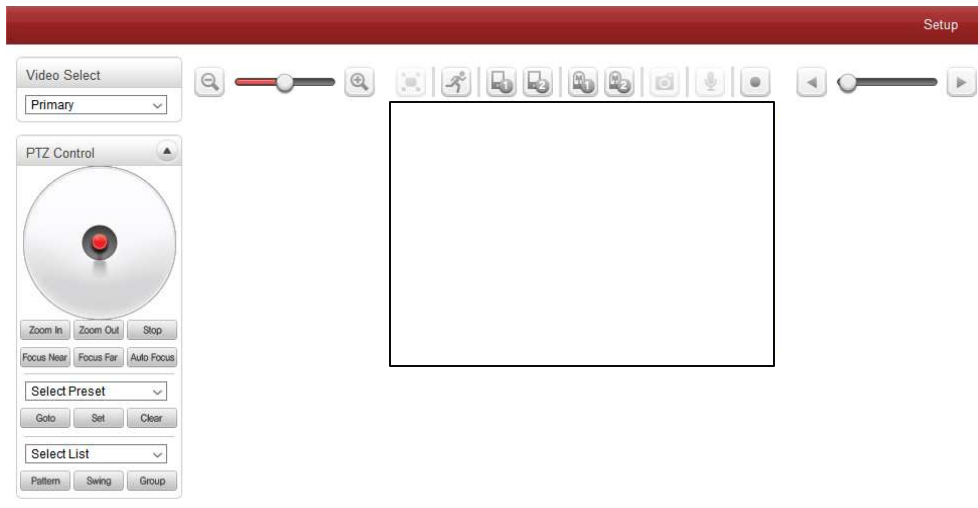


Quick Configuration Guide Thor NVS-3500 Encoder / Decoder

Default IP : 192.168.10.100

Login: admin

Password : 1234

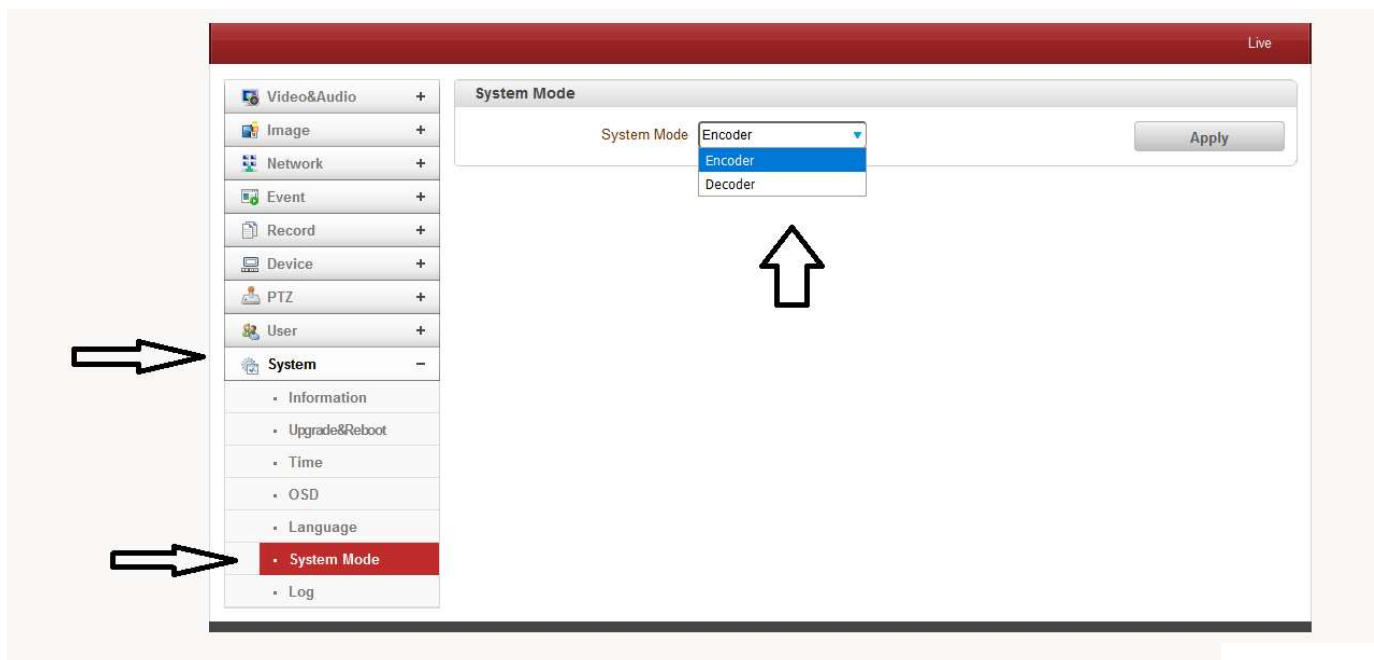


SETUP

Unit can be set as a Encoder or Decoder

SYSTEM-SYSTEM MODE -ENCODER/DECODER

(2 Units Encoder and decoder need to have 2 different IP addresses on the same network)



Encoder Video Audio detection / selection

The screenshot displays the 'Video & Audio' configuration interface. On the left is a sidebar with categories: Information, Video (selected), Audio, Output, Image, Network, Event, Record, Device, PTZ, User, and System. The main 'View' area shows a red video feed with an 'Input Auto Detect' dialog box overlaid. The dialog lists detected inputs: Composite (Unplugged), HDMI (HDMI 1080p60), and SDI (HD-SDI 720p60). Below the dialog are ROI (Region of Interest) settings for four regions, each with a slider set to 0 and a 'Set' button. The 'Performance Calculation' section shows a 'Performance Usage Rate' of 4%. The 'Video' section contains the following settings: 'Input Format' (HD-SDI 720p60), 'Video Input Auto Detect' (Off), and an 'Input Auto Detect' button. Below these are tabs for Primary, Secondary#1, Secondary#2, and Secondary#3. The Primary tab is active, showing: Resolution (720x480), Framerate (30), Preference (CBR), Quality (Economy), Bitrate (4000 kbps), I-Frame Interval (155), H.264 Profile (High Profile), and ROI Enable (On). A 'Scaling' checkbox is checked. An 'Apply' button is located at the bottom right of the Video section. Two large black arrows are drawn on the screen: one pointing to the 'Input Auto Detect' button and another pointing to the 'Apply' button.

Network Configuration :
IP address
HTTP, HTTPS, RTSP,
Multicast address and port number setting

The screenshot shows a network configuration interface with a sidebar on the left and a main configuration area on the right. The sidebar includes sections for Video&Audio, Image, Network, IP&Port, QoS, Discovery, One-way, SRT, SNMP, DDNS, IP filtering, E-mail, FTP, SSL, Connecting, Event, Record, Device, PTZ, User, and System. The main configuration area is divided into several sections: Local, DNS, IPv6, Port, MTU Size, and Multicast. Green arrows point to the Local IP field (192.168.10.100), the HTTP Port field (80), and the Multicast IP field (224.10.0.0). An 'Apply' button is located at the bottom right of the configuration area.

Local

IP Mode: Fixed IP
Local IP: 192.168.10.100
Local Gateway: 192.168.10.1
Local Subnet: 255.255.255.0

DNS

Obtain DNS server address automatically
 Use the following DNS server addresses
Primary DNS Server: 8.8.8.8
Secondary DNS Server: 8.8.8.8

IPv6

IPv6 Address:
IPv6 Subnet Prefix Length: 0
IPv6 Default Gateway:
IPv6 LinkLocal: fe80::21c:83ff:feb6:c11/64

Port

Base Port: 2222 (1025~65535)
HTTP Port: 80 (80, 1025~65535)
HTTPS Port: 443 (443, 1025~65535)
RTSP Port: 554 (554, 1025~65535)
Audio Receive Port: 2280 (1025~65535)

MTU Size

MTU Size: 1500 (default: 1500, 68~)

Multicast

Multicast IP: 224.10.0.0 (224.0.0.0 ~ 239.255.255.255)
TTL: 64 (1~255)

Apply

Point to Point Streaming (One Way)

Set the “Destination IP” to the IP of the decoder (if on the same network) or to the receiving router WAN IP

Example :

Encoder 192.168.10.100

Decoder 192.168.10.101

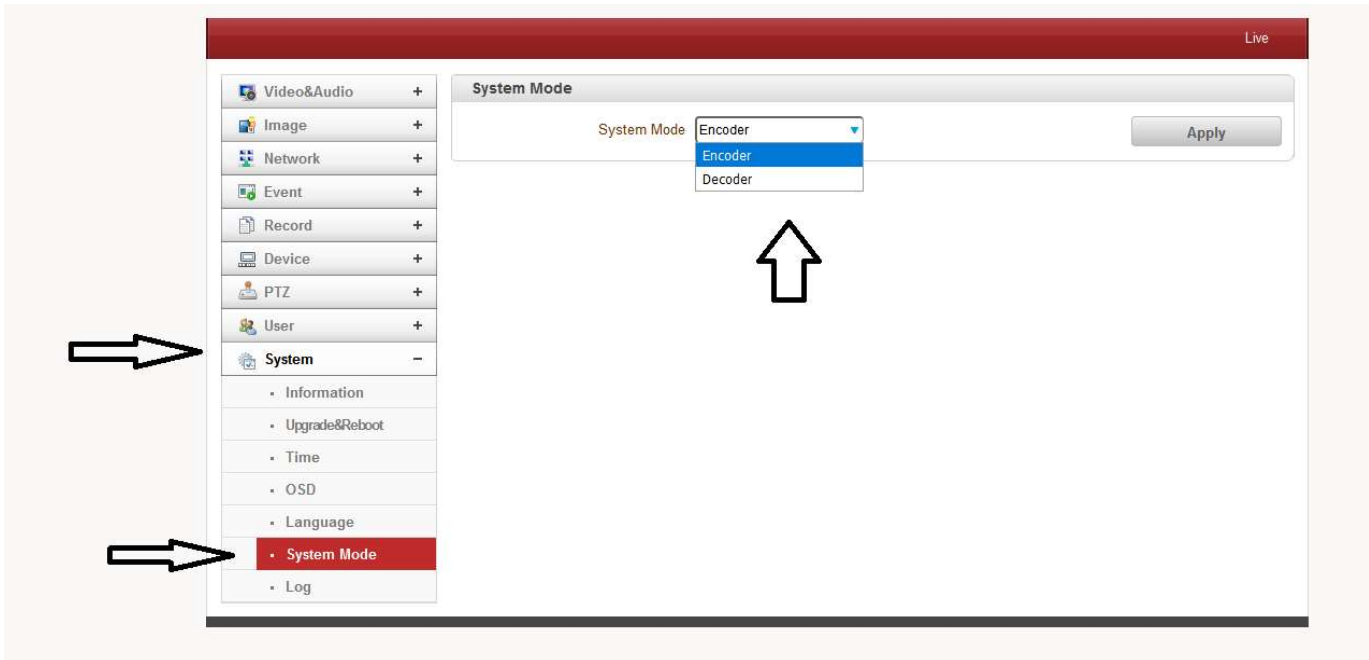
The screenshot shows a web management console interface for configuring one-way streaming. On the left is a sidebar menu with categories: Video&Audio, Image, Network, Event, Record, Device, PTZ, User, and System. The 'Network' category is expanded, showing sub-items: IP&Port, QoS, Discovery, One-way (highlighted in red), SRT, SNMP, DDNS, IP filtering, E-mail, FTP, SSL, and Connecting. The main panel is titled 'One-way Streaming' and contains the following configuration fields:

- Mode: RTP
- Select Video: Primary Video
- Destination IP: 192.168.10.101
- Destination Port: 554 (0, 1026~85534, Even number only)

An annotation 'Decoder IP Address' with a green arrow points to the 'Destination IP' field. An 'Apply' button is located at the bottom right of the configuration area.

DECODER SETUP:

SYSTEM-SYSTEM, Select Decoder - Apply



NETWORK - REMOTE

