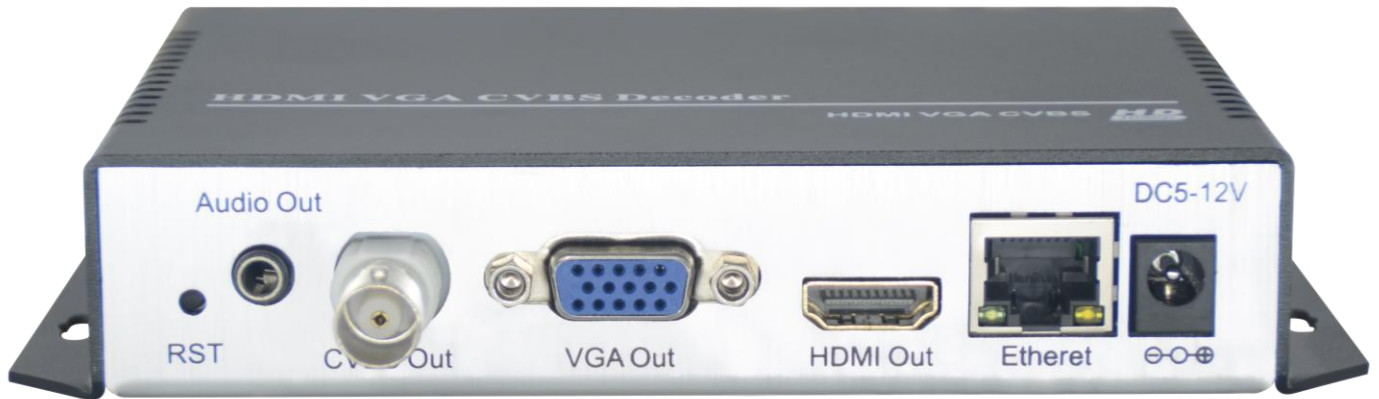


H.265/264 Video Decoder Manual

V1.3 20200827

OPR-NH200PD H.265 4K HDMI VGA CVBS Video Decoder



OPR-NH200PD-SDI H.265 4K HDMI SDI VGA CVBS Video Decoder



OPR-NH200PDU-1U Rack-mounted H.265 4K HDMI VGA SDI/CVBS Video decoder



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1. Environment Settings

1.1. Hardware Interface

1.1.1 Front Side view



From Right to Left:

- ① DC5-12V: 5V 2A or 12V 1A
- ② Ethernet: 1000 Mbit/s full-duplex
- ③ HDMI Output
- ④ VGA Output
- ⑤ SDI Output
- ⑥ Analog 3.5mm jack Audio Output
- ⑦ RST: Reset button

1.1.2 Back Side view



- ① P-Power indicator
- ② E- Ether Network
- ③ V-Video Output
- ④ CVBS output

2. Management Settings

2.1 Login

Open <http://192.168.1.169> (default IP) by Explorer to login the decoder, default user name and password are admin.

2.2 Address setting - Input Streaming URL

Max can input 4 streaming address, and output 4 video windows by 1 display

Address setting

decode wndnum: 4

channel1 addr: audio:

channel2 addr: audio:

channel3 addr: audio:

channel4 addr: audio:

Set up

2.3 System setting

2.3.1 System output

4K Decoder H.265/H.264

Video Output Setting Language: English

System output

HD output: 2160P30 the same as input source

CVBS output: PAL

rotate : 0 degree

brightness: 50

contrast: 50

hue: 50

saturation: 50

1080P60

480P60

576P50

720P50

720P60

1080P25

1080P30

1080I50

1080P50

1080I60

1080P60

1440P30

2160P30

Set up

2.3.2 Network Setting

Settle the decoder IP address according with your router; please reboot the decoder once settled.

The screenshot shows a web interface for network configuration. On the left is a sidebar menu with the following items: Status, Address setting, System setting (highlighted), Network setting (selected), Passwd setting, System output, System update, Reset device, and Reboot device. The main content area is titled 'Network setting' and contains the following fields:

- IP:
- mask:
- gateway:
- mac:
- dns1:
- dns2:

At the bottom of the form is a 'Set up' button.

2.3.3 Password Setting

Change the password – default user name and password are admin.

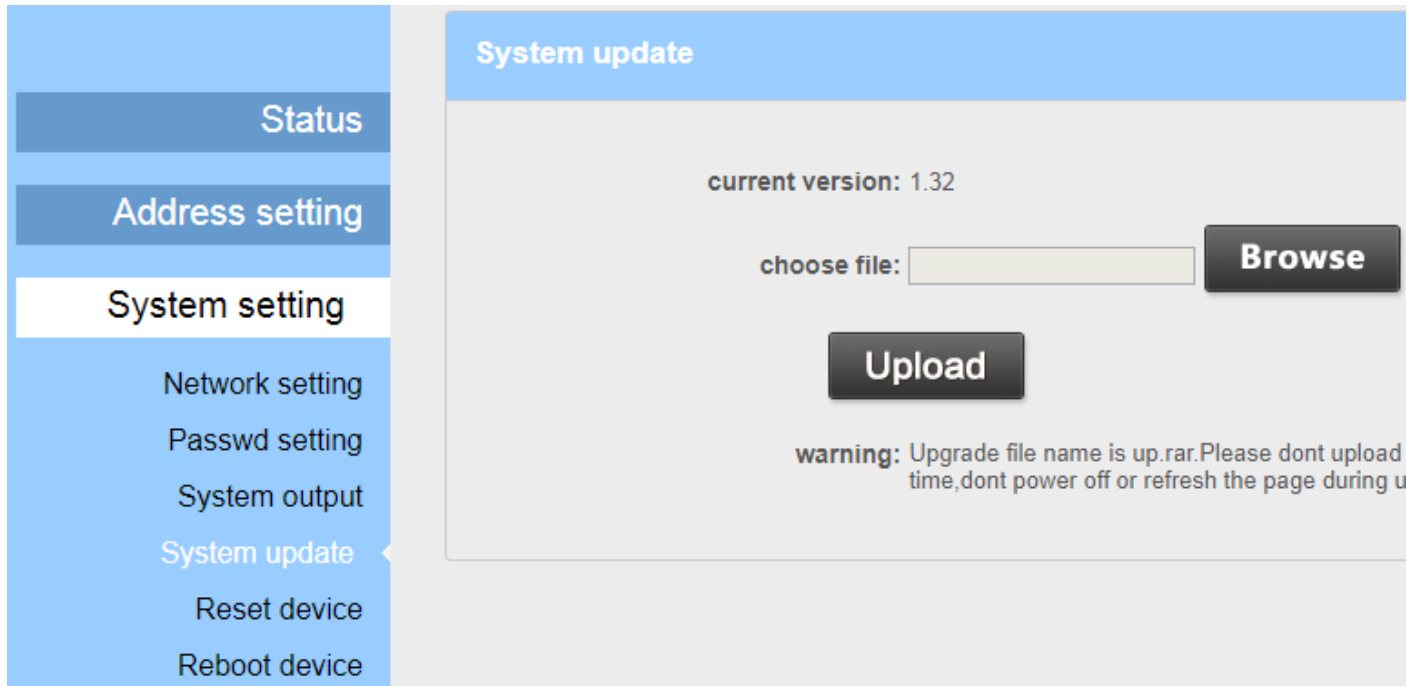
The screenshot shows a web interface for password configuration. On the left is a sidebar menu with the following items: Status, Address setting, System setting, Network setting, Passwd setting (selected), System output, System update, Reset device, and Reboot device. The main content area is titled 'Passwd setting' and contains the following fields:

- old pwd:
- new pwd:
- new pwd:

At the bottom of the form is a 'Modification' button.

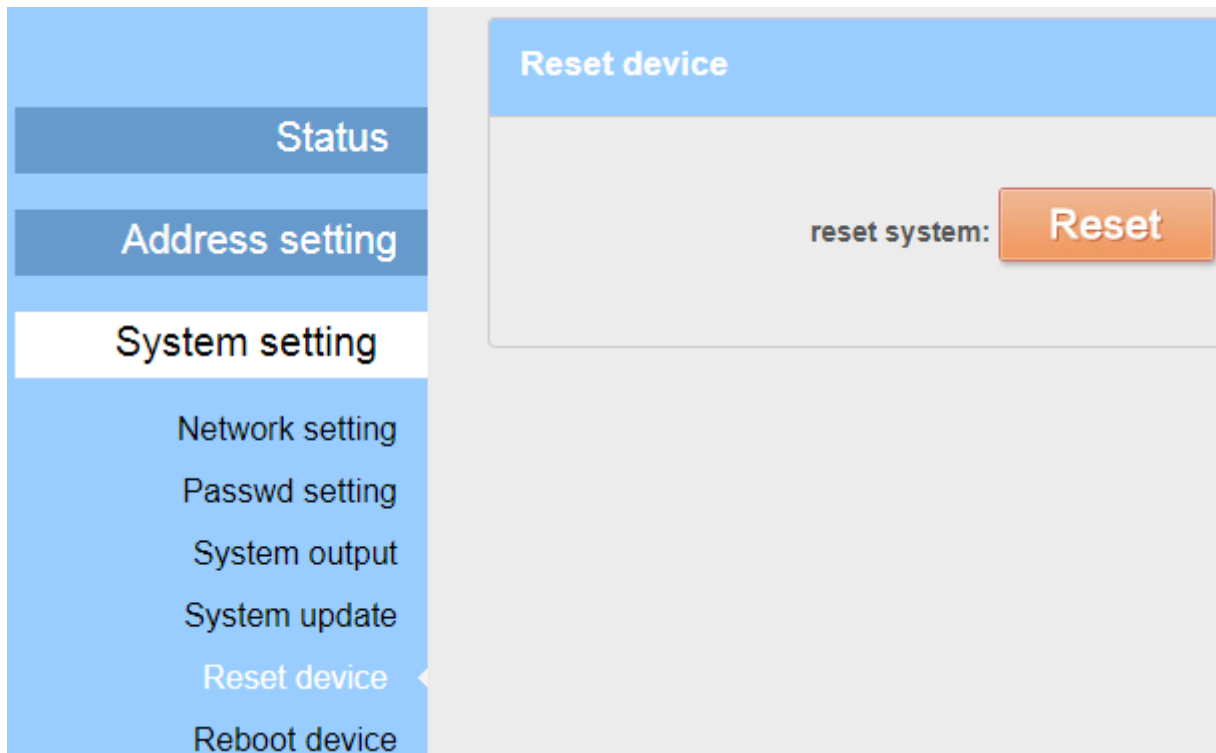
2.3.4 System Update

Ensure the Upgrade file name is up.rar. Please don't upload by different people at the same time, don't power off or refresh the page during upload.



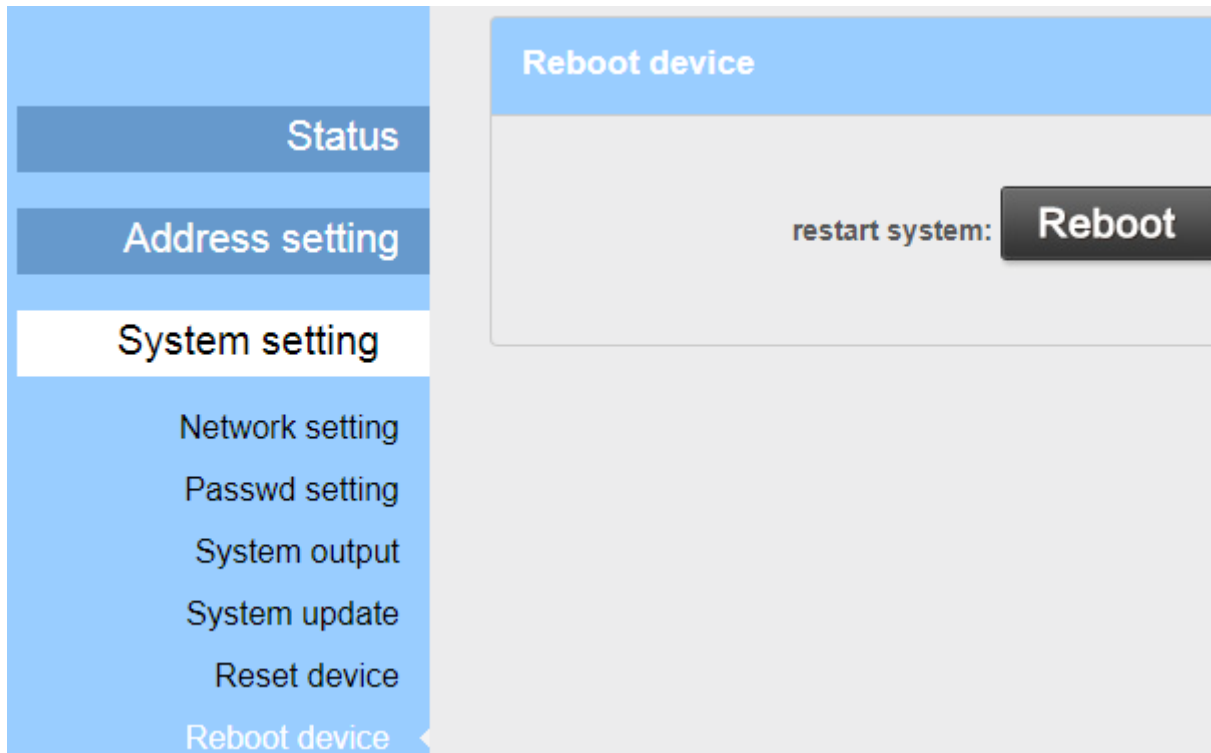
2.3.5 Reset device

After reset the device, all settings will roll back to factory settings.



2.3.6 Reboot Device

After your settings settled, then click the reboot button to let the settings effective.



2.4 Status

2.4.1 System Status

After all settings settled, from the status page, you can check each channel output video status, if any error, please ensure the streaming URL is correct.



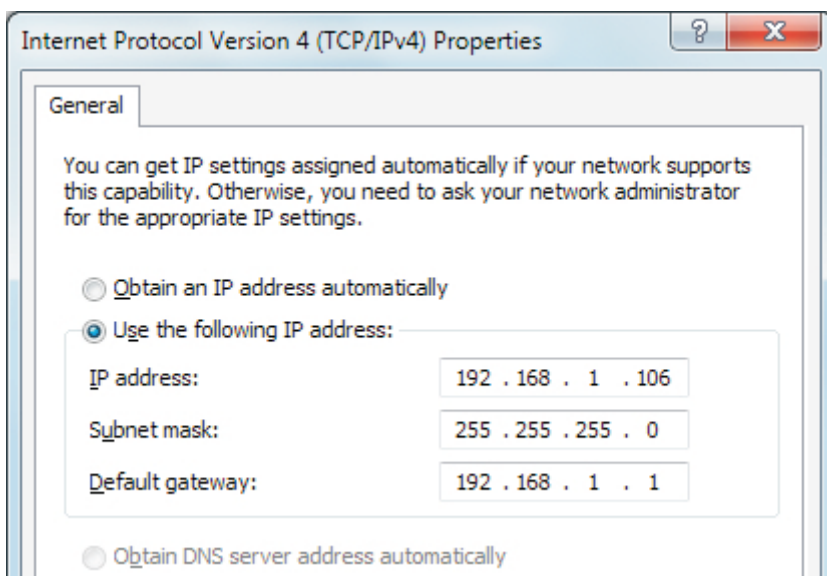
3. FAQ

3.1 How to reset the decoder?

When power on, hold the RST button around 10 seconds till the status led off, then release it, the decoder will be initialized.

3.2 I can't enter into the decoder control panel or ping it?

- 1) Ensure the decoder IP with your router in same gateway, such as Decoder IP is 192.168.1.169, but your router IP is 192.168.0.1 or else, in this situation, you need connect the decoder with your computer directly, and set the computer IP to 192.168.1.106, then enter the decoder control panel - Network, set the its IP to 192.168.0.169, click setup, and reboot the decoder.
- 2) Connect the decoder with your router or switch, change back your computer IP.
- 3) If still not works, pls contact us.



3.3 I can't watch the video on TV/Display.

Please ensure the streaming url is correct, and network connects good.