


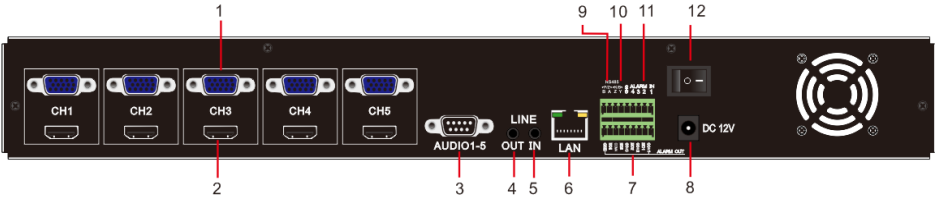
# **Decoder User Manual**

# 1 Front & Rear Panels Descriptions



**Front Panel**

Name	Description
SYS	System indicator-when the light is on, it means the authentication server is well connected to the decoder.
Net	Network indicator
Power	Power indicator
Fn	Reset the password of the decoder
	USB port



**Rear Panel**

Item	Description
1	5CH VGA ports. Connect to high-definition display device.
2	5CH HDMI ports. Connect to high-definition display device.
3	Audio output.
4	For two-way talk. Connect to sound box.
5	For two-way talk. Connect to active pickup.
6	Network port.
7	Alarm output. Connect to external alarm.
8	DC 12V power input.
9	P/Z: Connect to speed dome. Y is TX+, Z is TX-.
10	K/B Connect to keyboard. A is TX+, B is TX-.
11	Alarm inputs for connecting sensors.
12	Power switch.

## 2 Usage

The decoder shall be used with the NVMS together for decoding on the TV wall.

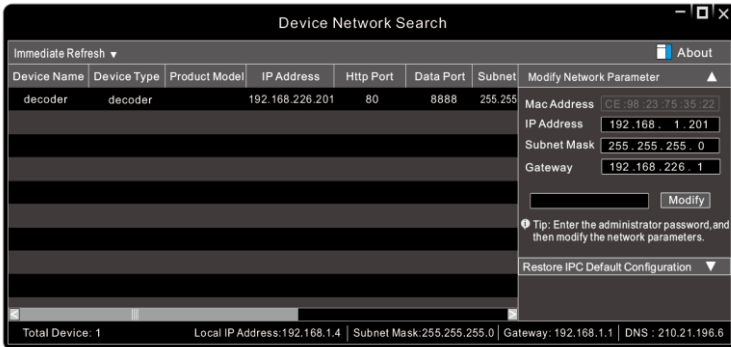
The default IP address: 192.168.0.210

The default name of the device: decoder.

The default user name: admin.

The default password: 123456.

- ① Make sure the PC and decoder are connected to the LAN and the IP-Tool is installed in the PC from the CD.
- ② Double click the IP-Tool icon to run this software. Then the device can be searched; if the device can't be searched, please check whether the PC and the device are connected to the network or not. Click the device to check its detail information as shown below:



- ③ Modify the IP address. Click the information of the decoder listed in the above table to show the network information. Modify the IP address and gateway of the decoder and make sure its network address is in the same local network segment as that of the computer. Please modify the IP address of your device according to the practical situation.
- ④ Run the authentication server of NVMS5000/CMS first and continuously. Create devices, users, media servers and TV Walls in Config Client and then start media transfer server and TV Wall Client (Please refer to NVMS5000/CMS User Manual for details).
- ⑤ Double click the decoder in IP-Tool and the system will pop up the IE browser to connect to the decoder. IE browser will automatically download the ActiveX control if you are the first time to login. After downloading, a login window will pop up as shown below.

Login	
User name:	<input type="text" value="admin"/>
Password:	<input type="password" value="•••••"/>
<input type="button" value="Login"/>	

- ⑥ In decoder configuration interface, input the server name, server password, authentication server IP, authentication server port and select video output and video format. Click “Save” to apply the settings.

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Configure Decoder	
Server Name:	<input type="text" value="1005"/>
Server Password:	<input type="password"/>
Authentication Server IP:	<input type="text" value="192.168.6.98"/>
Authentication Server Port:	<input type="text" value="6003"/>
Video Output:	<input type="text" value="1920x1080"/>
Video Format:	<input type="text" value="PAL"/>
<input type="button" value="Save"/>	
Modify User Password	
User Name:	<input type="text" value="admin"/>
Old Password:	<input type="password"/>
New Password:	<input type="password"/>
Input again:	<input type="password"/>
<input type="button" value="Modify Password"/>	
<a href="#">Modify IP/Port</a>	
Kernel Version:20141104	
Software Version:1.3.1	

**Server Name:** The name of the TV Wall which is created in NVMS5000/CMS.

**Server password:** The password of the TV Wall which is created in NVMS5000/CMS.

**Authentication Server IP:** The IP address of the authentication server in NVMS5000/CMS.

**Authentication Server Port:** The port of the authentication server in NVMS5000/CMS. The default authentication server port is 6003.

**Video Output:** Resolution of the live display interface.

**Video Format:** Two modes: PAL and NTSC. User can select the video format according to the cameras being used.

### Modify User Password:

You can modify the login password of the IE client by modifying user password here.



The decoder will reboot after modifying the settings. Please check whether the PC and the device are connected to the network or not.

### Modify IP Address:

You will see the following interface by clicking “Modify IP/Port”.

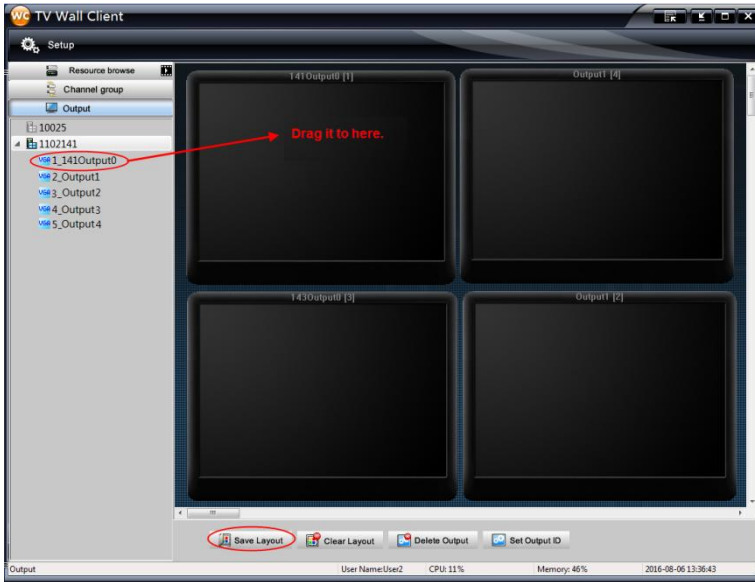
Here you can change the IP address, subnet mask, gateway, HTTP port and data port.

Configure Network	
IP:	<input type="text" value="192.168.6.24"/>
Netmask:	<input type="text" value="255.255.255.0"/>
Gateway:	<input type="text" value="192.168.6.1"/>
HTTP Port:	<input type="text" value="80"/>
Data Port:	<input type="text" value="8888"/>
<input type="button" value="Save"/>	

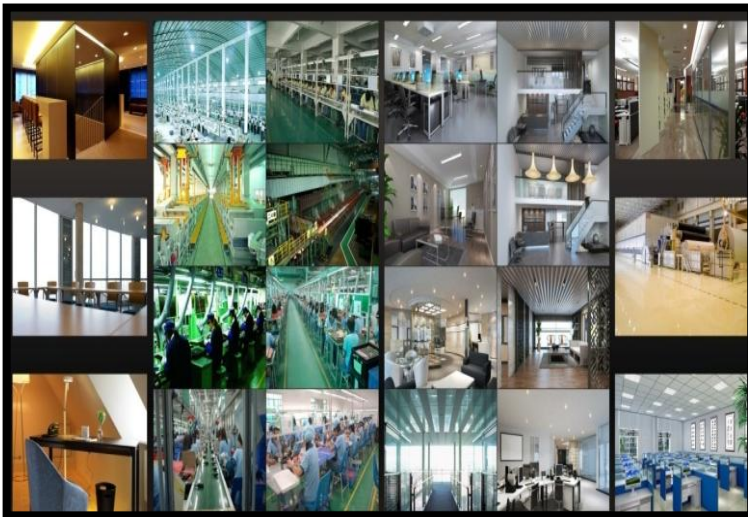
- ⑦ Run TV Wall Client and press the output name and drag them to the TV Wall Area one by one.

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Then select a screen mode, click “Resource browse” (or click “Channel Group” or click “Playback”) and drag channel (or channel group) to one screen as shown below.



The following pictures are the sample pictures displayed on the TV Wall.



Please make sure that Authentication Server and Media Transfer Server have run and TV Wall Client has been set well and devices have been connected well.

### 3 Specifications

Compression Format	H.264
Host Processor	Dual-core ARM Cortex A9 1G
Operating System	Embedded Linux
Video Output	HDMI×5, Resolution: 1920 × 1080/1280 × 1024 VGA×5, Resolution: 1920 × 1080/1280 × 1024
Decoding Capability	Total decoding: 1080P × 18/720P × 36/D1 × 72; CH5: 1080P × 6/720P × 12/D1 × 24
Frame Rate	1-25FPS/CH (PAL), 1-30FPS/CH (NTSC)
Screen Mode	1/4/9/16
Common Network Port	RJ45×1
Power Supply	DC12V
Temperature	-20°C ~ 50°C