 640×360
Encoding Frame Rate	5-60fps
<b>SYSTEMS</b>	
Network Protocols	HTTP, RTSP, RTMP, RTP, UDP, Multicast, Unicast, SRT
Configuration Management	Web configuration, Remote upgrade
<b>OTHERS</b>	
Consumption	5W
Temperature	Working temp: -10°C~60°C, Storage temp: -20°C~70°C
Dimension (LWD)	104×75.5×24.5mm
Weight	Net weight: 310g, Gross weight: 690g
Accessories	12V 2A power supply; Mounting bracket for optional

## OPERATIONS GUIDE

### Network Configuration and Login

Connect the encoder to the network via a network cable. The default IP address of the encoder is 192.168.1.168. The encoder can auto-obtain a new IP address when it is using DHCP on the network, Or disable DHCP and configure the encoder and computer's network in the same network segment. The default IP address as below.

- **IP Address:** 192.168.1.168
- **Subnet Mask:** 255.255.255.0
- **Default Gateway:** 192.168.1.1

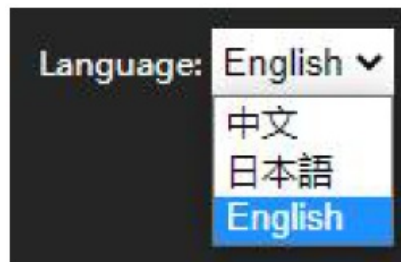
Visit the encoder's IP address 192.168.1.168 through an Internet browser to log in to the WEB page for setting up. The default Username is admin, and password is admin.

## Management Web Page

The encoding settings can be set on the encoder management web page.

## Language Settings

There are languages of Chinese, Japanese, and English options on the top-right corner of the encoder management web page.



## Device Status

The status of MAIN STREAM and SUB STREAM can be checked on the web page. And we also can have a preview on the streaming video from PREVIEW VIDEO.



DEVICE STATUS

NETWORK SETTINGS

MAIN STREAM SETTINGS

SUB STREAM SETTINGS


AUDIO AND EXTENSION

SYSTEM SETTINGS

MAIN STREAM

SUB STREAM

PREVIEW VIDEO



RTMP-HLS Stream: Enable

RTMP-HLS Mode: Video & Audio

RTMP Access Address: rtmp://192.168.123.225:1935/hls/hd-live

HLS Access Address: http://192.168.123.225:8235/hls/hd-live.m3u8

Apply

## Network Settings

The network can be set to dynamic IP (DHCP Enable) or static IP (DHCP Disable). The default IP information can be checked in Part 3.1.

DEVICE STATUS

NETWORK SETTINGS

MAIN STREAM SETTINGS

SUB STREAM SETTINGS

AUDIO AND EXTENSION

SYSTEM SETTINGS

NETWORK

DHCP: Enable

IP Address: 192.168.123.225

Netmask: 255.255.255.0

Gateway: 192.168.123.1

DNS1: 223.5.5.5

DNS2: 114.114.114.114

MAC: 50:10:2C:B3:00:AB

Apply

## Main Stream Settings

The mainstream can be set to mirror image and upside-down image from the MAIN PARAMETER tab. Configure main stream network protocol RTMP/ HTTP/ RTSP/UNICAST /MULTICAST/ RTP/ SRT accordingly. Please note that only one HTTP/RTSP/ UNICAST /MULTICAST/ RTP can be enabled at the same time.

DEVICE STATUS

NETWORK SETTINGS

MAIN STREAM SETTINGS

SUB STREAM SETTINGS

AUDIO AND EXTENSION

SYSTEM SETTINGS

MAIN PARAMETER

RTMP

HTTP

RTSP

UNICAST

MULTICAST

RTP

SRT

Stream Protocol:

H.264

Mirror Image:

Enable

Upside-down Image:

Enable

Aspect Ratio:

Auto

Bitrate Control:

VBR

Keyframe Interval:

30

[5-200]

Encode Resolution:

Auto

H.264 Profile:

Main profile

Encoding Frame Rate:

25

[5-60]

MinQp:

5

[1-51]

MaxQp:

32

[MinQp-51]

MaxBitrate:

3200

[16-12000]

Package:

FFmpeg

Buffer Mode:

188x7

Apply

DEVICE STATUS

NETWORK SETTINGS

MAIN STREAM SETTINGS

SUB STREAM SETTINGS

AUDIO AND EXTENSION

SYSTEM SETTINGS

MAIN PARAMETER

RTMP

HTTP

RTSP

UNICAST

MULTICAST

RTP

SRT

RTMP Mode:

Enable

RTMP Method:

URL Mode

RTMP Content:

Video & Audio

RTMP URL:

rtmp://a.rtmp.youtube.com/live2/a59x-nwht-3fgy-wsww-dm9u

Apply

DEVICE STATUS

NETWORK SETTINGS

MAIN STREAM SETTINGS

SUB STREAM SETTINGS

AUDIO AND EXTENSION

SYSTEM SETTINGS

MAIN PARAMETER

RTMP

HTTP

RTSP

UNICAST

MULTICAST

RTP

SRT

HTTP:

Enable

HTTP Path:

/hdm1

Start with "/"

HTTP Port:

80

[1-65535]

Apply



<div>DEVICE STATUS</div> <div>NETWORK SETTINGS</div> <div>MAIN STREAM SETTINGS</div> <div>SUB STREAM SETTINGS</div> <div>AUDIO AND EXTENSION</div> <div>SYSTEM SETTINGS</div>	MAIN PARAMETER	RTMP	HTTP	RTSP	UNICAST	MULTICAST	RTP	SRT
	RTSP: <input type="text" value="Enable"/>							
	RTSP Path: <input type="text" value="/hdmr"/> <small>Start with "/"</small>							
	RTSP Port: <input type="text" value="554"/> <small>[1-65535]</small>							
	RTSP Authentication: <input type="text" value="Disable"/>							
	RTSP Content: <input type="text" value="Video &amp; Audio"/>							
RTSP TCP: <input type="text" value="UDP"/>								
TTL: <input type="text" value="16"/> <small>[0-255]</small>								
<input type="button" value="Apply"/>								

<div>DEVICE STATUS</div> <div>NETWORK SETTINGS</div> <div>MAIN STREAM SETTINGS</div> <div>SUB STREAM SETTINGS</div> <div>AUDIO AND EXTENSION</div> <div>SYSTEM SETTINGS</div>	MAIN PARAMETER	RTMP	HTTP	RTSP	UNICAST	MULTICAST	RTP	SRT
	Unicast: <input type="text" value="Enable"/>							
	Unicast IP: <input type="text" value="192.168.1.200"/> <small>[Support domain or IP format]</small>							
	Unicast Port: <input type="text" value="1234"/> <small>[1-65535]</small>							
	<input type="button" value="Apply"/>							

<div>DEVICE STATUS</div> <div>NETWORK SETTINGS</div> <div>MAIN STREAM SETTINGS</div> <div>SUB STREAM SETTINGS</div> <div>AUDIO AND EXTENSION</div> <div>SYSTEM SETTINGS</div>	MAIN PARAMETER	RTMP	HTTP	RTSP	UNICAST	MULTICAST	RTP	SRT
	Multicast: <input type="text" value="Enable"/>							
	Multicast IP: <input type="text" value="238.0.0.1"/>							
	Multicast Port: <input type="text" value="1234"/> <small>[1-65535]</small>							
	<input type="button" value="Apply"/>							

<div>DEVICE STATUS</div> <div>NETWORK SETTINGS</div> <div>MAIN STREAM SETTINGS</div> <div>SUB STREAM SETTINGS</div> <div>AUDIO AND EXTENSION</div> <div>SYSTEM SETTINGS</div>	MAIN PARAMETER	RTMP	HTTP	RTSP	UNICAST	MULTICAST	RTP	SRT
	RTP : <input type="text" value="Enable"/>							
	RTP Server IP: <input type="text" value="192.168.1.123"/>							
	RTP Port: <input type="text" value="6666"/> <small>[1-65535]</small>							
	<input type="button" value="Apply"/>							

<div>DEVICE STATUS</div> <div>NETWORK SETTINGS</div> <div>MAIN STREAM SETTINGS</div> <div>SUB STREAM SETTINGS</div> <div>AUDIO AND EXTENSION</div> <div>SYSTEM SETTINGS</div>	MAIN PARAMETER	RTMP	HTTP	RTSP	UNICAST	MULTICAST	RTP	SRT
	SRT: <input type="text" value="Enable"/>							
	SRT Method: <input type="text" value="Listener"/>							
	Encryption: <input type="text" value="Enable"/>							
	Password: <input type="text" value=""/> <small>[Password length:10-16]</small>							
	Listener Port: <input type="text" value="9000"/>							
Latency: <input type="text" value="0"/> <small>[Unit:ms]</small>								
<input type="button" value="Apply"/>								

## Sub Stream Settings

Configure substream network protocol RTMP/ HTTP/ RTSP/ UNICAST/ MULTICAST/ RTP/ SRT accordingly.  
Please note that only one of HTTP/ RTSP/ UNICAST/MULTICAST/ RTP can be enabled at the same time.

<div>DEVICE STATUS</div> <div>NETWORK SETTINGS</div> <div>MAIN STREAM SETTINGS</div> <div>SUB STREAM SETTINGS</div> <div>AUDIO AND EXTENSION</div> <div>SYSTEM SETTINGS</div>	MAIN PARAMETER	RTMP	HTTP	RTSP	UNICAST	MULTICAST	RTP	SRT
	Stream Protocol: <input type="text" value="H.264"/>							
	Aspect Ratio: <input type="text" value="Auto"/>							
	Bitrate Control: <input type="text" value="CBR"/>							
	Encode Resolution: <input type="text" value="1280x720"/>							
	Bitrate: <input type="text" value="3200"/> [16-12000]							
	Fluctuate Level: <input type="text" value="Auto"/>							
H.264 Profile: <input type="text" value="Main Profile"/>								
Encoding Frame Rate: <input type="text" value="25"/> [5-60]								
Buffer Mode: <input type="text" value="188x7"/>								
<div>Apply</div>								

<div>DEVICE STATUS</div> <div>NETWORK SETTINGS</div> <div>MAIN STREAM SETTINGS</div> <div>SUB STREAM SETTINGS</div> <div>AUDIO AND EXTENSION</div> <div>SYSTEM SETTINGS</div>	MAIN PARAMETER	RTMP	HTTP	RTSP	UNICAST	MULTICAST	RTP	SRT
	RTMP: <input type="text" value="Enable"/>							
	RTMP Method: <input type="text" value="URL Mode"/>							
	RTMP Content: <input type="text" value="Video &amp; Audio"/>							
	RTMP URL: <input type="text" value="rtmp://"/>							
	<div>Apply</div>							

<div>DEVICE STATUS</div> <div>NETWORK SETTINGS</div> <div>MAIN STREAM SETTINGS</div> <div>SUB STREAM SETTINGS</div> <div>AUDIO AND EXTENSION</div> <div>SYSTEM SETTINGS</div>	MAIN PARAMETER	RTMP	HTTP	RTSP	UNICAST	MULTICAST	RTP	SRT
	HTTP: <input type="text" value="Enable"/>							
	HTTP Path: <input type="text" value="/hdm1_ext"/> Start with "/"							
	HTTP Port: <input type="text" value="80"/> [1-65535]							
	<div>Apply</div>							

<div>DEVICE STATUS</div> <div>NETWORK SETTINGS</div> <div>MAIN STREAM SETTINGS</div> <div>SUB STREAM SETTINGS</div> <div>AUDIO AND EXTENSION</div> <div>SYSTEM SETTINGS</div>	MAIN PARAMETER	RTMP	HTTP	RTSP	UNICAST	MULTICAST	RTP	SRT
	RTSP: <input type="text" value="Enable"/>							
	RTSP Path: <input type="text" value="/hdm1_ext"/> Start with "/"							
	RTSP Authentication: <input type="text" value="Enable"/>							
	User Name: <input type="text" value="subuse"/> [length:six,letter,num]							
	Password: <input type="text" value="subpsw"/> [length:six,letter,num]							
	RTSP Content: <input type="text" value="Video &amp; Audio"/>							
RTSP Port: <input type="text" value="554"/> [1-65535]								
<div>Apply</div>								

<div>DEVICE STATUS</div> <div>NETWORK SETTINGS</div> <div>MAIN STREAM SETTINGS</div> <div>SUB STREAM SETTINGS</div> <div>AUDIO AND EXTENSION</div> <div>SYSTEM SETTINGS</div>	MAIN PARAMETER	RTMP	HTTP	RTSP	UNICAST	MULTICAST	RTP	SRT
	<div>Unicast: <input type="text" value="Enable"/></div> <div>Unicast IP: <input type="text" value="192.168.1.201"/> [Support domain or IP format]</div> <div>Unicast Port: <input type="text" value="1235"/> [1-65535]</div> <div>Apply</div>							

<div>DEVICE STATUS</div> <div>NETWORK SETTINGS</div> <div>MAIN STREAM SETTINGS</div> <div>SUB STREAM SETTINGS</div> <div>AUDIO AND EXTENSION</div> <div>SYSTEM SETTINGS</div>	MAIN PARAMETER	RTMP	HTTP	RTSP	UNICAST	MULTICAST	RTP	SRT
	<div>Multicast IP: <input type="text" value="Enable"/></div> <div>Multicast IP: <input type="text" value="238.0.0.2"/></div> <div>Multicast Port: <input type="text" value="1235"/> [1-65535]</div> <div>Apply</div>							

<div>DEVICE STATUS</div> <div>NETWORK SETTINGS</div> <div>MAIN STREAM SETTINGS</div> <div>SUB STREAM SETTINGS</div> <div>AUDIO AND EXTENSION</div> <div>SYSTEM SETTINGS</div>	MAIN PARAMETER	RTMP	HTTP	RTSP	UNICAST	MULTICAST	RTP	SRT
	<div>RTP Server IP: <input type="text" value="Enable"/></div> <div>RTP Server IP: <input type="text" value="192.168.1.123"/></div> <div>RTP Port: <input type="text" value="8888"/> [1-65535]</div> <div>Apply</div>							

<div>DEVICE STATUS</div> <div>NETWORK SETTINGS</div> <div>MAIN STREAM SETTINGS</div> <div>SUB STREAM SETTINGS</div> <div>AUDIO AND EXTENSION</div> <div>SYSTEM SETTINGS</div>	MAIN PARAMETER	RTMP	HTTP	RTSP	UNICAST	MULTICAST	RTP	SRT
	<div>SRT: <input type="text" value="Enable"/></div> <div>SRT Method: <input type="text" value="Listener"/></div> <div>Encryption: <input type="text" value="Enable"/></div> <div>Password: <input type="text"/> [password length:10-16]</div> <div>Listener port: <input type="text" value="9002"/></div> <div>Latency: <input type="text" value="0"/> [Unitsms]</div> <div>Apply</div>							

## Audio and Extension

### Audio Settings

The encoder supports audio embedding from external analog input. Therefore, the audio can be from HDMI-embedded audio or analog Line in audio. Besides, Audio Encode Mode can be ACC/ MP3/ MP2.

DEVICE STATUS

NETWORK SETTINGS

MAIN STREAM SETTINGS

SUB STREAM SETTINGS

AUDIO AND EXTENSION

SYSTEM SETTINGS

AUDIO SETTINGS

MAIN STREAM OSD

SUB STREAM OSD

COLOR CONTROL

ONVIF SETTINGS

Audio Input:

HDMI Audio

Audio Bitrate:

128000

Audio Channel:

L+R

Audio Encode Mode:

AAC

AAC Format:

LC

Resample:

Disable

RTSP Audio Encode:

AAC

Audio Gain:

Disable

Apply

## OSD Overlay

- The encoder can insert the logo and text to the Main Stream / Sub Stream video at the same time. The logo file should be named logo.bmp and resolution below 1920×1080 as well as less than 1MB. Text content overlay support up to 255
- characters. The size and color of the text can be set on the web page. And user also can set the position and transparency of the logo and text overlay.

DEVICE STATUS

NETWORK SETTINGS

MAIN STREAM SETTINGS

SUB STREAM SETTINGS

AUDIO AND EXTENSION

SYSTEM SETTINGS

AUDIO SETTINGS

MAIN STREAM OSD

SUB STREAM OSD

COLOR CONTROL

ONVIF SETTINGS

Upload LOGO:

浏览...

Main/Sub stream OSD LOGO file must be named (logo.bmp logo\_ext.bmp)

Upload

LOGO:

Enable

LOGO X:

100

[0-1920]

LOGO Y:

170

[0-1080]

Text X:

100

[0-1920]

Text Y:

100

[0-1080]

Text Size:

32

[8-72]

Transparency:

100

[0-128]

Text Color:

0xFFFFFFFF

[0-0xFFFFFFFF] example: R: 0xFFFF0000 G: 0xFF00FF00 B: 0xFF0000FF

Text Content:

Up to 255 characters

Apply

DEVICE STATUS

NETWORK SETTINGS

MAIN STREAM SETTINGS

SUB STREAM SETTINGS

AUDIO AND EXTENSION

SYSTEM SETTINGS

AUDIO SETTINGS

MAIN STREAM OSD

SUB STREAM OSD

COLOR CONTROL

ONVIF SETTINGS

LOGO:

Enable

LOGO X:

100

[0-1920]

LOGO Y:

170

[0-1080]

Text X:

100

[0-1920]

Text Y:

100

[0-1080]

Text Size:

32

[8-72]

Transparency:

100

[0-128]

Text Color:

0xFFFFFFFF

[0-0xFFFFFFFF] examples: R: 0xFFFF0000 G: 0xFF00FF00 B: 0xFF0000FF

Text Content:

Up to 255 characters

Apply



## Color Control

User can adjust the brightness, contrast, hue, saturation of streaming video through the web page.

DEVICE STATUS	AUDIO SETTINGS	MAIN STREAM OSD	SUB STREAM OSD	COLOR CONTROL	ONVIF SETTINGS
NETWORK SETTINGS	Brightness: <input type="text" value="50"/> [0-100] Default Value:50				
MAIN STREAM SETTINGS	Contrast: <input type="text" value="50"/> [0-100] Default Value:50				
SUB STREAM SETTINGS	Hue: <input type="text" value="50"/> [0-100] Default Value:50				
AUDIO AND EXTENSION	Saturation: <input type="text" value="50"/> [0-100] Default Value:50				
SYSTEM SETTINGS	<input type="button" value="Apply"/>				

## ONVIF Settings

The settings of ONVIF as below:

DEVICE STATUS	AUDIO SETTINGS	MAIN STREAM OSD	SUB STREAM OSD	COLOR CONTROL	ONVIF SETTINGS
NETWORK SETTINGS	ONVIF Auth: <input type="text" value="Enable"/>				
MAIN STREAM SETTINGS	ONVIF User: <input type="text" value="admin"/>				
SUB STREAM SETTINGS	ONVIF Password: <input type="text" value="admin"/>				
AUDIO AND EXTENSION	ONVIF Device Name: <input type="text" value="Hd-Encoder"/>				
SYSTEM SETTINGS	<input type="button" value="Apply"/>				

## System Settings

Users can set the encoder to reboot after 0-200 hours for some applications.

DEVICE STATUS	SYSTEM SETTINGS	PASSWORD	FIRMWARE VERSION	UPGRADE
NETWORK SETTINGS	Reboot Timer: <input type="text" value="0"/> [0-200] hours			
MAIN STREAM SETTINGS	<input type="button" value="Apply"/>			
SUB STREAM SETTINGS	<input type="button" value="Reset"/>			
AUDIO AND EXTENSION	<input type="button" value="Reboot"/>			
SYSTEM SETTINGS				

The default password is admin. Users can set new passwords through below web page.

DEVICE STATUS	SYSTEM SETTINGS	PASSWORD	FIRMWARE VERSION	UPGRADE
NETWORK SETTINGS	New Password: <input type="text"/>			
MAIN STREAM SETTINGS	Confirm New Password: <input type="text"/>			
SUB STREAM SETTINGS	<input type="button" value="Apply"/>			
AUDIO AND EXTENSION				
SYSTEM SETTINGS				

The firmware version information can be checked on the web page as below.

DEVICE STATUS	SYSTEM SETTINGS	PASSWORD	FIRMWARE VERSION	UPGRADE
NETWORK SETTINGS	Version: v2.2.16_20200831_80_1_release			
MAIN STREAM SETTINGS	ONVIF Version: version 2.6.24			
SUB STREAM SETTINGS				
AUDIO AND EXTENSION				
SYSTEM SETTINGS				

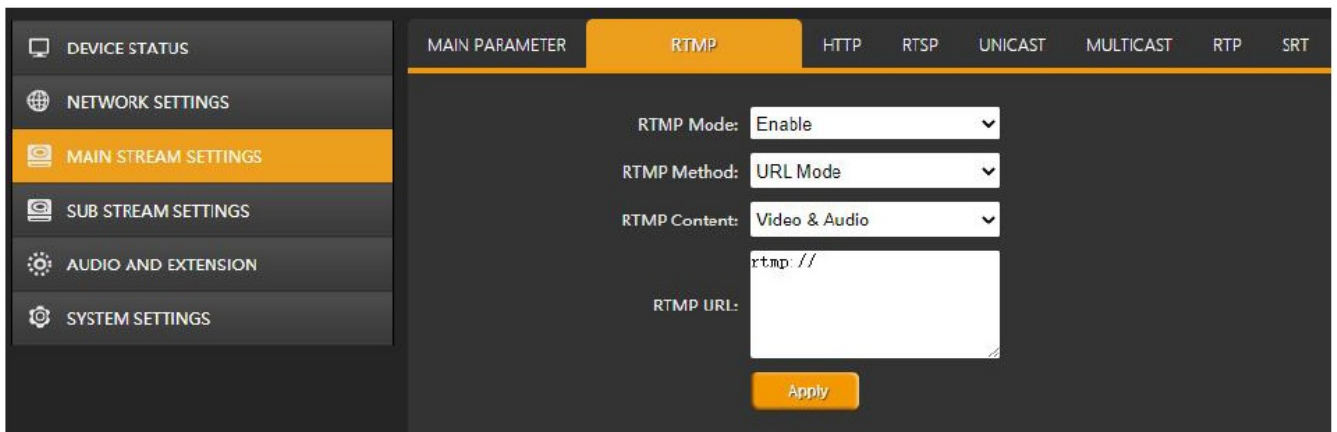
Upgrade new firmware through the web page as below. Please note that don't turn off the power and refresh web page when upgrading.



## LIVE STREAM CONFIGURATION

Configure the encoder to live stream on platforms like YouTube, Facebook, twitch, Periscope, etc. Following is an example to show how to configure the encoder to live stream on YouTube.

- **Step 1.** Set the main parameters of Stream Protocol to the H.264 mode, and other options are recommended to be the default configuration. On some occasions, they can be adjusted according to the actual situation. For example, if the network speed is slow, the Bitrate Control can be switched from CBR to VBR and adjust the Bitrate from 16 to 12000.
- **Step 2.** Setting the RTMP options as follows image:
- 



**Step 3.** Enter the stream URL and stream key in the RTMP URL, and connect them with"/".

For example, the stream URL is "<rtmp://a.rtmp.youtube.com/live2>".

The Stream key is "acbsddjfhruifghi".

Then the RTMP URL will be “Stream URL”+ “/” + “Stream Key”:


“<rtmp://a.rtmp.youtube.com/live2/acbsddjfheruifghi>”. See below image.

- **Step 4.** Click“Apply” to live stream on YouTube.

## FAQ

### Frequently Asked Questions (FAQ)

- **Q: Can the encoder support multiple network protocols simultaneously?**
- A: No, the encoder can only enable one network protocol at a time for both the mainstream and substream.
- **Q: What is the default IP address of the encoder?**
- A: The default IP address is 192.168.1.168.
- **Q: How can I access the management web page?**
- A: Enter the encoder’s IP address (192.168.1.168) in an Internet browser to access the web page. The default username and password are both admin.

 <p>SE1217 HDMI STREAMING ENCODER</p>	<p><a href="#">AVMATRIX SE1217 HDMI Streaming Encoder</a> [pdf] User Manual</p> <p>SE1217 HDMI Streaming Encoder, SE1217, HDMI Streaming Encoder, Streaming Encoder, Encoder</p>
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## References

- [User Manual](#)