Quick configuration Guide

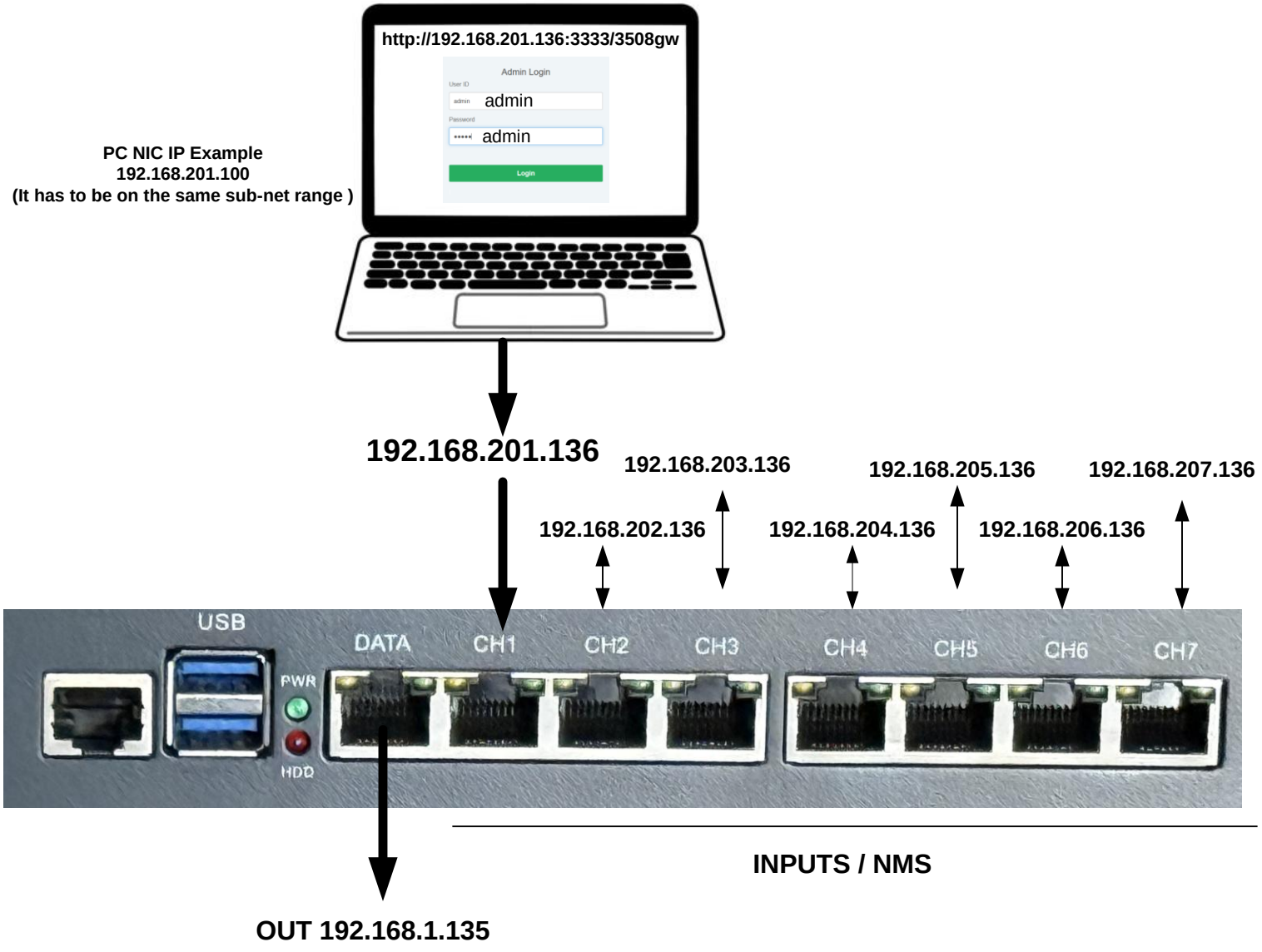
H-IPTV-GATEWAY / H-IPTV-GATEWAY-HD

The IPTV Gateway performs conversion between UDP, RTP, RTSP, and HLS streaming protocols

The IPTV Gateway has 7 inputs (CH1-CH7) and 1 output (DATA), each with its own IP address.
Please access the unit via CH1 at http://192.168.201.136:3333/3508gw
using the username 'admin' and password 'admin'.
The PC's NIC card should be set to the same subnet, for example, 192.168.201.100.
(These are the default settings, but they may have been changed to meet individual needs.)

NMS IP Address is http://192.168.201.136:3333/3508gw (CH1 port)

LOGIN / PASSWORD : admin/admin



Devices have a DATA OUTPUT PORT -IP 192.168.200.254 and 7 Ethernet ports, each with its own unique IP address ranging from 192.168.201.136 to 192.168.207.136. The device's management interface can be accessed through any of these ports.

For example:

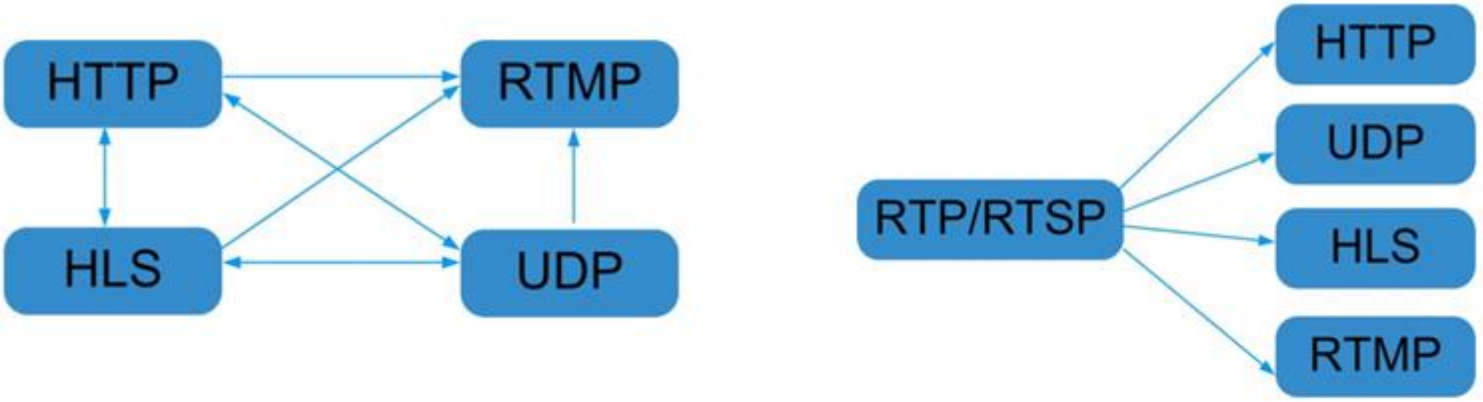
ETH Port 1: 192.168.201.136 can be accessed via 192.168.201.136:3333/3508gw with the credentials admin/admin.

ETH Port 2: 192.168.202.136 can be accessed via 192.168.202.136:3333/3508gw with the same credentials, and so on for the remaining ports.

Each of the 7 ports functions as both an IP stream input and output, allowing incoming streams to be accepted from 7 different subnets. To receive a stream from a unicast source using protocols such as RTSP, RTP, RTMP, or HLS, the IP address subnet must match that of the stream source.
All Data Out and the 7 Input NIC card IPs are fully configurable to adapt to any network.

Application Example

IP Protocol Conversion



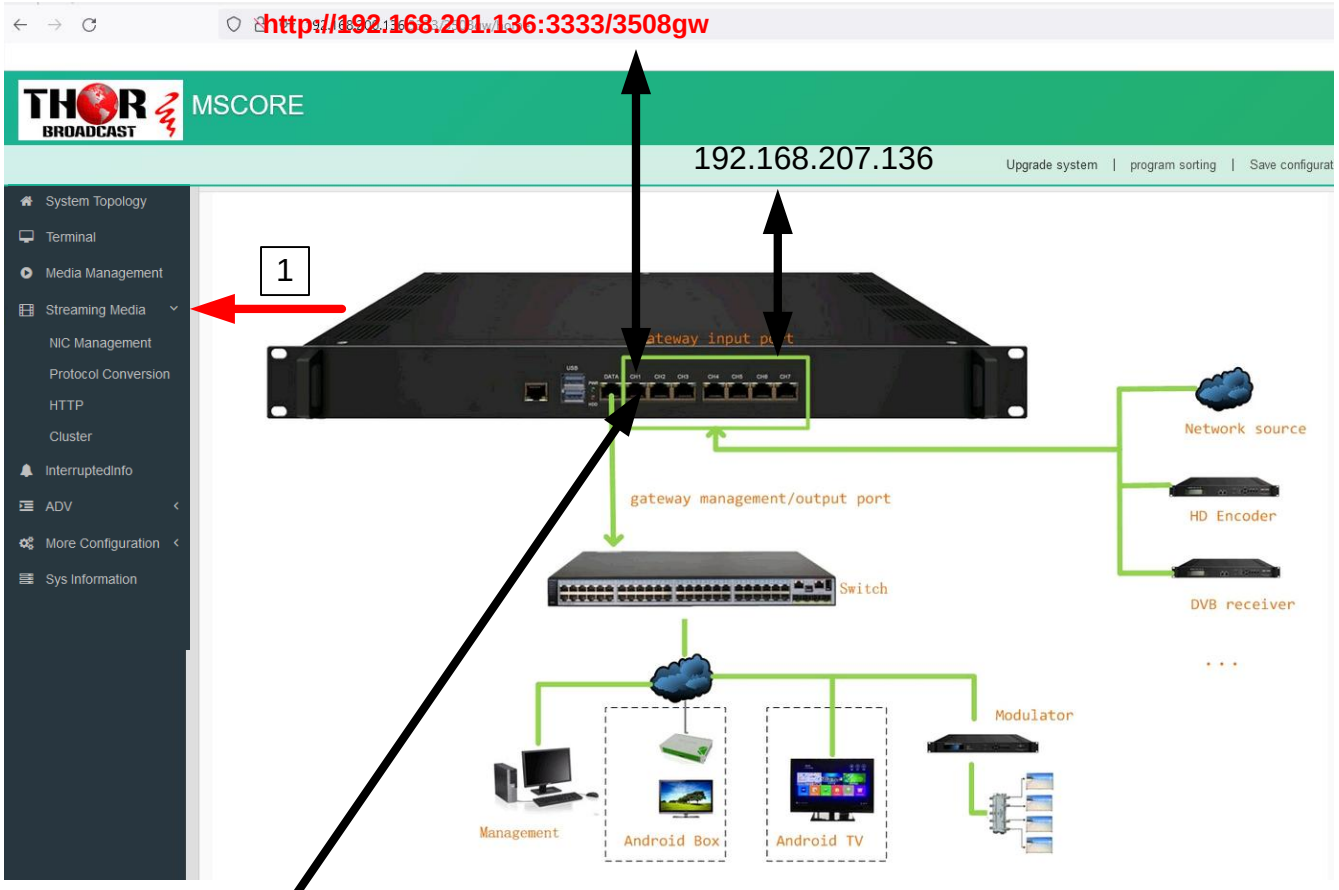
General Principle Chart

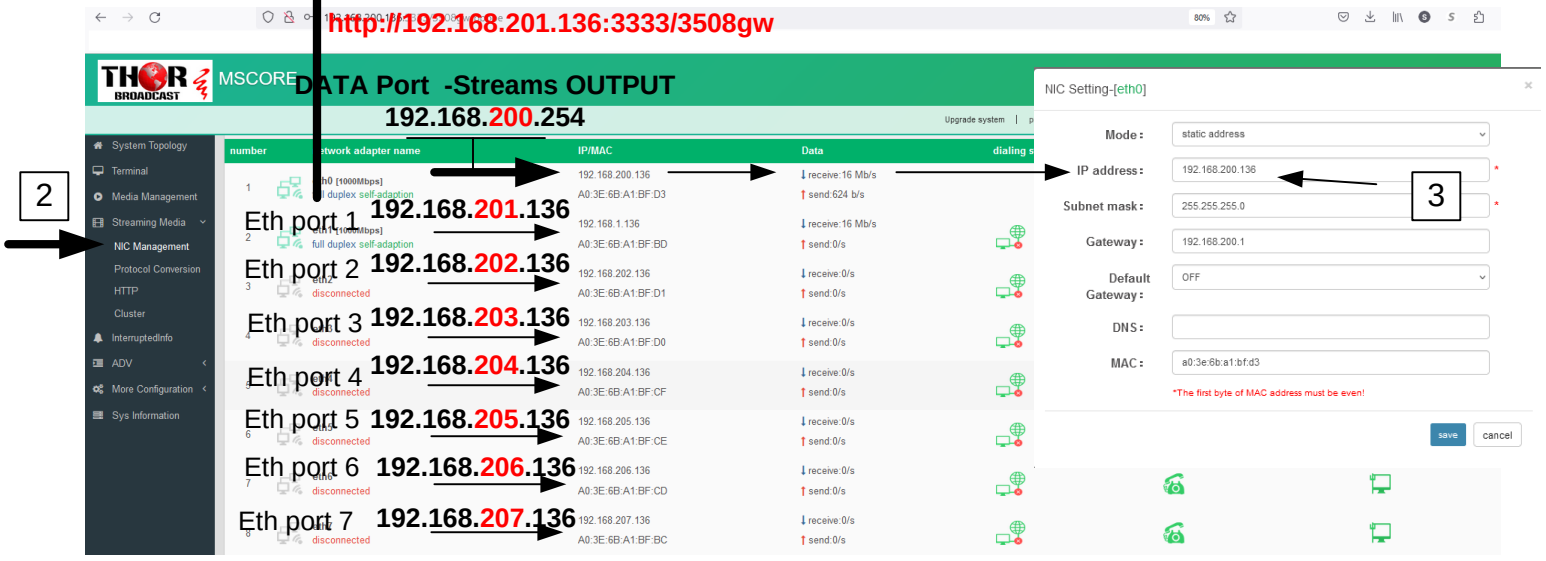
https://thorbroadcast.com **800-521-8467** **sales@thorfiber.com**

The default port is dedicated to the converted TS stream outputs. The IP address can be changed to reflect your individual network requirements. Ports CH1-CH7 are dedicated to stream input and NMS access. By default, they are set to different subnets so that the streams can be accessed from different subnet networks. These settings can be changed to reflect your own network. Not all ports need to be used, and all ports support Gigabit Ethernet data in or out

To log in, access/change IP addresses, please follow steps 1-3

NMS IP Address form CH1 is http://192.168.201.136:3333/3508gw





Protocol Conversion Controls - Streaming Protocol Input and Output Tab

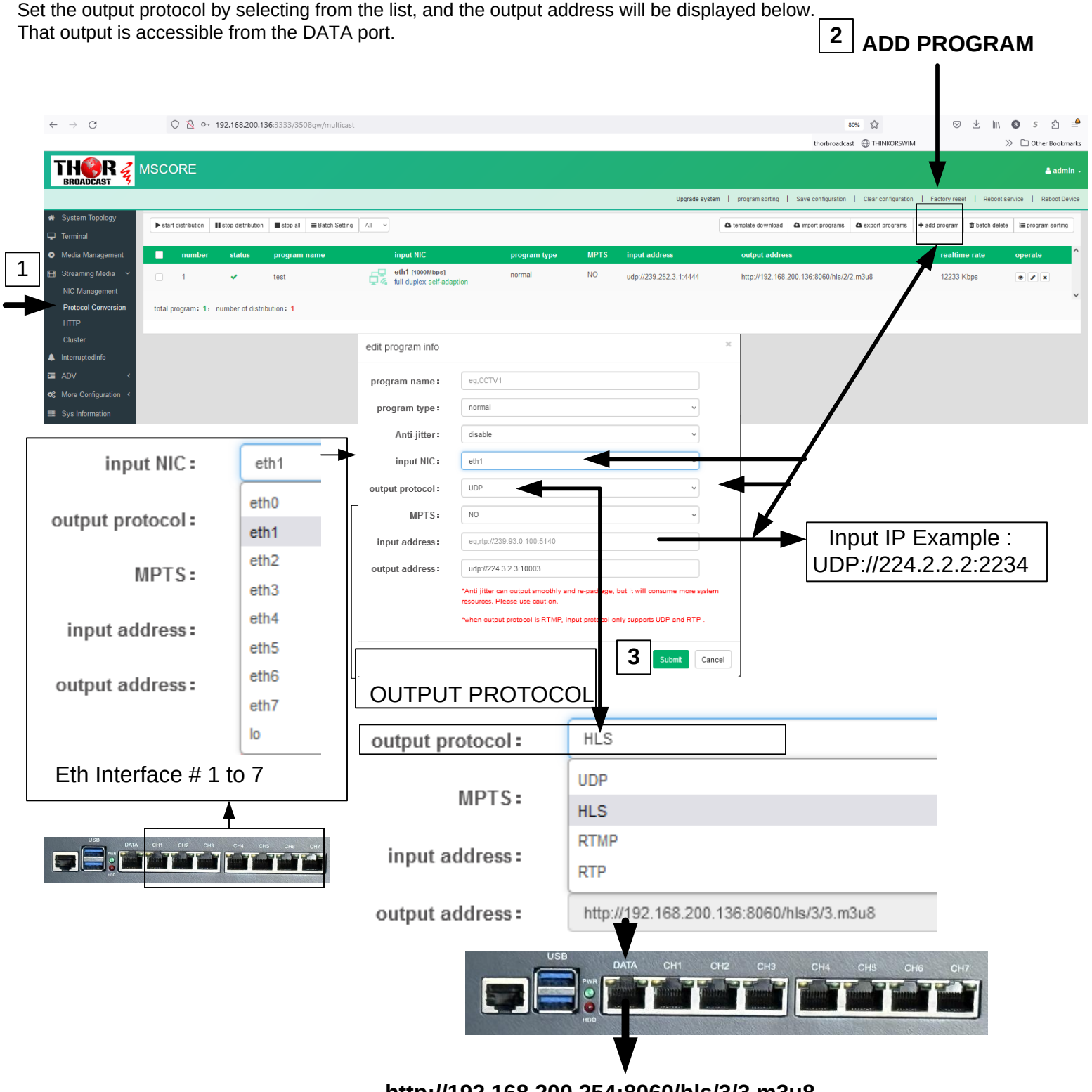
To insert the streams, please follow steps 1-3:

In the Protocol Conversion Tab, click 'Add Program.' It can be UDP multicast or another protocol.

Write the stream name.

Select the input NIC card (1-7). This is the port where the particular stream is being inserted.

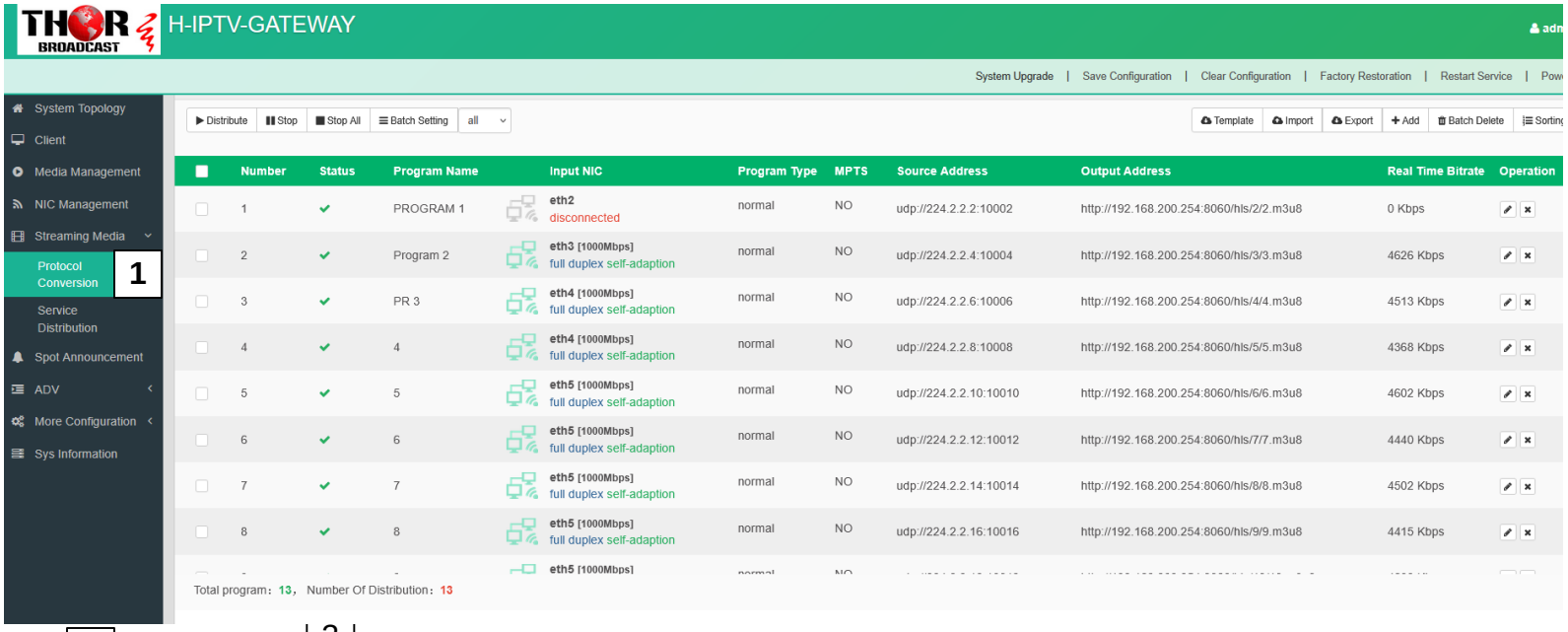
Set the output protocol by selecting from the list, and the output address will be displayed below. That output is accessible from the DATA port.



To test the stream's output using VLC player, please follow steps 1-5:

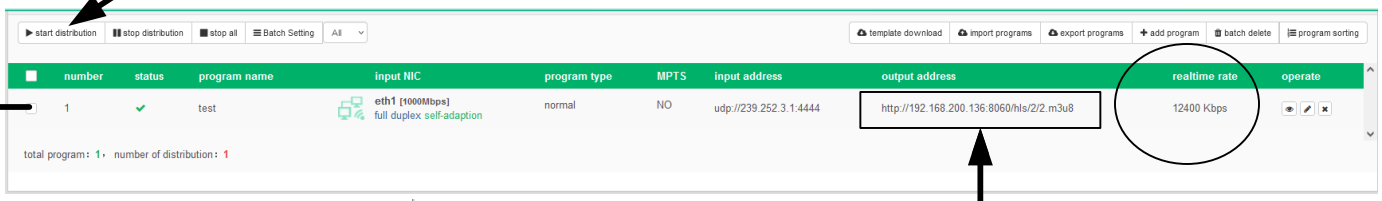
Connect the PC to the Data port.

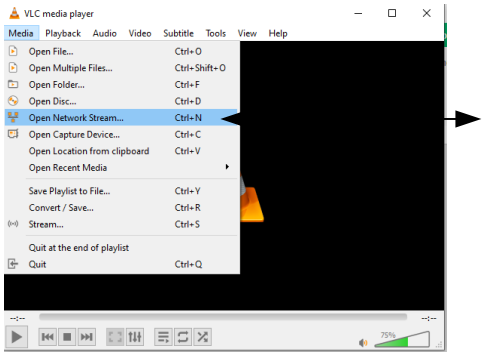
Please note that if the output is HLS or any other unicast stream, the PC or any other receiving devices need to be set to the same subnet as the Data IP. In our case, the data IP is 192.168.200.136, so please set your PC's NIC card to an IP like 192.168.200.100



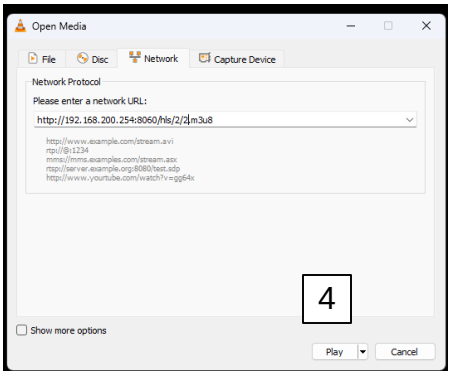
2
SELECT

3
Start Distribution

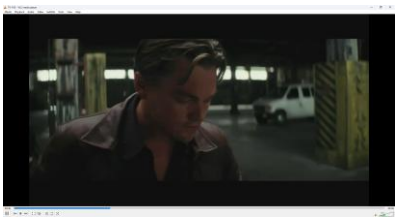




Stream Output address
UDP/RTP/RTMP/HLS
Can be tested with VLC



http://192.168.200.254:8060/hls/2/2.m3u8



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