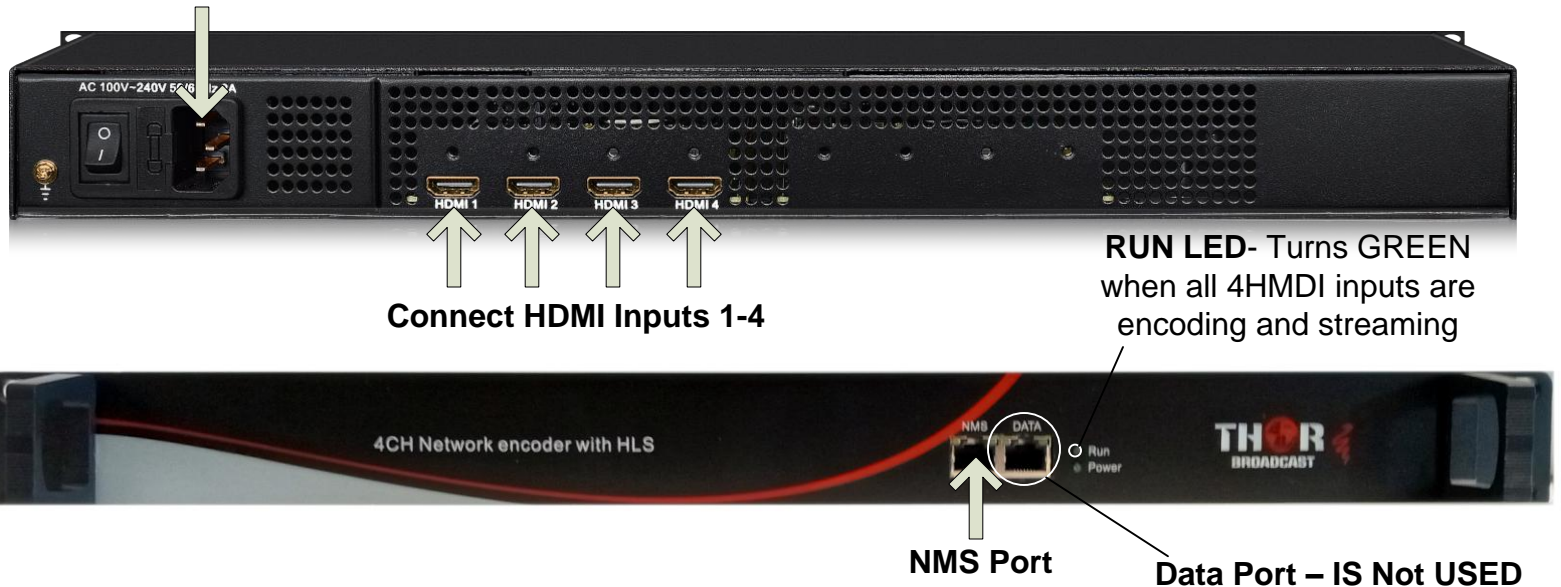


# H-4HDMI-IPCAST

## Quick Setup Guide

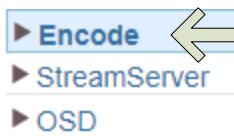
### Step 1: Connect and Login

Connect Included Power Supply



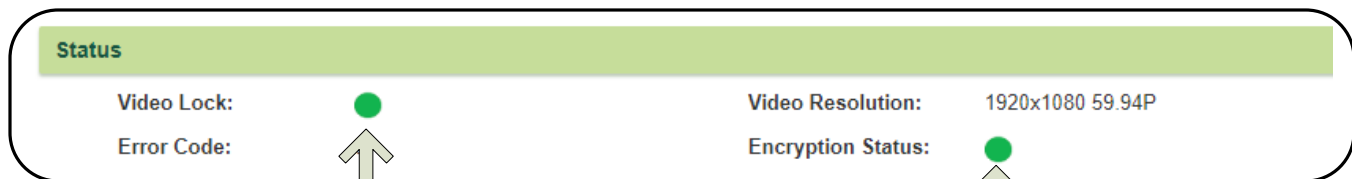
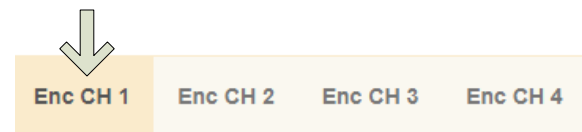
- Connect the NMS port **ONLY** to your PC or Switch using an Ethernet cable (Data Port Is not used)
- Open web browser and go to <http://192.168.1.137>
- Login/Password: [admin/admin](#)

### Step 2: Configure Settings



Select "Encode" from the Main Menu

Select Channel 1-2-3 and 4



Video Lock and Encryption status must be green

Repeat these steps as needed for all channels

## Encoding Parameters page

- Video Bit rate 1-13Mbps
- Audio type and Bitrates
- Apply
- If HDMI is being detected, the Status - Video Lock will turn green, and the Video Resolution will appear



### Summary

▶ Status

### Parameters

▶ Encode

▶ StreamServer

▶ OSD

### System

▶ Network

▶ Password

▶ Configuration

▶ Firmware

▶ Date | Time

▶ Log

## ENCODE

1

← HDMI IN 1-4

Enc CH 1   Enc CH 2   Enc CH 3   Enc CH 4

**Video Bit rate 1-13Mbps**

2

**Video**

Bitrate:  (1-13 Mbps)   Rate Mode:

H.264 Profile:    Gop Size: (25-50)

**Audio type and Bitrates**

**Audio**

AAC TYPE:    **3**   **HDMI Resolution Detected**

**HDMI signal Detected**

**Status**

Video Lock:    Video Resolution: 1920x1080 59.94P

Error Code: 0   Encryption Status:

**Version**

CPU Version: 04.04.08   FPGA Version: **4**

ENCODER Version: 12.18

Apply

## NETWORK IP Setup – NMS IP agrees is a also Streaming IP Source



### Summary

▶ Status

### Parameters

▶ Encode

▶ StreamServer

▶ OSD

### System

▶ Network

NETWORK

IP Address

**NMS**

IP Address:

Subnet Mask:

Gateway:

Web Manage Port:

MAC Address:

DNS:

If HLS, HTTP, RTSP streaming us annealed the IP Address need to be set to the same Sub-net as stream receiving device or LAN gateway

#### Streams addressees examples

RTSP protocol output:  
rtsp://192.168.1.137:554/stream1

HTTP protocol output:  
http://192.168.1.137:9090/stream1

HLS protocol output:  
http://192.168.1.137:8090/stream1.m3u8

- Enable – RTSP / HTTP / HLS streaming protocol and the port number**
- Select and Enable the Protocol – RTSP or HTTP or HLS for all HDMI inputs**

# H-4HDMI-IPCAST

ement



## Summary

► Status

## Parameters

► Encode

► **StreamServer** 1

► OSD

## System

► Network

► Password

► Configuration

► Firmware

## STREAMSERVER

2	StreamServer	Enc CH 1	Enc CH 2	Enc CH 3	Enc CH 4
<b>RTSP</b> <span style="float: right; color: red;"><b>rtsp://192.168.1.137:554/stream1</b></span>					
Port:		<input type="text" value="554"/>	Enable: <input type="checkbox"/>		
<b>HTTP</b> <span style="float: right; color: red;"><b>http://192.168.1.137:9090/stream1</b></span>					
Port:		<input type="text" value="9090"/>	Enable: <input type="checkbox"/>		
<b>HLS</b> <span style="float: right; color: red;"><b>http://192.168.1.137:8090/stream1.m3u8</b></span>					
Port:		<input type="text" value="8090"/>	Enable: <input checked="" type="checkbox"/> <span style="border: 1px solid black; padding: 2px;">3</span>		
<span style="border: 1px solid black; padding: 2px;">4</span> <span style="background-color: #5bc0de; color: white; padding: 2px 5px; border-radius: 3px;">Apply</span>					

## STREAMSERVER

StreamServer	5	9	10	11	4
StreamServer	Enc CH 1	Enc CH 2	Enc CH 3	Enc CH 4	

## StreamName

StreamName: 6

## RTMP

RTMP Server:

Enable:  Connect Status: ●

## UDP

UDP address: 7

UDP port:

Enable:

8 Apply

**Streaming Protocols Syntax examples:**  
**(Protocol://NMS IP Address:Port Number/StreamName)**

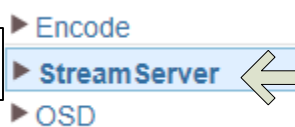
**RTSP protocol output:**  
rtsp://192.168.1.137:554/stream1

**HTTP protocol output:**  
http://192.168.1.137:9090/stream1

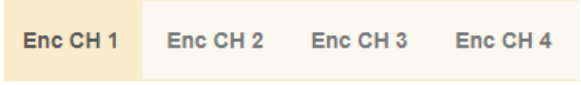
**HLS protocol output:**  
http://192.168.1.137:8090/stream1.m3u8

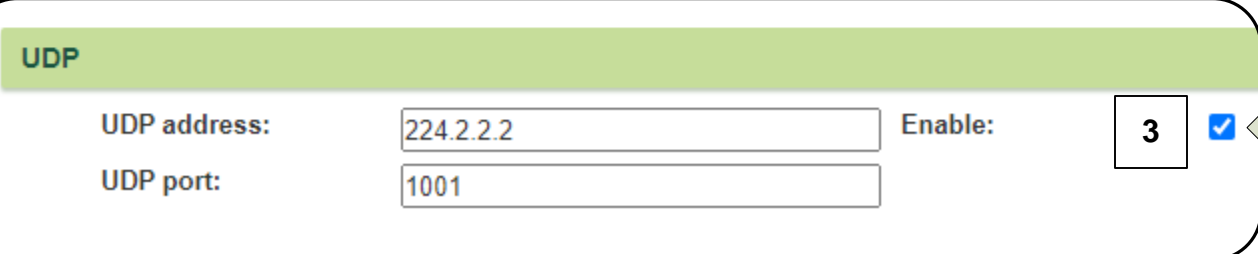
**UDP HLS protocol output:**  
Udp://@224.2.2.2:1001

## UDP Multicast or Uncast Stream Setup:

**1**  Select "StreamServer" from the Main Menu

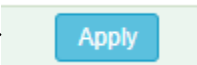
**2** Select Channel



**3**  Check box to enable channel

UDP address:  Enable:

UDP port:

Click "Apply" to save changes  **4**

ACCESS THE STREAM USING THE APPROPRIATE IP ADDRESS & PORT NUMBER:

**FOR EXAMPLE:**  
**udp://@224.2.2.2:1001**

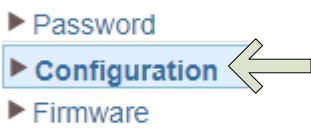
Repeat these steps as needed for all channels


## Step 3: Save Configuration


### **IMPORTANT:**

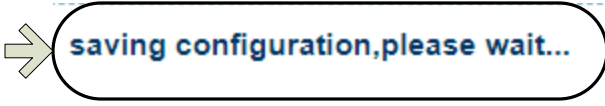
**YOU MUST SAVE CONFIGURATION OR ALL CHANGES WILL BE LOST AFTER RESTART!**

Select "Configuration" from the main menu

 **1**

Click the "Save" tab  **2**

Press "Save config" button  **3**

Confirmation message will appear briefly until saving is complete. 

Scan for more Info:

