

User's Manual of DecoderConfig Software

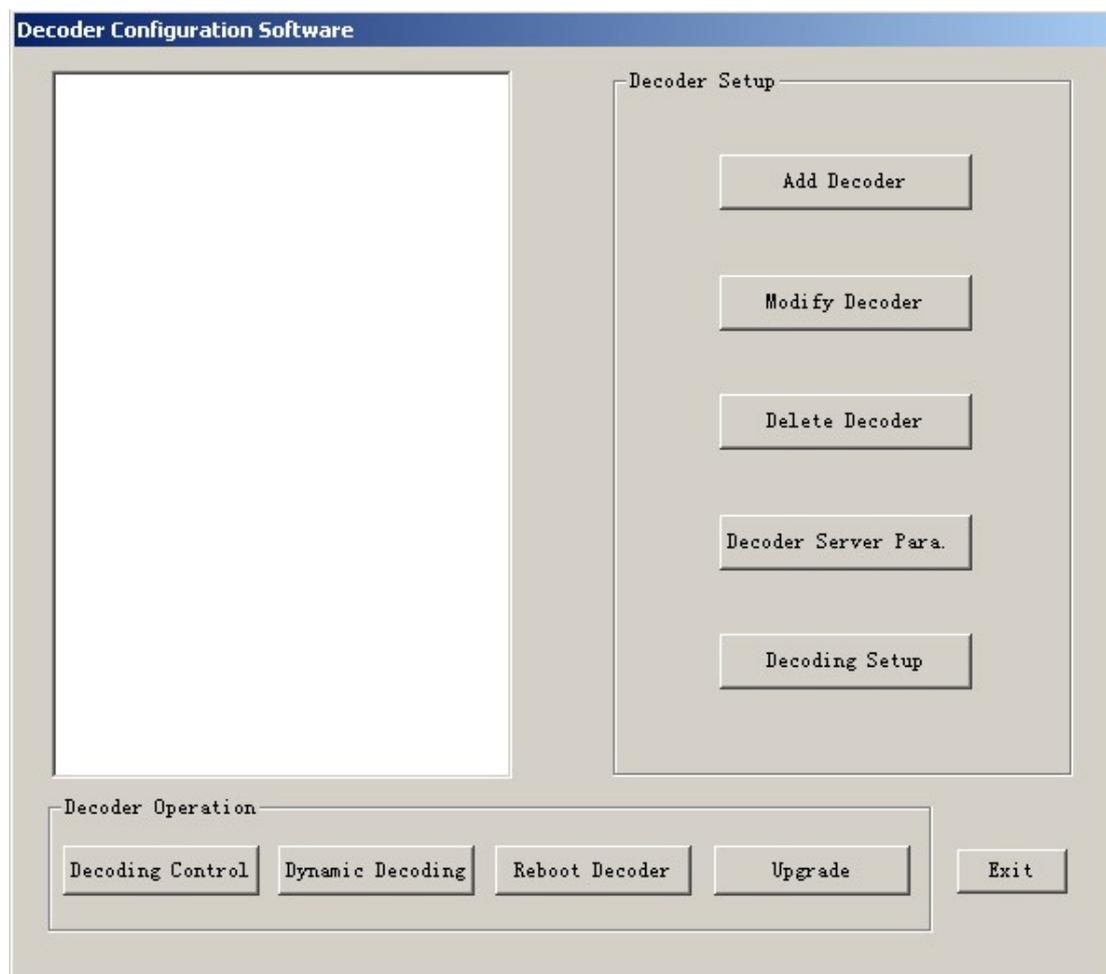
Thanks for your purchasing our Embedded Decoder Server IVS-170BE or IVS-170BD. The decoder server can decode the compression stream from our Embedded DVR or Embedded DVS. Please use the decoder config software to remote setup the decoder server.

1. Login:

After you install the decoder config software, double click the decoder config exe file, a login dialog will be appeared as following:



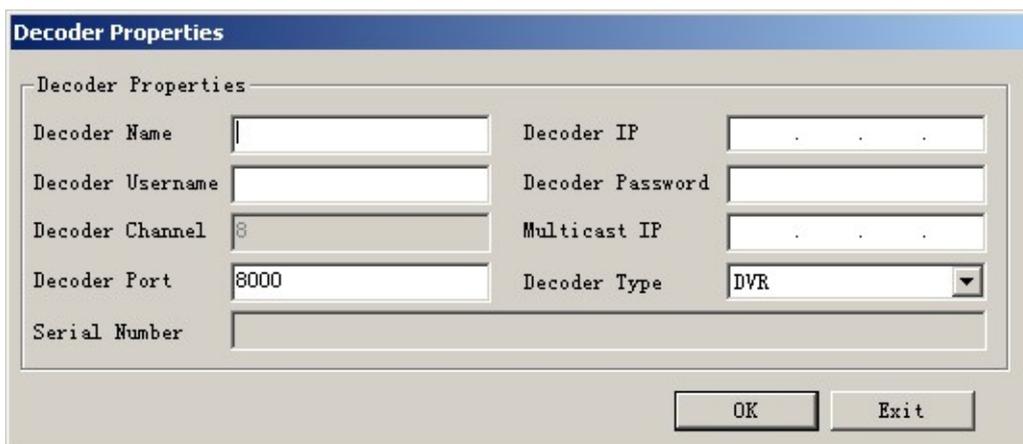
The default username and password are both “super”. After you input the username and password, you can enter into the main interface.



2. Add Decoder

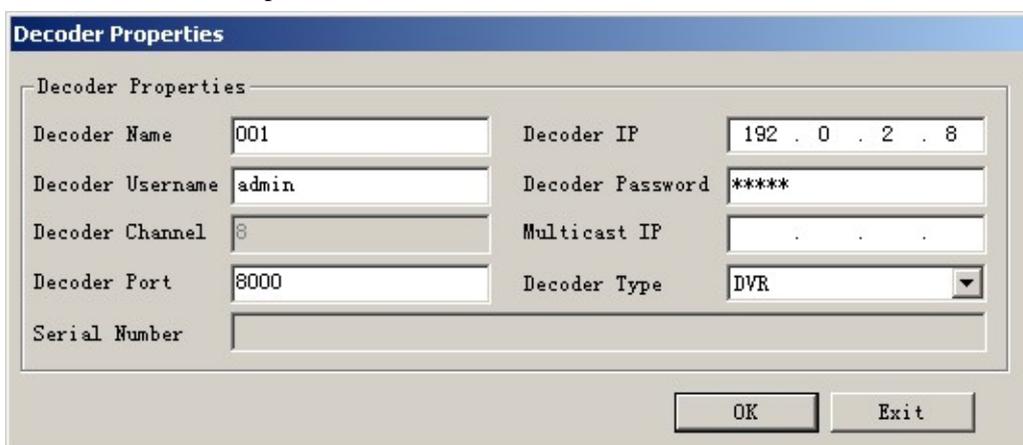
In the software main interface, click “Add Decoder” button, you can enter into the following

dialog box to add a new decoder server.



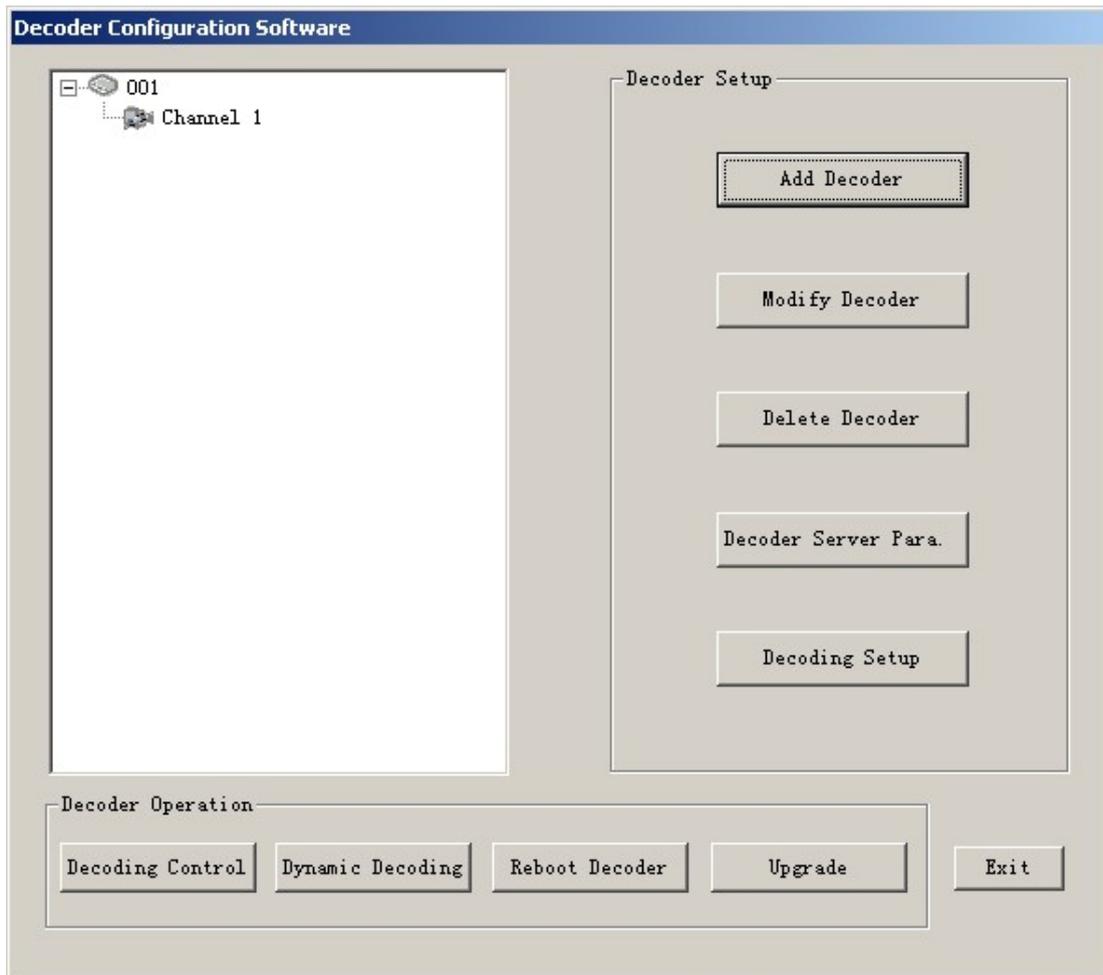
The screenshot shows a dialog box titled "Decoder Properties". It contains several input fields and a dropdown menu. The fields are: Decoder Name (empty), Decoder IP (empty), Decoder Username (empty), Decoder Password (empty), Decoder Channel (8), Multicast IP (empty), Decoder Port (8000), Decoder Type (DVR), and Serial Number (empty). There are "OK" and "Exit" buttons at the bottom right.

Input the decoder name, decoder IP, decoder username and decode password as following:
The default username and password for decoder are “admin”, “12345”.



The screenshot shows the same "Decoder Properties" dialog box, but with the following values entered: Decoder Name (001), Decoder IP (192 . 0 . 2 . 8), Decoder Username (admin), Decoder Password (*****), Decoder Channel (8), Multicast IP (empty), Decoder Port (8000), Decoder Type (DVR), and Serial Number (empty). The "OK" and "Exit" buttons are still present at the bottom right.

Please make sure the network is well, then press “OK” button, the software will connect the corresponding decoder server and register successfully. After the client software connects with decoder server successfully, the new added decoder server will be list on the left tree as following:



3. Decoding Setup

Select the new added decoder server name, click “Decoding Setup” button, the software will read the decoding parameters from decoder server via network and display as following:

For IVS-170BE/IVS-170BD, there is one video output channel. This video channel can max display 4-screen decoded stream.

Decoding Window Number:

This item has 0, 1, 2, 3, 4 options.

0 means not decoding and not display.

1 means decoding and display one stream in 1-screen.

2 means decoding and display two streams at the same time in 4-screen.

3 means decoding and display three streams at the same time in 4-screen.

4 means decoding and display four streams at the same time in 4-screen.

Decoding Window No.:

Setup the decoding channel parameter for each decoding window. If you select 4-screen, you can setup for these 4 decoding windows individually.

Cycle Decoding Setup:

For each decoding window, it can max cycle decoding 4 different network stream. If you select 4 decoding window number, and each window cycle decoding 4 network stream, the decoder server will remember 4*4 different encoder channel parameters. The decoder server will decode and display 4 network stream at one time and will cycle different 4-screen for 4 times.

If you do not enable cycle decoding function, the decoder will only decoding and display the 1st stream source of each window.

Click “OK”, “OK” and “Save” buttons, these parameters will be saved in decoder (IVS-170BE/DI) FLASH memory. Please reboot decoder to make the parameters into effective.

4. Dynamic decoding

You can ask decoder to decode video stream from any encoder at any time. Click “Dynamic

Decoding” button to enter into following dialog box:



The image shows a software dialog box titled "Dynamic Decoding Control". It contains a section for "Dynamic Decoding Configuration" with several input fields and dropdown menus. The fields are: "Decoding Window No." (dropdown menu with "First Window" selected), "Encoder IP" (text input field), "Encoder Username" (text input field), "Encoder Password" (text input field), "Encoder Port" (text input field with "8000" entered), "Network Protocol" (dropdown menu with "TCP" selected), "Encoder Channel No." (dropdown menu with "1" selected), and "Stream Type" (dropdown menu with "Main Stream" selected). At the bottom of the dialog box, there are three buttons: "Start Decoding", "Stop Decoding", and "Exit".

You can input any encoder IP address and related information. Press “Start Decoding” button, decoder will connect the corresponding encoder to get video stream via network.