

Quick configuration Guide

H-IPTV-GATEWAY

NMS IP Address is **192.168.200.136:3333**

The pc need to be on the same subnet with the IP address 192.168.200.XX)

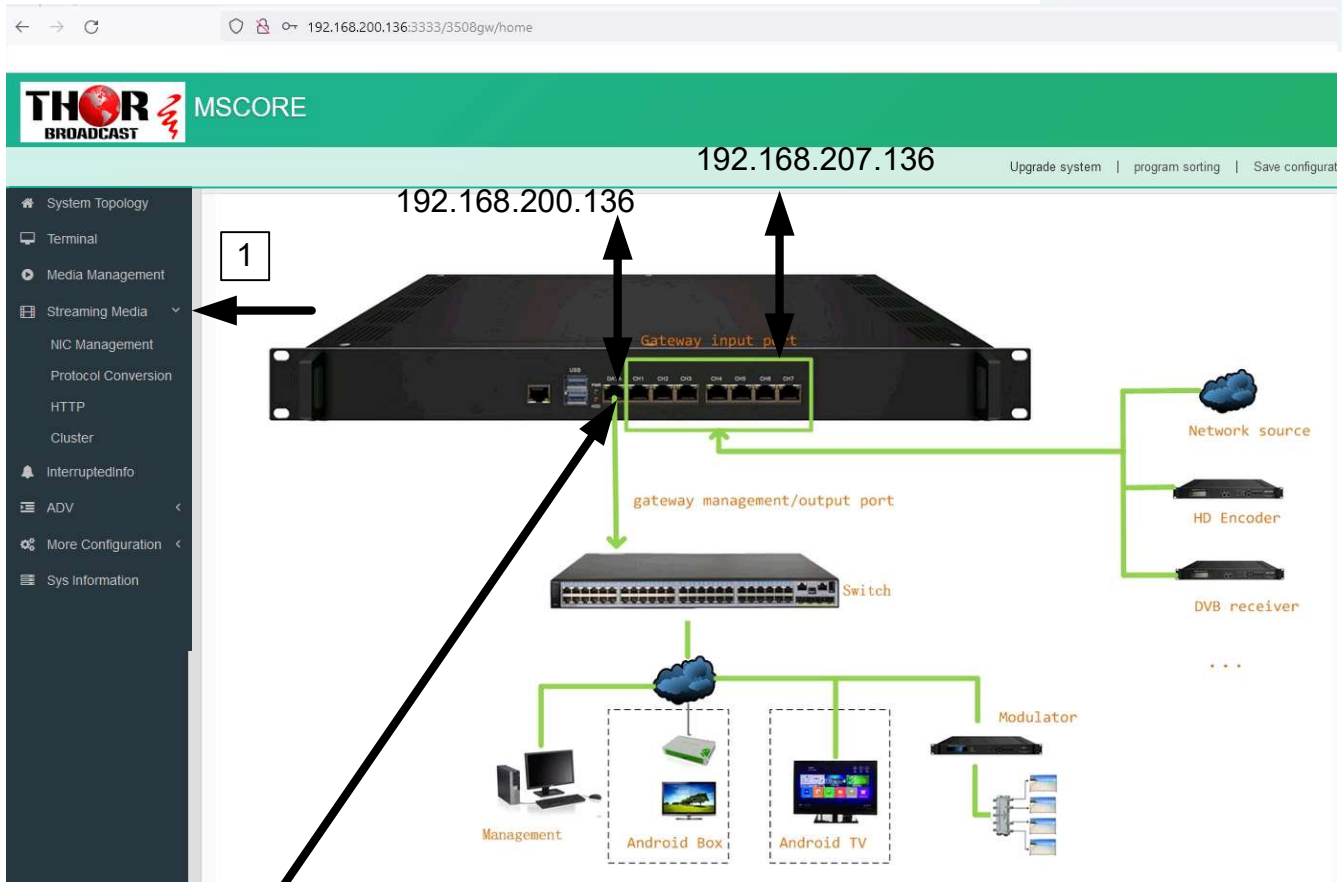
LOGIN / PASSWORD : **admin/admin**

192.168.200.136:3333
Admin Login

User ID
admin

Password
.....

Login



NIC Management controls 8 Ports IP interfaces IP addresses

number	network adapter name	DATA Port	IP/MAC	Data	dialing status
1	eth0 [1000Mbps] full duplex self-adaption	Eth port 1	192.168.200.136 A0:3E:6B:A1:BF:D3	↓ receive: 16 Mb/s ↑ send: 624 b/s	🌐
2	eth1 [1000Mbps] full duplex self-adaption	Eth port 2	192.168.1.136 A0:3E:6B:A1:BF:BD	↓ receive: 16 Mb/s ↑ send: 0/s	🌐
3	eth2 disconnected	Eth port 3	192.168.202.136 A0:3E:6B:A1:BF:D1	↓ receive: 0/s ↑ send: 0/s	🌐
4	eth3 disconnected	Eth port 4	192.168.203.136 A0:3E:6B:A1:BF:D0	↓ receive: 0/s ↑ send: 0/s	🌐
5	eth4 disconnected	Eth port 5	192.168.204.136 A0:3E:6B:A1:BF:CF	↓ receive: 0/s ↑ send: 0/s	🌐
6	eth5 disconnected	Eth port 6	192.168.205.136 A0:3E:6B:A1:BF:CE	↓ receive: 0/s ↑ send: 0/s	🌐
7	eth6 disconnected	Eth port 7	192.168.206.136 A0:3E:6B:A1:BF:CD	↓ receive: 0/s ↑ send: 0/s	🌐
8	eth7 disconnected	Eth port 7	192.168.207.136 A0:3E:6B:A1:BF:BC	↓ receive: 0/s ↑ send: 0/s	🌐

Protocol conversion controls Streaming protocol input and output

2 ADD PROGRAM

The screenshot shows the MSCORE web interface. At the top, there are navigation links like 'Upgrade system', 'program sorting', 'Save configuration', etc. Below that is a table of programs:

number	status	program name	input NIC	program type	MPTS	input address	output address	realtime rate	operate
1	✓	test	eth1 [1000Mbps] full duplex self-adaption	normal	NO	udp://239.252.3.1:4444	http://192.168.200.136:8060/hls/2/2.m3u8	12233 Kbps	[edit] [delete]

Buttons for 'start distribution', 'stop distribution', 'stop all', and 'Batch Setting' are visible. An '+ add program' button is highlighted with a box and an arrow pointing to it.

1

input NIC : eth1

output protocol : eth1

MPTS : eth2

input address : eth3

output address : eth4

Eth Interface # 0 to 7

edit program info

program name : eg,CCTV1

program type : normal

Anti-jitter : disable

input NIC : eth1

output protocol : UDP

MPTS : NO

input address : eg,rtsp://239.93.0.100:5140

output address : udp://224.3.2.3:10003

Submit Cancel

Input IP Example :
UDP://224.2.2.2:2234

3

OUTPUT PROTOCOL

output protocol : HLS

MPTS : UDP

input address : HLS

output address : http://192.168.200.136:8060/hls/3/3.m3u8

4 SELECT

5 Start Distribution

The screenshot shows the same 'Programs' table as before. The 'start distribution' button is now highlighted with a box and an arrow. The 'output address' for the program is 'http://192.168.200.136:8060/hls/2/2.m3u8'.

The screenshot shows the VLC media player interface. The 'Open Network Stream...' option is selected in the 'Media' menu.

The screenshot shows the 'Open Media' dialog box in VLC. The 'Network Protocol' section is active, and the 'Please enter a network URL:' field contains 'http://192.168.200.136:8060/hls/2/2.m3u8'.

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



Devices have 8 Ethernet ports, and each port has its own unique IP address ranging from 192.168.200.136 to 192.168.207.136. The device's management interface can be accessed through any of these ports.

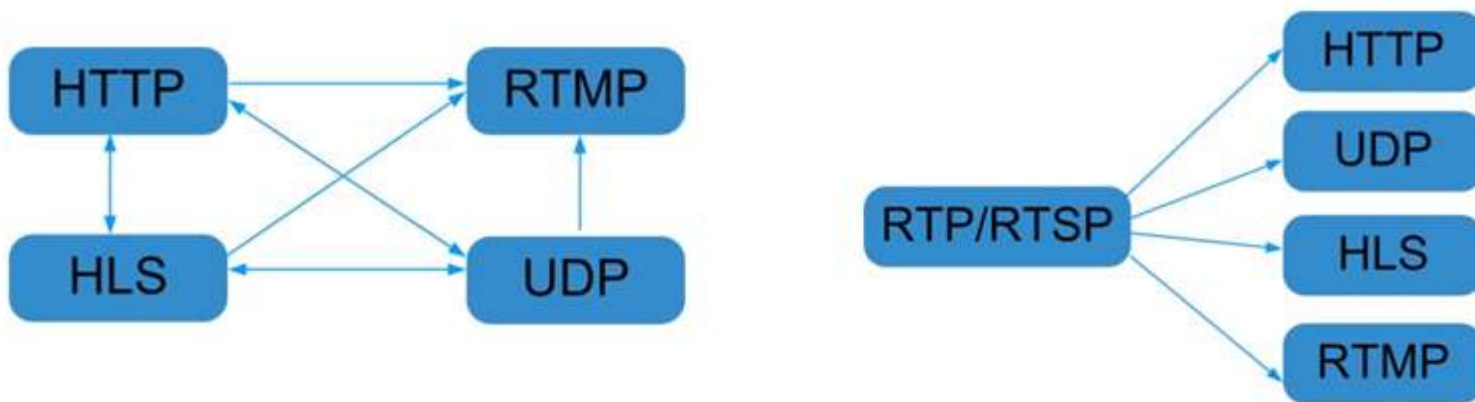
For example:

Data - ETH port 1: 192.168.200.136 can be accessed via 192.168.200.136:3333 with the credentials admin/admin.
 ETH port 2: 192.168.200.137 can be accessed via 192.168.200.137:3333 with the same credentials, and so on for the remaining ports.

Each port functions as an IP stream input and output, allowing for incoming streams to be accepted from 8 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.

Application Example:

IP Protocol Conversion



General Principle Chart

