



Figure 4-15

Right click mouse to cancel zoom and go back to the original interface.

### 3) Manual record function

It is to backup the video of current channel to the USB device. System can not backup the video of multiple-channel at the same time.

Click button , system begins recording. Click it again, system stops recording. You can find the record file on the flash disk.

### 4) Manual Snapshot

Click  to snapshot 1-5 times. The snapshot file is saved on the USB device or HDD. You can go to the Search interface (chapter 4.9.1) to view.

### 5) Freeze

Click , it is to pause current video.

### 6) Mute (For analog channel only)

Click to mute. Click again to enable audio function when preview.

Please note this function is for one-window mode only or the max-size window of the 8-window mode.

### 7) Bidirectional talk (For digital channel only)

If the connected front-end device supports bidirectional talk function, you can click this button. Click button  to start bidirectional talk function the icon now is shown as

. Now the rest bidirectional talk buttons of digital channel becomes null too.

Click  again, you can cancel bidirectional talk and the bidirectional talk buttons of other digital channels become as .

### 8) Remote device (For digital channel only)

Shortcut menu. Click it to go to the remote device interface to add/delete remote device or view its corresponding information. Please refer to chapter 4.11.1.1 for detailed information.

## 4.5 Right-Click Menu

On the preview interface, right click mouse, you can view menu interface shown as in Figure 4-16.

**Tips**

After you go to the corresponding interface, right click mouse to go back to the upper-level.

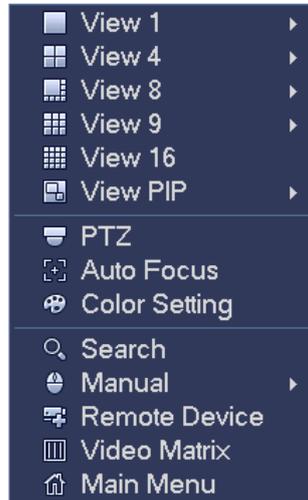


Figure 4-16

**4.5.1 Window Switch**

System supports 1/4/8/9-window. You can select from the dropdown list. See Figure 4-17.

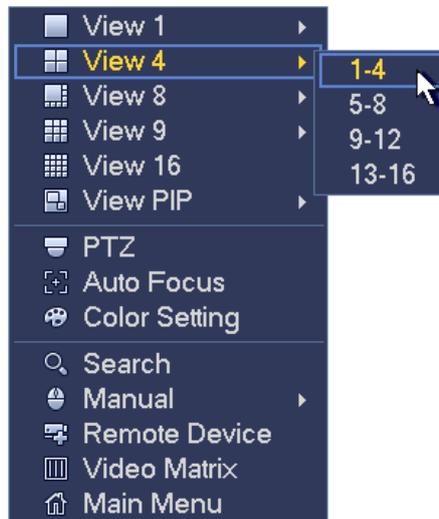


Figure 4-17

**4.5.2 PIP**

It is to realize picture in picture function in 1-window mode.

The small window supports instance playback, digital zoom and etc.

- Window switch: Double click the small window, you can switch the position of the large window and the small window.
- Small-window drag: Left click the small window, you can drag it to any position you desire.
- Digital zoom: Move the mouse to the margin, you can drag to zoom in or zoom

output.

On the preview interface of the channel 1, right click mouse and then select channel 3, you can overlay video from channel 3 on the channel 1. See Figure 4-18 and Figure 4-18.

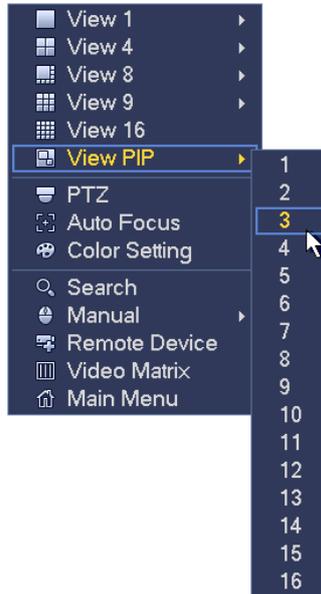


Figure 4-18



Figure 4-19

Go to the 1-winode mode, on the navigation bar, click , you can see the video on the large window and the video from the next channel is the default video on the small window.

If you have set PIP function, you can click  to view the last edited PIP video.

### 4.5.3 PTZ Control

The PTZ setup is shown as in See Figure 4-20.

Please note the commend name is grey once device does not support this function.

The PTZ operation is only valid in one-window mode.

Here you can control PTZ direction, speed, zoom, focus, iris, preset, tour, scan, pattern aux function, light and wiper, rotation and etc.

Speed is to control PTZ movement speed. The value ranges from 1 to 8. The speed 8 is faster than speed 1. You can use the remote control to click the small keyboard to set.

You can click  and  of the zoom, focus and iris to zoom in/out, definition and brightness.

The PTZ rotation supports 8 directions. If you are using direction buttons on the front panel, there are only four directions: up/down/left/right.

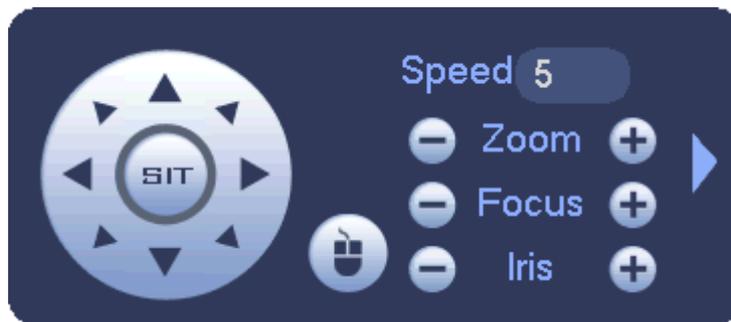


Figure 4-20

In the middle of the eight direction arrows, there is a 3D intelligent positioning key. See Figure 4-21. Please make sure your protocol supports this function and you need to use mouse to control.

Click this key, system goes back to the single screen mode. Drag the mouse in the screen to adjust section size. The dragged zone supports 4X to 16X speeds. It can realize PTZ automatically. The smaller zone you dragged, the higher the speed.



Figure 4-21

Name	Function key	function	Shortcut key	Function key	function	Shortcut key
Zoom		Near			Far	
Focus		Near			Far	
Iris		close			Open	

#### 4.5.3.1 Coaxial Control

##### Important

- Coaxial control function is for some series cameras only
- Please refer to the user's manual for detailed information.

In Figure 4-24, there are two ways for you to call the menu and set.

- a) Click "Iris +" to call the OSD menu of the HDCVI camera. See Figure 4-22. Use direction buttons to select the parameters and click the "Iris +" to confirm.



Figure 4-22

- b) Click , you can view menu operation interface. See Figure 4-23. Click the Enter button, you can see the OSD menu of the HDCVI camera. See Figure 4-22. Use direction buttons to select the parameters and click the "OK" to confirm.



Figure 4-23

#### 4.5.3.2 PTZ Setup

In Figure 4-20, click  to open the menu, you can set preset, tour, pattern, scan and etc. See Figure 4-24.

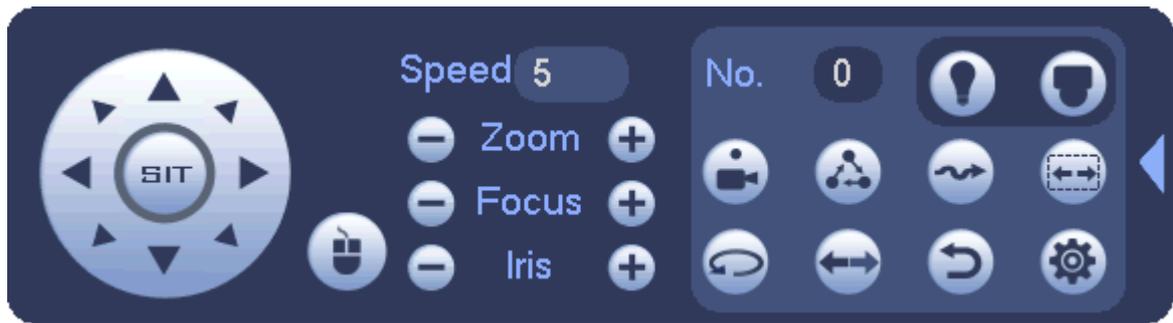


Figure 4-24

Please refer to the following sheet for detailed information.

Please note the above interface may vary due to different protocols. The button is grey and can not be selected once the current function is null.

Right click mouse or click the ESC button at the front panel to go back to the Figure 4-20.

Icon	Function	Icon	Function
	Preset		Flip
	Tour		Reset
	Pattern		Aux
	Scan		Aux on-off button
	Rotate		Go to menu

#### 4.5.3.3 PTZ Function Setup



Click , you can go to the following interface to set preset, tour, pattern, and scan. See Figure 4-25.



Figure 4-25

**Preset Setup**

In Figure 4-25, click preset button and use eight direction arrows to adjust camera to the proper position. The interface is shown as in Figure 4-26.

Click Set button and then input preset number.

Click Set button to save current preset.



Figure 4-26

**Tour Setup**

In Figure 4-25, click tour button.

Input tour value and preset No. Click Add preset button to add current preset to the tour. See Figure 4-27.

**Tips**

Repeat the above steps to add more presets to the tour. Click Del preset button to remove it from the tour. Please note some protocols do not support delete preset function.



Figure 4-27

**Pattern Setup**

In Figure 4-25, click Pattern button and input pattern number.

Click Begin button to start direction operation. Or you can go back to Figure 4-20 to operate zoom/focus/iris/direction operation.

In Figure 4-25, click End button.



Figure 4-28

**Scan Setup**

In Figure 4-25, click Scan button.

Use direction buttons to set camera left limit and then click Left button.

Use direction buttons to set camera right limit and then click Right button. Now the scan setup process is complete.



Figure 4-29

#### 4.5.3.4 Call PTZ Function

##### Call Preset

In Figure 4-24, input preset value and then click  to call a preset. Click  again to stop call.

##### Call Pattern

In Figure 4-24, input pattern value and then click  to call a pattern. Click  again to stop call.

##### Call Tour

In Figure 4-24, input tour value and then click  to call a tour. Click again  to stop call.

##### Call Scan

In Figure 4-24, input Scan value and then click  to call a tour. Click again  to stop call.

##### Rotate

In Figure 4-24, click  to enable the camera to rotate. System supports preset, tour, pattern, scan, rotate, light and etc function.

##### Note:

- Preset, tour and pattern all need the value to be the control parameters. You can define it as you require.
- You need to refer to your camera user's manual for Aux definition. In some cases, it can be used for special process.

**Aux**



Click , system goes to the following interface. The options here are defined by the protocol. The aux number is corresponding to the aux on-off button of the decoder. See Figure 4-30.



Figure 4-30

**4.5.4 Auto Focus**

It is to set auto focus function. Please make sure the camera supports this function.

**4.5.5 Color**

This function is for one-channel mode only.

Here you can set hue, brightness, contrast, saturation, gain, white level, color mode and etc. See Figure 4-31.

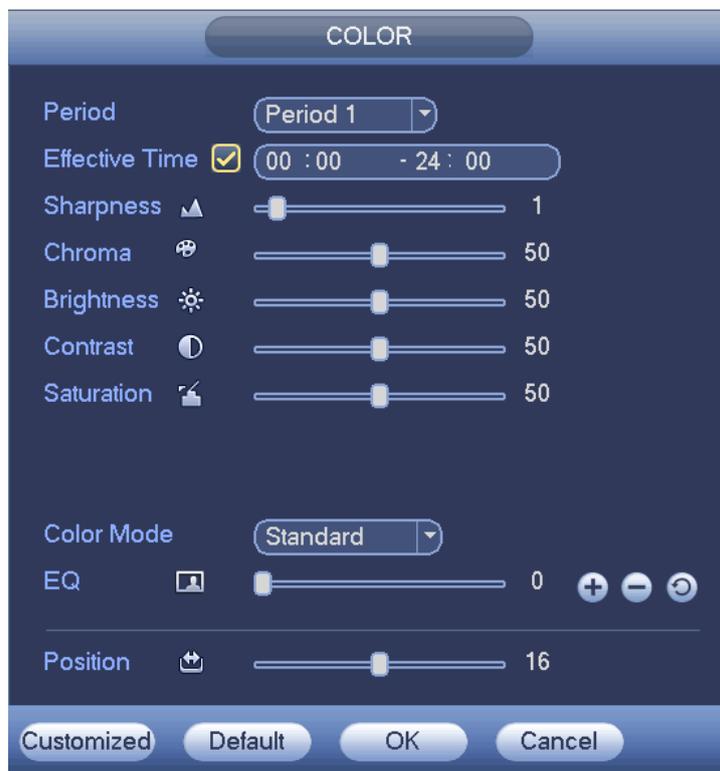


Figure 4-31

Please refer to the following sheet for detailed information.

Item	Note
Period	There are two periods in one day. You can set different sharpness, brightness, and contrast setup for different periods.
Effective Time	Check the box here to enable this function and then set period time.
Sharpness	The value here is to adjust the edge of the video. The value ranges from 0 to 100. The larger the value is, the clear the edge is and vice versa. Please note there is noise if the value here is too high. The default value is 50 and the recommended value ranges from 40 to 60.
Brightness	<p>It is to adjust monitor window bright. The value ranges from 0 to 100. The default value is 50.</p> <p>The larger the number, the bright the video is. When you input the value here, the bright section and the dark section of the video will be adjusted accordingly. You can use this function when the whole video is too dark or too bright. Please note the video may become hazy if the value is too high. The recommended value ranges from 40 to 60.</p>
Contrast	<p>It is to adjust monitor window contrast. The value ranges from 0 to 100. The default value is 50.</p> <p>The larger the number, the higher the contrast is. You can use this function when the whole video bright is OK but the contrast is not proper. Please note the video may become hazy if the value is too low. If this value is too high, the dark section may lack brightness while the bright section may over exposure .The recommended value ranges from 40 to 60.</p>
Saturation	<p>It is to adjust monitor window saturation. The value ranges from 0 to 100. The default value is 50.</p> <p>The larger the number, the strong the color is. This value has no effect on the general brightness of the whole video. The video color may become too strong if the value is too high. For the grey part of the video, the distortion may occur if the white balance is not accurate. Please note the video may not be attractive if the value is too low. The recommended value ranges from 40 to 60.</p>
Gain	The gain adjust is to set the gain value. The default value may vary due to different device models. The smaller the value, the low the noise. But the brightness is also too low in the dark environments. It can enhance

Item	Note
	the video brightness if the value is high. But the video noise may become too clear.
White level	It is to enhance video effect.
Color mode	<ul style="list-style-type: none"> <li>● It includes several modes such as standard, color, bright, gentle. Select a color mode, the sharpness, brightness, contrast and etc can automatically switch to corresponding setup.</li> <li>● Customized: It is to set four color modes. Check all to set video sharpness, hue, brightness, contrast. Click OK to complete the customized setup.</li> </ul>
EQ (Image equalization)	Click reset button, you can restore saturation value to the default setup.
Image position (For analog channel only)	It is to adjust the image position on the screen. The number here refers to the pixel. The default pixel is 16.
Customized	Click it to set customized setup.

#### 4.5.6 Search

Please refer to chapter 4.9.1 for detailed information.

#### 4.5.7 Manual Record

Please refer to chapter 4.11.4.3.1 for detailed information.

#### 4.5.8 Alarm Output

Please refer to chapter 4.11.3.4 for detailed information.

#### 4.5.9 Remote Device

Please note it is for digital channel only.

Please refer to chapter 4.11.1.1 for detailed information.

#### 4.5.10 Video Matrix

Please refer to chapter 4.11.5.3 for detailed information.

#### 4.5.11 Main menu

Please refer to chapter 4.8 for detailed information.

### 4.6 Navigation Bar

You need to go to the Main menu->Setting->System->General to enable navigation bar function; otherwise you can not see the following interface.

The navigation bar is shown as below. See Figure 4-32.