

3.1 Introduction of Live View

Live view shows you the video image getting from each camera in real time. The NVR automatically enters Live View mode when powered on.

Live View Icons

In the live view mode, there are icons at the right top of the screen for each channel, showing the status of the record and alarm in the channel, so that you can know whether the channel is recorded, or whether there are alarms occur as soon as possible.

Table 3. 1 Description of Live View Icons

Icons	Description
	Alarm (video loss, tampering, motion detection or sensor alarm)
	Record (manual record, schedule record, motion detection or alarm triggered record)
	Alarm & Record

3.2 Operations in Live View Mode

In live view mode, there are many functions provided. The functions are listed below.

- **Single Screen:** showing only one screen on the monitor.
- **Multi-screen:** showing multiple screens on the monitor simultaneously.
- **Auto-switch:** the screen is auto switched to the next one. And you must set the dwell time for each screen on the configuration menu before enabling the auto-switch.
Menu>Configuration>Live View>General.
- **Start Recording:** continuous record and motion detection record are supported.
- **Output Mode:** select the output mode to Standard, Bright, Gentle or Vivid.
- **Playback:** playback the recorded videos for current day.
- **Add IP Camera:** The shortcut to add IP camera automatically or manually.

3.2.1 Using the Mouse in Live View

Table 3. 2 Mouse Operation in Live View

Name	Description
Menu	Enter the main menu of the system by right clicking the mouse.
Single Screen	Switch to the single full screen by choosing channel number from the dropdown list.
Multi-screen	Adjust the screen layout by choosing from the dropdown list.
Previous Screen	Switch to the previous screen.
Next Screen	Switch to the next screen.
Start/Stop Auto-switch	Enable/disable the auto-switch of the screens.
Start Recording	Start continuous recording or motion detection recording of all channels.
Add IP Camera	Add IP camera automatically or manually.
Playback	Enter the playback interface and start playing back the video of the selected channel immediately.
Output Mode	Four modes of output supported, including Standard, Bright, Gentle and Vivid.

Note: The *dwell time* of the live view configuration must be set before using **Start Auto-switch**.

Note: If the corresponding camera supports intelligent function, the Reboot Intelligence option is included when right-clicking mouse on this camera.

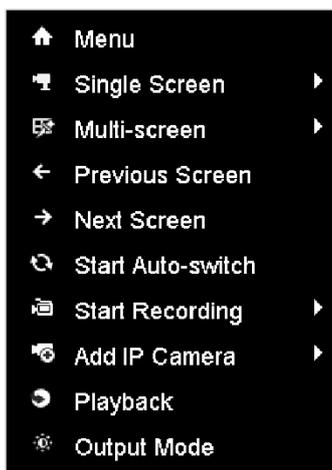


Figure 3. 1 Right-click Menu

3.2.2 Quick Setting Toolbar in Live View Mode

On the screen of each channel, there is a quick setting toolbar which shows when you single click the mouse in the corresponding screen.



Figure 3. 2 Quick Setting Toolbar

Table 3. 3 Description of Quick Setting Toolbar Icons

Icons	Description	Icons	Description	Icons	Description
	Enable/Disable Manual Record		Instant Playback		Mute/Audio on
	PTZ Control		Digital Zoom		Image Settings
	Live View Strategy		Close		

Instant Playback only shows the record in last five minutes. If no record is found, it means there is no record during the last five minutes.

Digital Zoom can zoom in the selected area to the full screen. You can click and draw to select the area to zoom in, as shown in Figure 3. 3.



Figure 3.3 Digital Zoom



Image Settings icon can be selected to enter the Image Settings menu.

You can set the image parameters like brightness, contrast, saturation and hue.

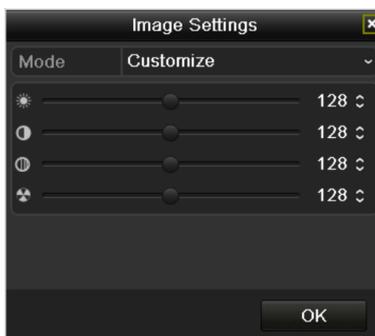


Figure 3.4 Image Settings- Customize



Live View Strategy can be selected to set strategy, including Real-time, Balanced, Fluency.

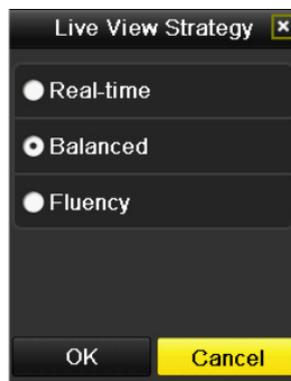


Figure 3.5 Live View Strategy

3.3 Adjusting Live View Settings

Purpose:

Live View settings can be customized according to different needs. You can configure the output interface, dwell time for screen to be shown, mute or turning on the audio, the screen number for each channel, etc.

Steps:

1. Enter the Live View Settings interface.

Menu> Configuration> Live View

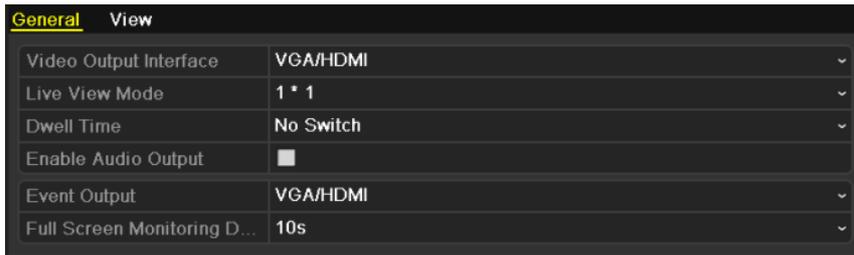


Figure 3. 6 Live View-General

The settings available in this menu include:

- **Video Output Interface:** Designates the output to configure the settings for. Only VGA/HDMI is selectable by default.
- **Live View Mode:** Designates the display mode to be used for Live View.
- **Dwell Time:** The time in seconds to *dwell* between switching of channels when enabling auto-switch in Live View.
- **Enable Audio Output:** Enables/disables audio output for the selected video output.
- **Event Output:** Designates the output to show event video.
- **Full Screen Monitoring Dwell Time:** The time in seconds to show alarm event screen.

2. Setting Cameras Order

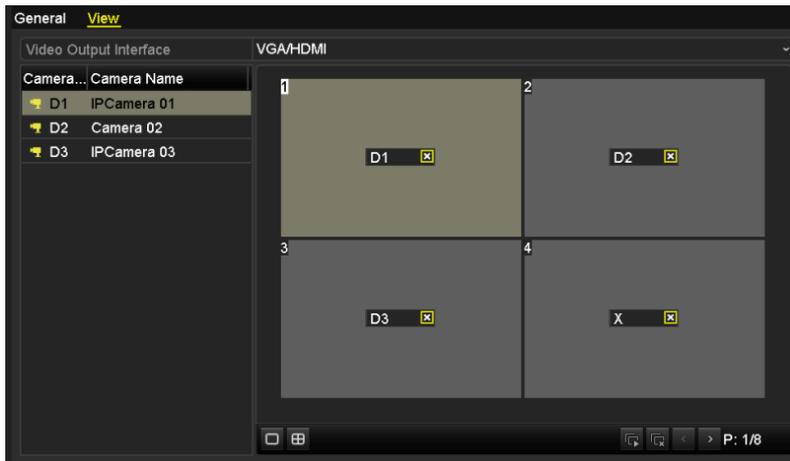


Figure 3. 7 Live View- Camera Order

To set the camera order:

- 1) Select a **View** mode in

- 2) Select the small window, and double-click on the channel number to display the channel on the window.

You can click  button to start live view for all the channels and click  to stop all the live view.

- 3) Click the **Apply** button to save the setting.