

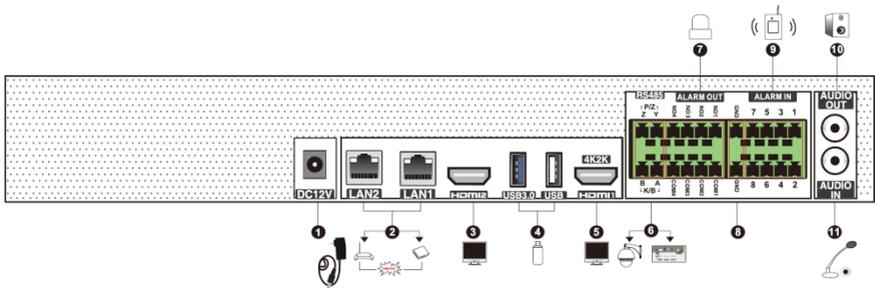
Decoder User Manual

1 Front & Rear Panels Descriptions



Front Panel

Name	Description
REC	The light is blue when the system is recording.
Net	The light turns blue when it is able to access the network.
Power	Power indicator, the light is blue when it is connected.
	Connect to external USB devices like USB flash, USB mouse, etc.



Rear Panel

Item	Name	Description
1	DC12V	Power input.
2	LAN	Network port.
3	HDMI port 2	Connect to high-definition display device. Resolution: 1920 × 1080/1280 × 1024.
4	USB	Connect to external USB devices.
5	HDMI port 1	Connect to high-definition display device. Resolution: 3840 × 2160/1920 × 1080/1280 × 1024.
6	PTZ port	P/Z: Connect to speed dome. Y is TX+, Z is TX-. K/B Connect to keyboard. A is TX+, B is TX-.
7	Alarm Out	Relay output. Connect to external alarm.
8	GND	Grounding.
9	Alarm In	Alarm inputs for connecting sensors.
10	Audio Out	Audio output. Connect to the sound box.
11	Audio In	1CH audio input. Connect to microphone.

2 Usage

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

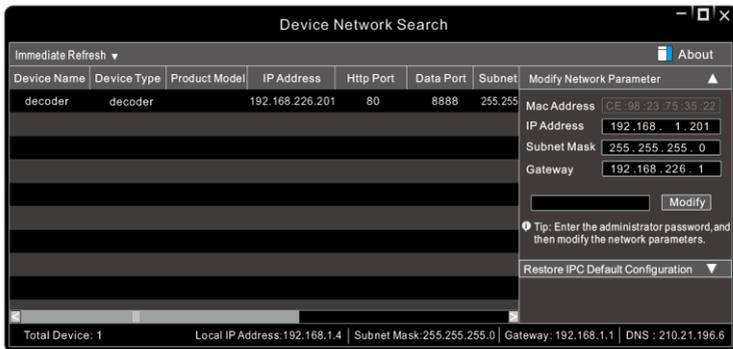
The default IP address: 192.168.0.210

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 first and continuously in NVMS. Create devices, users, media servers and TV Walls in Config Client and then start media transfer server and TV Wall Client (Please refer to NVMS 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:	admin <input type="text"/>
Password:	••••• <input type="password"/>
<input type="button" value="Login"/>	

- ⑥ In configure decoder 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.

Configure Decoder	
Server Name:	<input type="text" value="X1"/>
Server Password:	<input type="password"/>
Authentication Server IP:	<input type="text" value="192.168.12.210"/>
Authentication Server Port:	<input type="text" value="6003"/>
Video Output:	<input type="text" value="1024x768"/>
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"/>	

Server Name: The name of the TV Wall which is created in NVMS.

Server password: The password of the TV Wall which is created in NVMS.

Authentication Server IP: The IP address of the authentication server in NVMS.

Authentication Server Port: The port of the authentication server in NVMS. 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.

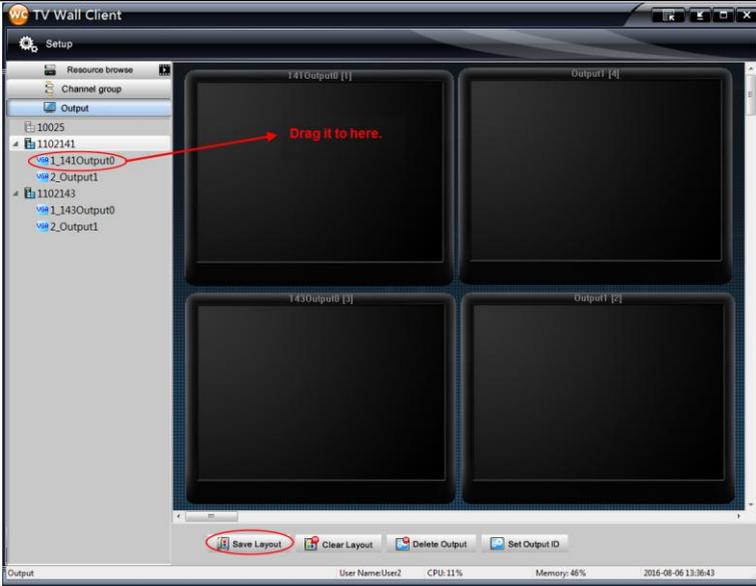
Modify User Password:

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

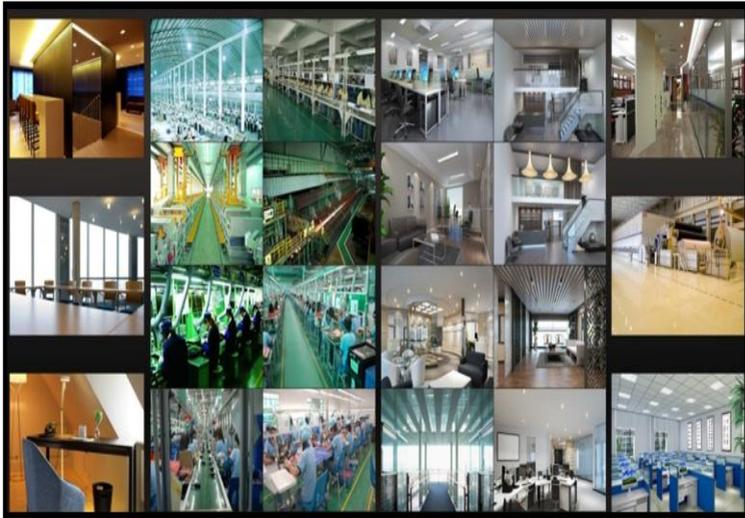


The decoder will reboot after modifying the configures. Please check whether the PC and the device are connected to the network or not.

- ⑦ Run TV Wall Client and press the output name and drag them to the TV Wall Area one by one. 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. Then the TV Wall Server can display images normally.

3 Specifications

Compression Format	H.265/H.264
Video Output	HDMI×2 Resolution of HDMI 1: 3840 × 2160/1920 × 1080/1280 × 1024; Resolution of HDMI 2: 1920 × 1080/1280 × 1024
Decoding Resolution	8MP/5MP/4MP/3MP/1080P/960P/720P/WD1/D1/CIF
Decoding Capability	4CH: 8MP/5MP for real-time decoding; 8CH: 4MP/3MP/1080P for real-time decoding; 32CH: 720P/WD1/D1/CIF for real-time decoding
Common Network Port	RJ45×2; RS485
Audio Input	RAC × 1
Audio Output	RAC × 1
Alarm Input	8CH
Alarm Output	4CH
Communication Interface	RS485; USB3.0 × 1, USB2.0 × 2
Power Supply	DC12V
Temperature	-20°C ~ 50°C