HIKVISION® DS-76xxNI-I2/xP NVR Quick Start Guide (QSG)

About this Manual: The Manual includes instructions for using and managing the product. Pictures, charts, images, and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version on the company Website (http://www.hikvision.com/us). Please use this user manual under the guidance of professionals.

Trademarks Acknowledgement: _HIKVISION_ and other Hikvision trademarks and logos are the properties of Hikvision in various jurisdictions. Other trademarks and logos mentioned below are the properties of their respective owners.

Regulatory Information

FCC Information

FCC Compliance: This equipment has been tested and found to comply with the limits for a digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Conditions: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement

CE This product and, if applicable, the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2004/108/EC, the RoHS Directive 2011/65/EU.

2012/19/EU (WEEE Directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info

2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info.

Industry Canada ICES-003 Compliance: This device meets the CAN ICES-3 (A)/NMB-3(A) standards requirements.

Safety Instruction: These instructions are intended to ensure that the user can use the product correctly to avoid danger or property loss. The precaution measure is divided into "Warnings" and "Cautions."
- **Warnings:** Serious injury or death may occur if any of the warnings are neglected.
- **Cautions:** Injury or equipment damage may occur if any of the cautions are neglected.

⚠ **Warnings** Follow these safeguards to prevent serious injury or death.	⚠ **Cautions** Follow these precautions to prevent potential injury or material damage.

⚠ Warnings
- Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.
- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region. Refer to technical specifications for detailed information.
- Input voltage should meet both the SELV (Safety Extra Low Voltage) and the Limited Power Source with 24 VAC or 12 VDC according to the IEC60950-1 standard. Refer to technical specifications for detailed information.
- Do not connect several devices to one power adapter as adapter overload may cause over-heating or a fire hazard.
- Make sure that the plug is firmly connected to the power socket. When the product is mounted on wall or ceiling, the device shall be firmly fixed.
- If smoke, odor, or noise rise from the device, turn off the power at once and unplug the power cable, and then contact the service center.

⚠ Cautions
- Make sure the power supply voltage is correct before using the device.
- Do not drop the device or subject it to physical shock.
- If cleaning is necessary, use clean cloth with a bit of ethanol and wipe it gently. If the device will not be used for an extended period, protect it from dirt.
- Do not place the device in extremely hot, cold, dusty, or damp locations, and do not expose it to high electromagnetic radiation. Do not operate product in outside of its stated environmental specs.
- To avoid heat accumulation, good ventilation is required for the operating environment.
- Keep the device away from liquids while in use.
- While in delivery, the device shall be packed in its original packing, or packing of the same durability.
- Regular part replacement: some equipment parts (e.g., electrolytic capacitor) shall be replaced regularly according to their average endurance time. The average time varies because of differences between operating environments and usage history, so regular checking is recommended for all users. Contact your dealer for more details.
- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.
- If the product does not work properly, contact your dealer or the nearest service center. Never attempt to disassemble the device yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)

WHAT'S IN THE BOX

Make sure the following items are in your box:
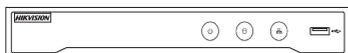
| NVR | Mouse | Remote | AC Cord | HDD Screws (Installed) |

| HDD (Installed) | HDD Cables (Installed) | Ear Mounts | QSG | DVD-ROM |

MENU TREE

Use this menu tree to navigate the embedded menus.

Menu							
Playback	**File Management**	**VCA Search**	**Rec. Configuration**	**Cameras Setup**	**Sys. Configuration**	**Maintenance**	**System Info.**
Normal	Record	Behavior Search	Schedule	Cameras	General	System Logs	Device Info
Event	Event	Face Search	Record Quality	OSD	Network	Import/Export	Camera
Tag	Picture	Counting	Motion Detect	Image	HDD	Upgrade	Record
Smart		Heat Map	Trigger	PTZ	Live View	Default	Alarm
Sub-Periods			Holiday	Privacy Mask	Exceptions	Network Detect	Network
External File				Video Tampering	User	HDD Detect	HDD
Picture				Video Loss	Hot Spare		
				VCA			

FRONT PANEL

Figure 1, DS-7616NI-I2/16P Front Panel

No.	Item	Description
1.	Power Switch	Turns unit on/off. **Power: GREEN** when system has power and is turned on.
2.	HDD	**BLINKS RED** when data is being read from or written to HDD
3.	TX/RX	**GREEN** when connected to network, **BLINKS GREEN** when there is network traffic
4.	USB Ports	Connects USB mouse or USB flash memory devices

■ REAR PANEL

Figure 2, DS-7616NI-I2/16P Rear Panel

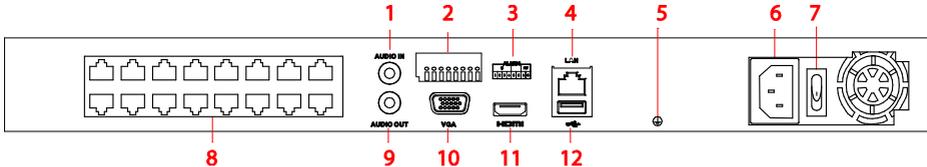| No.	Item	Description
1	Audio In	RCA connectors
2	Alarm I/O	Alarm input/output connectors
3	Alarm I/O Legend	Alarm I/O labels
4	LAN	Connector for LAN (Local Area Network)
5	Grounding Screw	Ground (**WARNING**: needs to be connected when NVR starts up)
6	Power Input	100 to 240 VAC
7	Power Switch	Switch for turning device on/off
8	Network Interfaces w/PoE	IP camera inputs and PoE outputs (DS-7608NI-I2/8P has eight PoE ports)
9	Audio Out	RCA connectors
10	VGA Out	DB-15 connector for VGA output (display local video output and menu)
11	HDMI Out	HDMI video output connector
12	USB	USB 3.0 port for additional devices

1 CONNECT DEVICES

1. Connect AC power cord to the NVR.
2. Connect NVR to LAN using Cat 5e cable.
3. Connect video monitor(s) to NVR using HDMI and/or VGA cables, as appropriate.
4. Connect mouse to USB port (wireless mouse can be used in lieu of included mouse).
5. Connect to audio I/O using RCA connectors.

2 START THE NVR

1. Plug AC power cord into 110 to 240 VAC outlet (surge suppressor is recommended).
2. Turn power switch on. Power indicator LED will turn **GREEN** to indicate unit is starting.
3. After startup, power indicator LED will remain **GREEN**.

3 LOCAL ACTIVATION

System access requires a secure, user-assigned password.

▼ **Set Admin Password**

First-time access requires user to create an admin password.

1. Input same password in **Create New Password** and **Confirm New Password** text fields.

> ⚠️ **Strong Password REQUIRED**
> Password must contain 8 to 16 characters, combining numbers, lower and upper case letters, and special characters. At least two types of the above-mentioned characters are required. Also, reset password regularly.

2. Click **OK** to save password and activate device.

▼ **Set Unlock Pattern**

Admin user will be prompted to configure an unlock pattern for login in place of a password.

1. Hold down left mouse button and draw a pattern by connecting at least four dots on the screen, with each dot connected only once). Release mouse button when done.

2. Draw the same pattern again to confirm it.

> **NOTE:** If you forget your pattern, select Switch User to display the normal login dialog box.
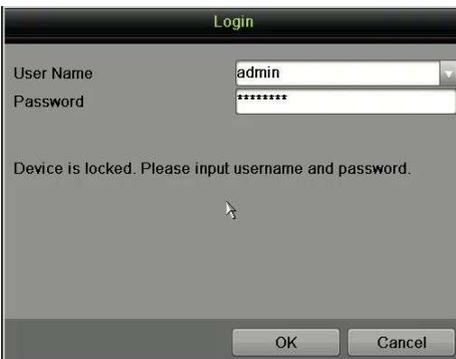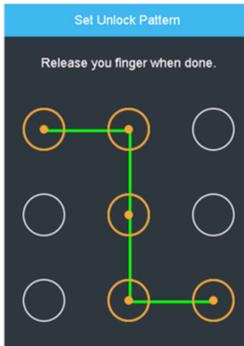
▼ **Log In (Unlock Pattern)**

1. Draw the unlock pattern to unlock system.

▼ **Log In (Dialog Box)**

1. **User Name** field will be prefilled with "admin."

2. Input **Password** (account locks for 30 minutes after 7 incorrect attempts).

3. Click **OK**.

4 INITIALIZE THE HARD DRIVE (IF NEEDED)

The system is set up to record upon power up and will beep and display "Do you want to initialize drive" prompt if the hard drives are not initialized.

1. Go to MENU > SYSTEM CONFIGURATION > HDD.
2. Use the checkboxes to select the HDDs that need to be initialized.
3. Press **INIT.** (Factory installed HDDs come initialized. Initializing again will erase any record video. This does not affect settings).

① HDD LIST

② TOTAL HDD SPACE

③ FREE SPACE

5 SET DATE AND TIME

1. Go to MENU > SYSTEM CONFIGURATION > GENERAL.

① **DATE/TIME**
Date and time settings

② **TIME ZONE**
Time zone and daylight savings time settings

③ **ENABLE NTP**
Network Time Protocol settings

6 SET UP NETWORK ACCESS

1. A network connection is required to access the cameras remotely.
2. Go to MENU > SYSTEM CONFIGURATION > NETWORK.
3. Enable DHCP (check the checkbox).
4. Press **Refresh** button to update the IPv4 address, subnet mask, and IPv4 default gateway.
5. Disable DHCP (uncheck the checkbox).
6. Change "Preferred DNS Server" value to 8.8.8.8 (leave Alternate DNS Server blank).
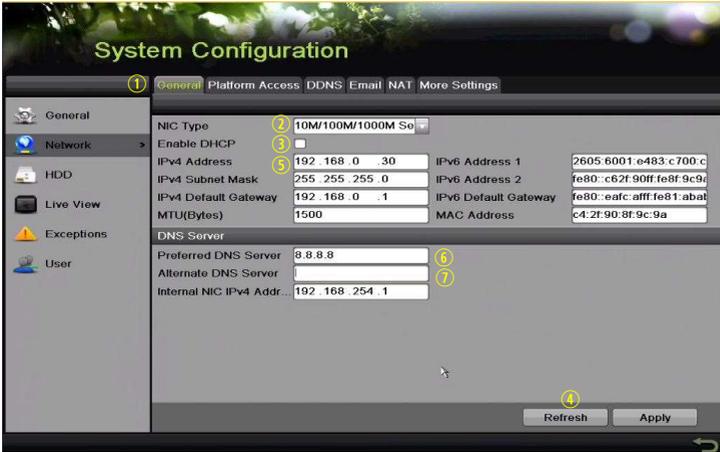
① **GENERAL TAB**
   Select this tab
② **NIC TYPE**
   Set LAN type
③ **ENABLE DHCP**
   Check box so that router will assign IP address
④ **REFRESH**
   Press to update values
⑤ **IP V4 ADDRESS**
   Default 192.0.0.64
⑥ **PREFERRED DNS SERVER**
   Default is 8.8.8.8
⑦ **ALTERNATE DNS SERVER**
   Leave blank

7 SET CAMERA PORTS

After assigning the IP information, click the **More Settings** tab.

The **More Settings** tab contains the ports that need to be forwarded for remote access.

- **SERVER PORT** is responsible for the mobile app and client software log-in.

- **HTTP PORT** is responsible for Web browser log-in.

- **RTSP PORT** is responsible for video/audio streaming.

  NOTE: The **HTTP port**, **server port**, and **RTSP** can be changed to avoid conflicts with the ISP or if multiple devices are installed at a single location.

8 SET UP PORT FORWARDING

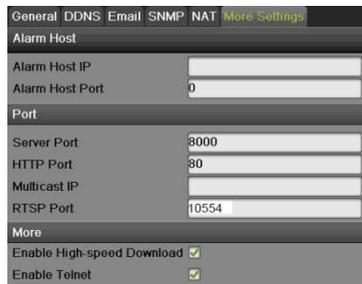Port forwarding redirects communication from one address/port number to another to make services on a protected network available to hosts on an external network.

1. Log into the router, and proceed with **port forwarding**. **Port forwarding** steps differ by router. For **port forwarding** assistance, contact your Internet Service Provider (ISP) or router manufacturer. Also refer to www.portforward.com for step-by-step instructions.

   NOTE: Hikvision USA is not associated with www.portforward.com and is not responsible for any activity between the user and www.portforward.com. Please avoid accidentally downloading any software from www.portforward.com.

2. Proceed to the **Routers** section on the website for step-by-step instructions.

9 SET UP HIK-CONNECT P2P CLOUD SERVICE

NOTE: Use the Hik-Connect mobile app (from iOS App Store or Google Play) to create a Hik-Connect P2P Cloud account to connect Hikvision devices over the Internet. See your NVR user manual.

1. Enable Hik-Connect P2P on the NVR.

   1) Go to Main Menu > System Configuration > Network > Platform Access.

   2) Check the **Enable** checkbox.

   3) Server Address must be "dev.hik-connect.com." If not, check the **Custom** checkbox, and type "dev.hik-connect.com."

   4) Click the **Apply** button. Status will change to "Online" (if all settings are correct).

   5) Note the Serial Number and Verification Code shown here (for use when registering the NVR in your Hik-Connect account) or use the QR code displayed.
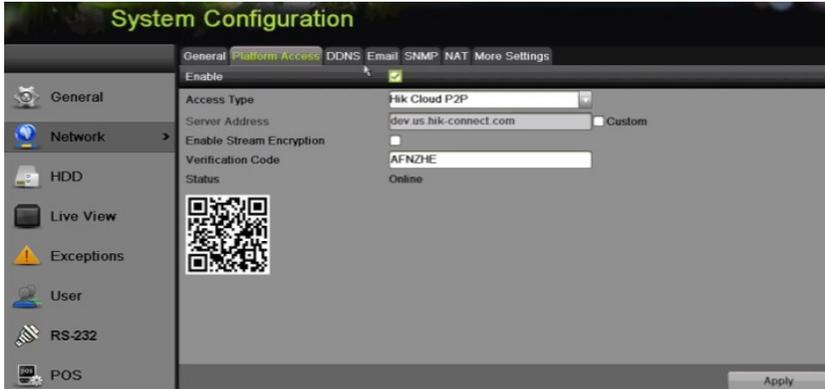
2. To see a device's video stream on the Hik-Connect or iVMS-4500 mobile app, add the device.

   1) Login to Hik-Connect mobile app with your user name, e-mail, or mobile number and password.

   2) On the Home screen, click the "**+**" button (upper right corner).

   3) Enter the device's information.

     • If you have the device's **QR Code**: Use the QR Code Scanner to scan the device's **QR Code**.

     • If you do not have the device's **QR Code**: Enter the device information manually:

       a. Click the Edit (pencil) icon on top right corner.

       b. Enter device serial number (device must be online), then click the **OK** button.

       c. When the device appears on the "Results" screen, click the **Add** button.

       d. Enter device's 6-character Verification Code (all upper case), then click the **OK** button.

       e. Click the Finish button.

10   ADD IP CAMERAS

1. Right click a window in **Live View** mode to display the menu.

2. Click **Menu** to display Menu choices.

3. Click **Cameras Setup** to display the Add Cameras window.

4. Add camera(s) as follows:

  • **Hikvision Camera Connected to Unit's PoE Port** — Will automatically be added to an NVR camera channel (D*x*) and will be visible on the camera list in white within two minutes.

  • **Hikvision Camera Connected to the Network but Not Unit's PoE Ports** — Will automatically be detected and displayed at bottom of the camera list in yellow. Must be added to an NVR camera channel manually:

   1) Click an unused camera channel's **D*x*** checkbox.

   2) Click the **EDIT** (Pencil) button to display the **Edit IP Camera** window.

   3) Use pull-down menu to change **Adding Method** from "Plug and Play" to "Manual."

   4) Enter the camera's IP address and other information as required.

    5)   Press the **OK** button to add the camera.

- **Hikvision Cameras Not Detected** — Must be added manually:

    1)   Click an unused camera channel's **D**_x_ checkbox.

    2)   Click the **EDIT** (Pencil) button to display the **Edit IP Camera** window.

    3)   Use pull-down menu to change **Adding Method** from "Plug and Play" to "Manual."

    4)   Enter the camera's IP address and other information as required.

    5)   Press the **OK** button to add the camera.

    NOTE: If camera does not connect, use SADP program to find and modify camera settings.

- **Third-Party Cameras** — Must be added manually:

    1)   Click an unused camera channel's **D**_x_ checkbox.

    2)   Click the **EDIT** (Pencil) button to display the **Edit IP Camera** window.

    3)   Use pull-down menu to change **Adding Method** from "Plug and Play" to "Manual."

    4)   Enter the camera's IP address and other information as required.

    5)   Press the **OK** button to add the camera.

IP Camera Management Icons

Icon	Explanation	Icon	Explanation
	Edit basic camera parameters		Upgrade the connected camera
	Camera disconnected; click icon to get camera's exception information		Delete the IP camera
	Play connected camera's live video		Camera connected

IP Camera | IP Camera Import/Export | PoE Information

IP channel password is visible

Camera No.	Add/Delete	Status	Security	IP Camera Address	Edit	Upgrade	Camera Name	Protocol	Delete
D1	⊖	ⓐ	N/A	192.168.254.2	✓		IPCamera 01	HIKVISION	
D2	⊖	ⓐ	N/A	192.168.254.3	✓	●	IPCamera 02	HIKVISION	
D3	⊖	ⓐ	N/A	192.168.254.4	✓	●	IPCamera 03	HIKVISION	
D4	⊖	ⓐ	N/A	192.168.254.5	✓	●	IPCamera 04	HIKVISION	
D5	⊖	ⓐ	N/A	192.168.254.6	✓	●	IPCamera 05	HIKVISION	
D6	⊖	ⓐ	N/A	192.168.254.7	✓	●	IPCamera 06	HIKVISION	
D7	⊖	ⓐ	N/A	192.168.254.8	✓	●	IPCamera 07	HIKVISION	
D8	⊖	ⓐ	N/A	192.168.254.9	✓	●	IPCamera 08	HIKVISION	

| Refresh | One-touch Activate | Default | Upgrade | Delete | One-touch Adding | Custom Adding |

IPC Status: ● Connected   ● Connected and Support Preview Here   ● Not Connected

Enable H.265 (For Initial Access) ☑

Net Receive Idle Bandwidth: 80Mbps

① NVR CAMERA CHANNELS
Cameras connected to NVR

② PLAY
Play camera's live video

③ EDIT (Pencil)
Change IP address (in **LAN** range)

④ CAMERA LIST (White)
Added cameras

⑤ LAN CAMERAS LIST (Yellow)
Detected cameras will appear here

⑥ CAMERA CONNECTED
Shows camera is connected

⑦ CAMERA DISCONNECTED
Shows disconnected camera

⑧ PASSWORD VISIBLE
Show passwords

⑨ ENABLE H.265
Use H.265

11   VIEW LIVE VIDEO

Live View displays real-time video.

Icons in the upper right of screen show each camera's record and alarm status.

- **Alarm** (video loss, tampering, motion detection, sensor alarm, or VCA alarm)

- **Record** (manual record, continuous record, motion detection, alarm, or VCA triggered record)

- **Event/Exception** (event and exception information appears at lower-left corner of screen)

12   SET UP RECORDING

The system defaults to continuously record video at 8 fps, or at 15 fps when motion is detected.

▼   **Recording Schedule**

Default is to continuously record everyday. Do the following to change the recording schedule:

1. Go to MENU > RECORDING CONFIGURATION > SCHEDULE.

2. Choose **CONTINUOUS** or **EVENT/(MOTION DETECTION)** under the **Type** pull-down menu.

3. Use cursor to select (days will turn blue [continuous] or yellow [event/motion detect]) or deselect (days will turn gray [off]) the calendar days you wish to record.

4. Apply time settings as desired.
5. Press **APPLY**.

Recording Configuration

① **TYPE**
Motion or Continuous (default)

② **COLOR**
Shows Recording Schedule days:
• Blue=Continuous
• Yellow=Event (motion/alarm)
• Grey=None

③ **TIMES**
Customize schedule times (ignore for "motion only" recording)

④ **ADD**
Press to add time settings to schedule

⑤ **ENABLE SCHEDULE**
If not checked, camera will not record

▼ **Motion Detection Areas**

To define the image areas that Motion Detection will monitor for each camera, do the following:

1. Go to MENU > RECORDING CONFIGURATION > MOTION DETECT.

2. Use **Camera** pull-down menu to select camera to configure.

3. Check the **Enable Motion Detection** checkbox to enable motion detection.

4. Use **Sensitivity** boxes to select how responsive detection should be (the more green boxes lit, the greater the sensitivity).

5. Drag a grid(s) over the area(s) on the image that will be sensitive to motion.

6. Click the **Settings Set** button to configure **Arming Schedule** (when detection is enabled) and **Linkage Actions** (what action(s) to take when motion is detected).

Recording Configuration

① **CAMERA**
Select camera

② **ENABLE MOTION DETECTION**
Click to enable/disable

③ **MOTION GRID**
Draw grid area to detect motion

④ **SENSITIVITY**
Select # of green squares to set sensitivity

⑤ **SETTINGS/SET**
Configure arming schedule and linkage actions

⑥ **APPLY**
Click to apply settings
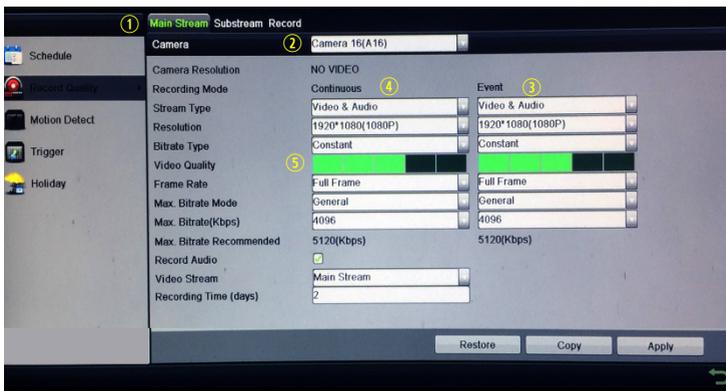
▼ **Record Quality**

• **Main Stream**

1. Go to RECORDING CONFIGURATION > RECORD QUALITY > MAIN STREAM and set the following items:

   - **Stream Type** enables/disables audio streaming from the cameras (if the camera does not have audio capabilities, **Stream Type** will have only **Video** option).

   - **Resolution** sets recording resolution.

   - **Bitrate Type (Variable and Constant)** saves HDD space when set to **Variable.**

IP Cameras

① **MAIN STREAM**
Select tab

② **CAMERA**
Select IP camera

③ **EVENT**
For event recording only (motion or alarm)

④ **CONTINUOUS**
For live view image and continuous recording

⑤ **VIDEO QUALITY**
Select number of green squares to set quality (in example, sensitivity is set to 3)

Analog Cameras

① **MAIN STREAM**
Select tab

② **CAMERA**
Select analog camera

③ **EVENT**
For event recording only (motion or alarm)

④ **CONTINUOUS**
For live view image and continuous recording

⑤ **VIDEO QUALITY**
Select number of green squares to set quality (in example, sensitivity is set to 3)

- **Video Quality** adjusts picture clarity (high setting = four green squares is default). Consider highest if hard drive space allows. Medium setting is a balance between good picture and saving HDD space.

- **Frame Rate** sets recording frame rate (8 fps on continuous and 15 on motion by default). Higher frame rates require more storage, but allows better slow motion playback.

- **Max Bitrate Mode** chooses between pre-set bitrate values and customized values (**General** setting is default).

- **Max Bitrate (kbps)** is the chosen bitrate for streaming the video. Max Bitrate should be adjusted to meet or exceed the rate recommended by the system for the chosen parameters.

- **Max Bitrate Recommended** is impacted by resolution, quality, and framerate.

- **Record Audio** turns on audio recording (requires external mic or camera w/built in mic).

- **Video Stream** determines which stream is recorded. Leave at default (Main Stream).

- **Substream**

  1. Go to RECORDING CONFIGURATION > RECORD QUALITY > SUBSTREAM to set up the **Sub Stream** to stream to mobile devices and display multiple cameras locally.

     NOTE: If the upload speed is not sufficient, lower the frame rate, bitrate, and or resolution for more fluent mobile viewing.

Main Stream	**Substream**	Record	
Camera	①	② Camera 01(A1)	
Stream Type	③	Video & Audio	
Resolution	④	QCIF	
Bitrate Type		Variable	
Video Quality	⑤		
Frame Rate		25(PAL)/30(NTSC)	
Max. Bitrate Mode		General	
Max. Bitrate(Kbps)		128	
Max. Bitrate Recommended	192~320(Kbps)		

① **SUBSTREAM TAB**
  Select
② **CAMERA**
  Select camera
③ **STREAM TYPE**
  Select choice
④ **RESOLUTION**
  Can go up only to 4CIF
⑤ **VIDEO QUALITY**
  Select number of green squares to set quality (in example, sensitivity is set to 3)

13 PLAY BACK RECORDED VIDEO

1. Go to MENU > PLAYBACK.

2. Select the desired camera(s) from the menu on the right of the screen.

3. Select date (days w/recordings will be blue if continuous only or yellow if all/part of day was event).

4. Press **PLAY**.

5. Click within the timeline to jump to desired time.

① **PLAYBACK TYPE MENU**
  Select type of record to play
② **FULL SCREEN**
  Goes to full screen for multiple channel playback
③ **PLAY/STOP**
  Begin playback (toggles between Play and Stop)
④ **CAMERA LIST**
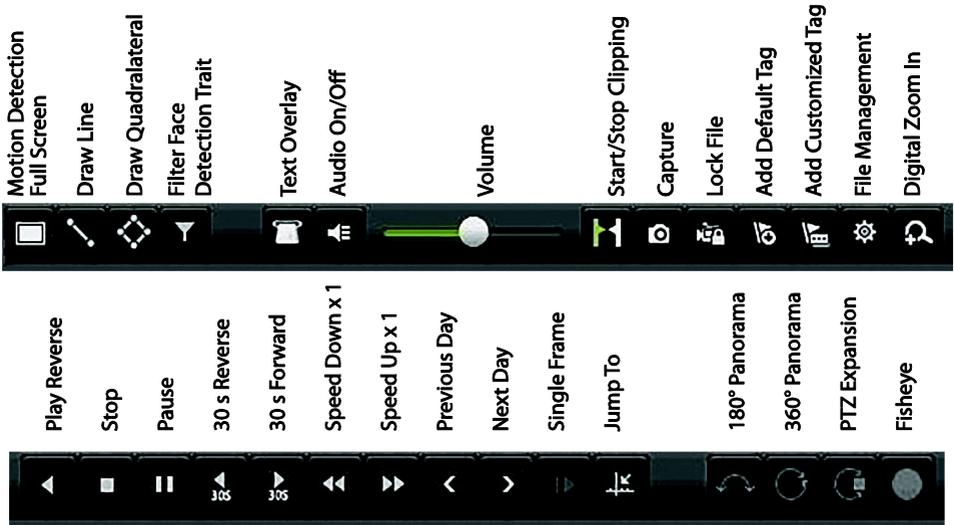 Select camera(s) to play back
⑤ **CALENDAR**
  Select date to play back
⑥ **TIMELINE**
  Click on timeline to jump to desired playback time

Playback Controls

Motion Detection Full Screen	Draw Line	Draw Quadralateral	Filter Face Detection Trait	Text Overlay	Audio On/Off	Volume	Start/Stop Clipping	Capture	Lock File	Add Default Tag	Add Customized Tag	File Management	Digital Zoom In

Play Reverse	Stop	Pause	30 s Reverse	30 s Forward	Speed Down x 1	Speed Up x 1	Previous Day	Next Day	Single Frame	Jump To	180° Panorama	360° Panorama	PTZ Expansion	Fisheye

▼ **Play Back Record Files**

1. Go to MENU > LIVE VIEW.

2. Left click a Live View window to bring up a shortcut toolbar and click on the ⌨ icon for instant playback.

▼ **Playback Controls**

1. Right click a Live Image to display a Quick menu and click on ↩ icon for instant playback.

14 BACK UP VIDEO RECORDINGS AND CLIPS

Back up recorded video clips to ensure important video is not lost or destroyed.

▼ **Choose Recorded Video Clips To Back Up**

1. Connect a USB flash drive, HDD, or DVD writer to an available USB port (this step is mandatory).

2. Go to MENU > PLAYBACK.

3. Select cameras for playback.

4. Select the date and beginning time of the incident.

5. Click **START CLIPPING** � button.

6. Select the ending time of the incident.

7. Click **END CLIPPING** ⏸ button (same button as **START CLIPPING**). Clip will be marked.

8. Repeat steps 1-6 as many times as required.

9. Click **FILE MANAGEMENT** ⚙ button to display a new window containing all marked clips.

10. Select the desired clips.

11. Click **EXPORT** to save files to the inserted USB device.

① **CAMERA LIST**
Select cameras to view

② **CALENDAR**
Select dates to view

③ **PLAY/STOP**
Toggles between Play and Stop

④ **START/STOP CLIPPING**
Toggles between Start Clipping and Stop Clipping

⑤ **LOCK**
Locks selected video clips to prevent them from being deleted

⑥ **FILE MANAGEMENT**
Displays list of saved clips, export clips from this window

▼ **Lock Video Clips**

1. Click on the images of the clips you want to lock.

2. Press the **LOCK** 🔒 button to prevent the file from being erased.

▼ **Back Up Video Clips**

1. Connect a USB flash drive, HDD, or DVD writer to an available USB port.

2. Click on the File Management button to display the File Management window.

3. In the File Management window, choose video clip(s) to back up and click **Export** button.

4. Choose backup device (USB flash drive, USB HDD, or DVD writer).

5. Click **Export** (to check backup, choose recorded file in **Export** interface and click 🔘 button).

① **VIDEO CLIPS LIST**
Select desired clips to export

② **EXPORT BUTTON**
Save clips to USB device

First Choice for Security Professionals