

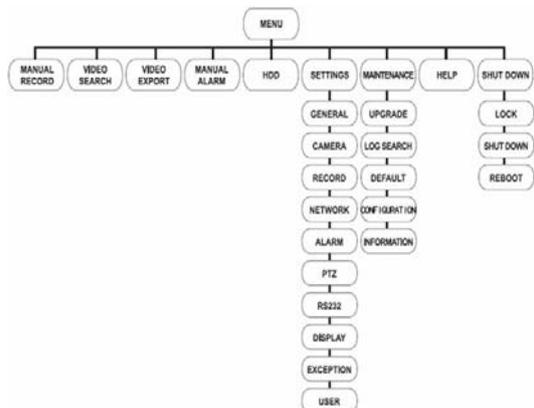
# Quick Start Guide

DS-7200HVI-ST Series DVR (V1.0.2)



## Menu Structure

The menu structure of the DS-7200HVI-ST Series DVR is as followed:



## Startup and Shutdown

Proper startup and shutdown procedures are crucial to expanding the life of your DVR.

To start your DVR:

1. Ensure the power supply is plugged into an electrical outlet. It is **HIGHLY** recommended that an Uninterruptible Power Supply (UPS) is used in conjunction with the unit.
2. Press the POWER switch on the rear panel. After the power has been started up, the POWER indicator will light green.

To shut down the DVR:

1. Enter the Shutdown menu by clicking on Menu > ShutDown.



2. Select the *ShutDown* button.
3. Click the *Yes* button.

## Using the Setup Wizard

By default, the Setup Wizard will start once the DVR has loaded. The Setup Wizard will walk you through some of the

more important settings of your DVR. If you do not wish to use the Setup Wizard at this time, click the Cancel button.

You may also choose to use the Setup Wizard at a later time by leaving the “**Start Wizard when DVR starts?**” checkbox checked.

To start using the Setup Wizard:



1. Click the *Next* button on the Wizard window.
2. This will take you to the **User Permission** window.



3. Navigate to the **Admin Password** input field.
4. Enter the admin password into the **Admin Password** input field. By default, the password is 12345.



5. To change the admin password, check the **New Admin Password** checkbox.
6. Click the *Next* button. This will take you to the **HDD Management** window.

7. To start HDD management, click the *Enter* button.



8. If a new HDD was recently installed, select the HDD from the list to initialize it. Initializing the HDD will format and remove all data from it.
9. After the HDD has been initialized, click the *OK* button which will take you back to the **Setup Wizard** window.
10. Click the *Next* button. This will take you to the **Record**

Settings Window.

- To enter the Record Settings window, click the *Enter* button.



- Select the **Schedule** tab.

- Click the **Edit** button. This will open up a new recording schedule.

- Check both the **Enable Schedule** and **All Day** checkbox. This will enable the recording schedule and have it record continuously all day.



- Click the **OK** button.

This will take you back to the **Schedule** tab. To copy the schedule to a different channel,



select the channel or all under *Copy To* and click the *Copy* button.

- Click the **Next** button. This will take you to the **Network Settings** window.



- To configure

network settings, click the *Enter* button.

- Enter the **IP Address**, **Subnet Mask** and **Default Gateway**.

- Click the **OK** button to return to the Setup Wizard.

- Click the **Next** button.

This will take you to the **Camera Management** window.



- Select Add to add IP

camera, and click *OK* to return to Setup Wizard.

- If all the settings are entered as desired, click the *Done*

button to finish and exit the Setup Wizard.

Congratulations! You've completed the Setup Wizard. The next step in the initial setup process is to setup the system date and time.

## Setting Date & Time

It is extremely important to setup the system date and time to accurately timestamp recordings and events.

To set date and time:

- Enter **General Settings** menu by clicking **Menu> Settings > General**.
- Enter the correct date and time under **System Time**.



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

## Live View

Some icons are provided on screen in Live Preview mode to indicate different camera status. These icons include:



**Main Output**



**Aux Output**



**Event Alarm:** Indicates video loss, video tampering, motion detection or relay alarm.



**Record:** Indicates the current channel is recording.

The recording may have been started manually, from a schedule, and/or triggered from motion or alarm.



**Event Alarm & Record**

## PTZ Control

Settings for a PTZ camera must be configured before it is used. Before proceeding, verify that the PTZ and RS-485 of

the DVR are connected properly.

## PTZ Settings

To configure PTZ settings:

1. Click Menu > Settings > PTZ to enter the **PTZ Settings** menu.
2. Select channel where PTZ camera is installed next to Camera label.
3. Configure the settings of baud rate, data bit, stop bit, parity, flow control, PTZ protocol and address.
4. Click *OK* to save settings and exit the PTZ Settings menu.



## PTZ Control

The PTZ control panel in the live preview window provides a series of PTZ control buttons, as shown in the following figure:



1. **Directional Pad/Auto-scan Buttons:** Controls the movements and directions of the PTZ. The center button is also used to start auto-scan of PTZ.
2. **Zoom:** Used to zoom in and out with the PTZ.
3. **Focus:** Used to adjust the focus of the PTZ.
4. **Iris:** Used to open up or close the iris of the PTZ.
5. **Speed:** Adjusts the movement speed of the PTZ.
6. **Light:** Turns PTZ light (if applicable) on and off.
7. **Wiper:** Turns PTZ wiper (if applicable) on and off.
8. **Zoom In:** Instantly zooms PTZ in.
9. **Center:** Centers PTZ. Camera: Select a PTZ camera.

## Preview Menu

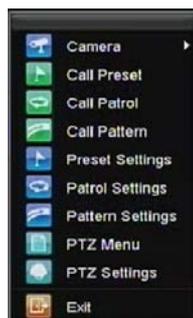
**Call Preset:** Call a PTZ preset.

**Call Patrol:** Call a PTZ patrol.

**Call Pattern:** Call a PTZ pattern.

**Preset Settings:** Enter PTZ preset configuration menu.

**Patrol Settings:** Enter PTZ patrol configuration menu.



**Pattern Settings:** Enter PTZ pattern configuration menu.

**PTZ Menu:** Enter PTZ menu.

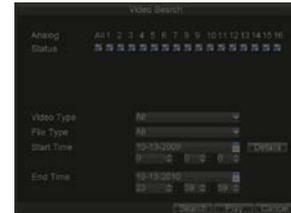
**PTZ Settings:** Enter PTZ settings menu.

## Playback

### Playback by Search

To playback files from a general search:

1. Enter into the **Video Search** menu by clicking Menu > Video Search.
2. Select General tab, and Set the search parameters by selecting cameras to search, video/file type and the start/end time.



3. Click the *Play* button to start playback of all the files found with the specified search criteria or click the *Search* button to bring up the list of search results. After search results are presented, select the file you would like to playback and press *Play* to enter synchronous playback cameras selection.



4. Recordings will automatically be played back in the **Playback** interface.

### Playback from Live Preview

You may also instantly playback from a channel while watching a Live Preview. The playback will be of recordings from the past 5 minutes.

To playback from a channel instantly in Live Preview:

#### • Using a Mouse:

1. Right-click the mouse on desired channel and select the *Playback* button.
  2. Recordings from the selected channel will start playing back in the Playback interface.
- An Attention



message will appear if there are no recordings found from the previous 5 minutes. You may also press the Play button to view the day's recording for the selected channel.

3. You may also select additional channels for playback from the channel list on the right hand side of the Playback interface.

• **Using the Front Panel/Remote:**

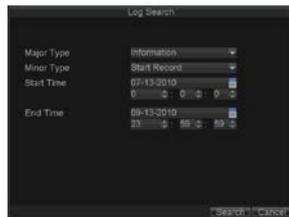
1. Press the PLAY button. This will take you into the **Playback** interface.
2. Enter the channel you would like to view recordings for on the front panel or remote (i.e. press 'SHIFT', the STATUS light will turn green, then press '1' for channel 1, press '2' for channel 2).
3. Recordings will begin for the selected channel.

## Playback from System Log

You may also playback recordings from the System Log.

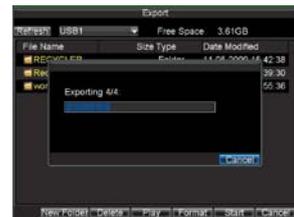
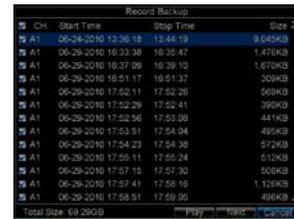
To playback video from the System Log:

1. Enter the Log Search menu by clicking Menu > Maintenance > Log Search.
2. Set **Major Type** setting to *Information*.
3. Set **Minor Type** setting to *Start Record* or *End Record*.
4. Set **Start Time** and **End Time**.
5. Click the Search button.
6. A list of results with your search criteria will be displayed. Select the video log to playback and click Play.
7. The recording will begin to play in the Playback interface.



Video Export.

2. Select desired parameters to search for files to export.
3. Press the *Export* button. This will take you to the **Video Search** menu.
4. Select the files to export. You may also click the *Play* button to verify that these files are indeed the ones you would like to export.
5. The size of the currently selected files is displayed in the lower-left corner of the window. Select the *Next* button to enter the **Export** menu.
6. Select device to export to from drop-down list (USB Flash Drive, USB HDD, and DVD Writer). If backup device is not recognized:
  - Click the *Refresh* button.
  - Reconnect device.
  - Check for compatibility from vendor.
7. Click *Start* to begin backup process.
8. After the backup process has completed, you may select the files from your device and click the *Play* button to verify that it has been exported successfully.



**Note:** Video Player software will automatically be copied on to the device that the recorded files were exported on.

## Backup

Recorded files can be backed up to various devices, such as USB flash drives, USB HDDs or a DVD writer.

To export recorded files:

1. Enter the **Export Video** menu by clicking Menu >



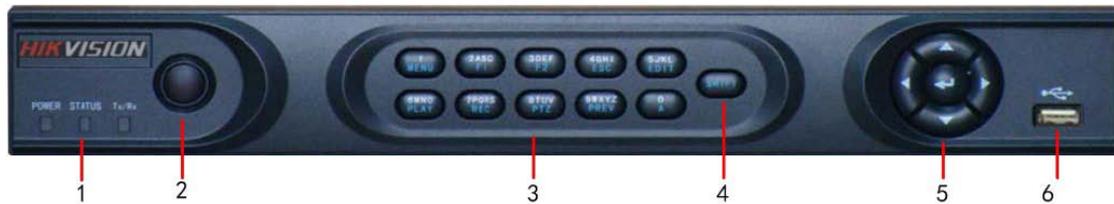
# Quick Start Guide

DS-7200HVI-ST Series DVR (V1.0.2)



## Using the Front Panel Controls

DS-7204HVI-ST Front Panel:



### 1. Status Indicators:

- **POWER:** the POWER indicator turns green when DVR is powered up.
- **STATUS:** the indicator lights when compound key switches to numeric/letter input mode.
- **Tx/Rx:** TX/RX indicator flickers green when network connection is functioning normally.

### 2. IR Receiver: operation by IR remote control.

### 3. Compound Buttons:

- **1 MENU:** (1) Enter numeral “1”; (2) Access the main menu interface
- **2ABC/F1:** (1) Enter numeral “2”; (2) Enter letters “ABC”; (3) The F1 button when used in a list field will select all items on the list. In PTZ Control mode, it will turn on/off PTZ light.
- **3DEF/F2:** (1) Enter numeral “3”; (2) Enter letters “DEF”; (3) The F2 button is used to cycle through tab pages. It will also bring up the Channel & OSD Position settings.
- **4GHI/ESC:** (1) Enter numeral “4”; (2) Enter letters “GHI”  
(3) Exit and back to the previous menu
- **5JKL/EDIT:** (1) Enter numeral “5”; (2) Enter letters “JKL”; (3) Delete characters before cursor;  
(4) Select the checkbox and ON/OFF switch; (5) Start/stop record clipping in playback
- **6MNO/PLAY:** (1) Enter numeral “6”; (2) Enter letters “MNO”;  
(3) Playback, for direct access to playback interface
- **7PQRS/REC:** (1) Enter numeral “7”; (2) Enter letters “PQRS”; (3) Manual record, for direct access to manual record interface; manually enable/disable record
- **8TUV/PTZ:** (1) Enter numeral “8”; (2) Enter letters “TUV”; (3) Access PTZ control interface
- **9WXYZ/PREV:** (1) Enter numeral “9”; (2) Enter letters “WXYZ”; (3) Multi-camera display in preview
- **0/A:** (1) Enter numeral “0”; (2) switch between input methods (upper and lowercase alphabet, symbols and numeric input)

### 4. SHIFT: Switch of compound keys between the numeric/letter input and functional control.

### 5. Control Buttons:

- **Directional buttons:** In menu mode, the *direction* buttons are used to navigate between different fields and items and select setting parameters. In playback mode, the *Up* and *Down* buttons are used to speed up and slow down record play, and the *Left* and *Right* buttons are used to select the recording 30s forwards or backwards. In preview mode, these buttons can be used to cycle through channels.
- **Enter:** The *Enter* button is used to confirm selection in menu mode; or used to select checkbox fields and ON/OFF switch. In playback mode, it can be used to play or pause the video. In single-frame play mode, pressing the *Enter* button will advance the video by a single frame. And in auto sequence preview mode, the buttons can be used to pause / resume auto sequence.

### 6. USB Interface: Connects USB mouse or USB flash memory devices.

## DS-7208HVI-ST Front Panel:



1. **USB Interface:** Connects USB mouse or USB flash memory devices.
2. **Status Indicators:**
  - **POWER:** the indicator lights in green when DVR is powered up.
  - **READY:** the indicator lights in green when the device is running normally.
  - **STATUS:** the indicator lights when compound key switches to numeric/letter input mode.
  - **ALARM:** the indicator lights in red when there is sensor alarm occurring.
  - **HDD:** the indicator flickers in red when HDD is reading/writing.
  - **Tx/Rx:** TX/RX indicator flickers green when network connection is functioning normally.
3. **IR Receiver:** operation by IR remote control.
4. **Compound Buttons:**
  - **1 MENU:** (1) Enter numeral “1”; (2) Access the main menu interface
  - **2ABC/F1:** (1) Enter numeral “2”; (2) Enter letters “ABC”; (3) The F1 button when used in a list field will select all items on the list. In PTZ Control mode, it will turn on/off PTZ light.
  - **3DEF/F2:** (1) Enter numeral “3”; (2) Enter letters “DEF”; (3) The F2 button is used to cycle through tab pages. It will also bring up the Channel & OSD Position settings.
  - **4GHI/ESC:** (1) Enter numeral “4”; (2) Enter letters “GHI”  
(3) Exit and back to the previous menu
  - **5JKL/EDIT:** (1) Enter numeral “5”; (2) Enter letters “JKL”; (3) Delete characters before cursor;  
(4) Select the checkbox and ON/OFF switch; (5) Start/stop record clipping in playback
  - **6MNO/PLAY:** (1) Enter numeral “6”; (2) Enter letters “MNO”;  
(3) Playback, for direct access to playback interface
  - **7PQRS/REC:** (1) Enter numeral “7”; (2) Enter letters “PQRS”; (3) Manual record, for direct access to manual record interface; manually enable/disable record
  - **8TUV/PTZ:** (1) Enter numeral “8”; (2) Enter letters “TUV”; (3) Access PTZ control interface
  - **9WXYZ/PREV:** (1) Enter numeral “9”; (2) Enter letters “WXYZ”; (3) Multi-camera display in preview
  - **0/A:** (1) Enter numeral “0”; (2) switch between input methods (upper and lowercase alphabet, symbols and numeric input)
5. **SHIFT:** Switch of compound keys between the numeric/letter input and functional control.
6. **Control Buttons:**
  - **Directional buttons:** In menu mode, the *direction* buttons are used to navigate between different fields and items and select setting parameters. In playback mode, the *Up* and *Down* buttons are used to speed up and slow down record play, and the *Left* and *Right* buttons are used to select the recording 30s forwards or backwards. In preview mode, these buttons can be used to cycle through channels.
  - **Enter:** The *Enter* button is used to confirm selection in menu mode; or used to select checkbox fields and ON/OFF switch. In playback mode, it can be used to play or pause the video. In single-frame play mode, pressing the *Enter* button will advance the video by a single frame. And in auto sequence preview mode, the buttons can be used to pause / resume auto sequence.

## DS-7216HVI-ST Front Panel:



1. **IR Receiver:** operation by IR remote control.
2. **USB Interface:** Connects USB mouse or USB flash memory devices.
3. **Status Indicators:**
  - **POWER:** the indicator lights in green when DVR is powered up.
  - **READY:** the indicator lights in green when the device is running normally.
  - **STATUS:** the indicator lights when the compound key switches to numeric/letter input mode.
  - **ALARM:** the indicator lights in red when there is sensor alarm occurring.
  - **HDD:** the indicator flickers in red when HDD is reading/writing.
  - **Tx/Rx:** TX/RX indicator flickers green when network connection is functioning normally.
4. **DVD-ROM:** Space for DVD-ROM.
5. **Control Buttons:**
  - **Directional buttons:** In menu mode, the *direction* buttons are used to navigate between different fields and items and select setting parameters. In playback mode, the *Up* and *Down* buttons are used to speed up and slow down record play, and the *Left* and *Right* buttons are used to select the recording 30s forwards or backwards. In preview mode, these buttons can be used to cycle through channels.
  - **Enter:** The *Enter* button is used to confirm selection in menu mode; or used to select checkbox fields and ON/OFF switch. In playback mode, it can be used to play or pause the video. In single-frame play mode, pressing the *Enter* button will advance the video by a single frame. And in auto sequence preview mode, the buttons can be used to pause / resume auto sequence.
6. **SHIFT:** Switch of compound keys between the numeric/letter input and functional control.
7. **Compound Buttons:**
  - **1 MENU:** (1) Enter numeral “1”; (2) Access the main menu interface
  - **2ABC/F1:** (1) Enter numeral “2”; (2) Enter letters “ABC”; (3) The F1 button when used in a list field will select all items on the list. In PTZ Control mode, it will turn on/off PTZ light.
  - **3DEF/F2:** (1) Enter numeral “3”; (2) Enter letters “DEF”; (3) The F2 button is used to cycle through tab pages. It will also bring up the Channel & OSD Position settings.
  - **4GHI/ESC:** (1) Enter numeral “4”; (2) Enter letters “GHI”  
(3) Exit and back to the previous menu
  - **5JKL/EDIT:** (1) Enter numeral “5”; (2) Enter letters “JKL”; (3) Delete characters before cursor;  
(4) Select the checkbox and ON/OFF switch; (5) Start/stop record clipping in playback
  - **6MNO/PLAY:** (1) Enter numeral “6”; (2) Enter letters “MNO”;  
(3) Playback, for direct access to playback interface
  - **7PQRS/REC:** (1) Enter numeral “7”; (2) Enter letters “PQRS”; (3) Manual record, for direct access to manual record interface; manually enable/disable record
  - **8TUV/PTZ:** (1) Enter numeral “8”; (2) Enter letters “TUV”; (3) Access PTZ control interface
  - **9WXYZ/PREV:** (1) Enter numeral “9”; (2) Enter letters “WXYZ”; (3) Multi-camera

- display in preview
  - **0/A:** (1) Enter numeral “0”; (2) switch between input methods (upper and lowercase alphabet, symbols and numeric input)
- 8. JOG SHUTTLE Control:** The JOG SHUTTLE control can be used to move the active selection in a menu. The inner ring will move the selection up and down; the outer ring will move it left and right. In the Playback mode, the inner ring is used to jump 30 seconds forward/backward in a video. The outer ring can be used to speed up/slow down the video. In Preview mode, it can be used to cycle through different channels.