

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)

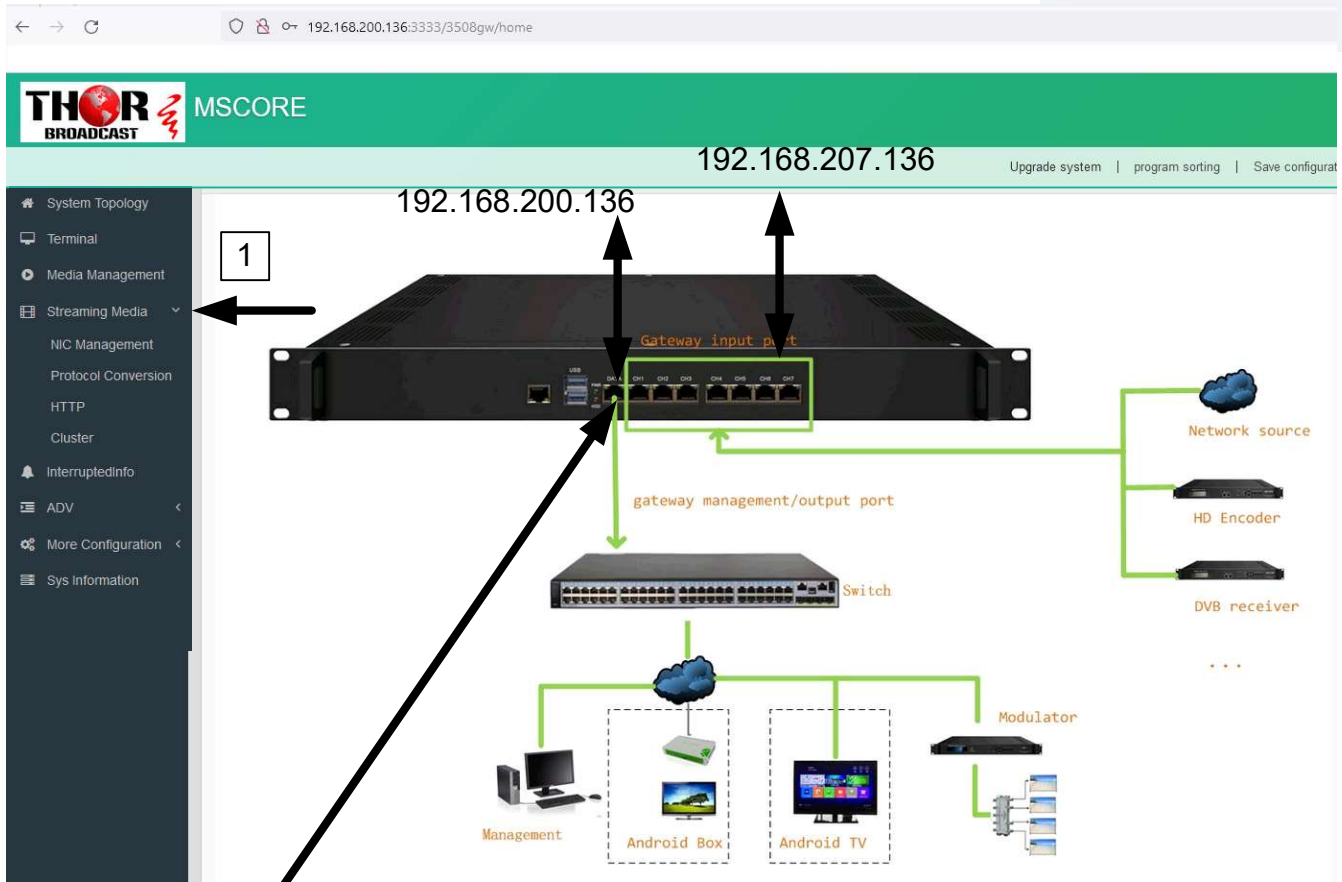
LOGIN / PASSWORD : **admin/admin**

192.168.200.136:3333
Admin Login

User ID
admin

Password
.....

Login



NIC Management controls 8 Ports IP interfaces IP addresses

The screenshot shows the 'NIC Management' interface. A table lists 8 network adapters with their respective IP addresses and MAC addresses. A red box labeled '2' points to the table. A red box labeled '3' points to the 'NIC Setting' dialog box, which is open for the selected adapter.

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]

Below the table, there are buttons for 'template download', 'import programs', 'export programs', and '+ add program'. A callout box labeled '1' points to the 'Protocol Conversion' menu item in the left sidebar.

The 'edit program info' dialog box contains the following fields:

- 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

At the bottom of the dialog, there are 'Submit' and 'Cancel' buttons. A callout box labeled '3' points to the 'Submit' button.

Input IP Example :
UDP://224.2.2.2:2234

input NIC : eth1
output protocol : eth0
MPTS : eth1
input address : eth2
output address : eth3
Eth Interface # 0 to 7

OUTPUT PROTOCOL

output protocol: HLS
MPTS: UDP
input address: HLS
output address: RTMP, RTP

4 SELECT
5 Start Distribution

The screenshot shows the 'Programs' table with the 'start distribution' button highlighted. A callout box labeled '4' points to the 'start distribution' button, and a callout box labeled '5' points to the 'stop distribution' button.

The screenshot shows the VLC media player interface. The 'Open Network Stream...' menu item is selected. A callout box labeled '4' points to this menu item.

The 'Open Media' dialog box shows the 'Network Protocol' section. The 'Please enter a network URL:' field contains the URL: http://192.168.200.136:8060/hls/2/2.m3u8. A callout box labeled '5' points to this URL field.

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.

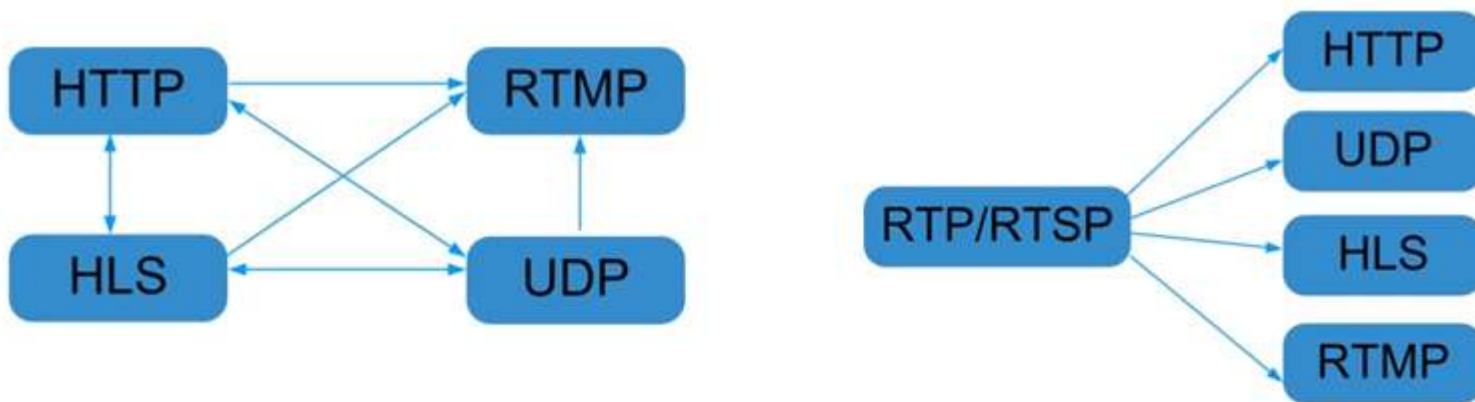
For example:

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

