Digital Video Recorder (DVR)
Quick Setup Guide

Open Package Examination
Open the package, check the appearance of product for no obvious damage, and confirm the item list for table 1-1 is consistent.

<table>
<thead>
<tr>
<th>Table 1-1 Packing list</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component</td>
</tr>
<tr>
<td>Digital Video Recorder</td>
</tr>
<tr>
<td>Quick Setup Guide</td>
</tr>
<tr>
<td>Mouse</td>
</tr>
<tr>
<td>Power adapter</td>
</tr>
<tr>
<td>Accessories package</td>
</tr>
</tbody>
</table>

Special Announcement

- Do not focus strong light (such as lighted bulbs or sunlight) on this device. Otherwise, the service life of the image sensor may be shortened.
- If this device is installed in places where thunder and lightning frequently occur, ground the device nearby to discharge high energy such as thunder strikes in order to prevent device damage.
- Avoid heavy loads, intense shakes, and soaking to prevent damages during transportation and storage. The warranty does not cover any device damage that is caused during secondary packaging and transportation after the original packaging is taken apart.
- Protect this device from falling and intensive strikes, keep the device away from magnetic field interference, and do not install the device in places with shaking surfaces or under shocks.
- Clean the device with a soft dry cloth. For stubborn dirt, dip the cloth into slight neutral cleanser, gently wipe the dirt with the cloth, and then dry the device.
- Do not jam the ventilation opening. Follow the installation instructions provided in this document when installing the device.
- Keep the device away from heat sources such as radiators, electric heaters, or other heat equipment.
- Keep the device away from moist, dusty, extremely hot or cold places, or places with strong electric radiation.
- If the device is installed outdoors, take insect- and moisture-proof measures to avoid circuit board corrosion that can affect monitoring.
- Remove the power plug if the device is idle for a long time.

Precautions

- Fully understand this document before using this device, and strictly observe rules in this document when using this device. If you install this device in public places, provide the tip “You have entered the area of electronic surveillance” in an eye-catching place. Failure to correctly use electrical products may cause fire and severe injuries.

WARNING
- It alerts you to moderate dangers which, if not avoided, may cause minor or moderate injuries.

CAUTION
- It alerts you about risks. Neglect of these risks may cause device damage, data loss, device performance deterioration, or unpredictable results.

NOTE
- It provides additional information.

- Strictly observe installation requirements when installing the device. The manufacturer shall not be held responsible for device damage caused by users' non-conformance to these requirements.
- Strictly conform to local electrical safety standards and use power adapters that are marked with the LPS standard when installing and using this device. Otherwise, this device may be damaged.
- Use accessories delivered with this device. The voltage must meet input voltage requirements for this device.
- If this device is installed in places with unsteady voltage, ground this device to discharge high energy such as electrical surges in order to prevent the power supply from burning out.
- When this device is in use, ensure that no water or any liquid flows into the device. If water or liquid unexpectedly flows into the device, immediately power off the device and disconnect all cables (such as power cables and network cables) from this device.

Device Structure

2.1 Device Ports

NOTE
- Different device may have different ports; Please refer to the actual product.

Figure 2-1 Front panel

Table 2-1 Front panel description

<table>
<thead>
<tr>
<th>ID</th>
<th>Port Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>POWER</td>
<td>Power indicator. When DVR is operating, the Power indicator is steady on. When DVR is shut down, the PWR indicator is turned off.</td>
</tr>
<tr>
<td>2</td>
<td>REC</td>
<td>Record indicator. This indicator flashes when DVR is recording.</td>
</tr>
<tr>
<td>3</td>
<td>NET</td>
<td>Net indicator. This indicator flashes when DVR is connected network successfully.</td>
</tr>
<tr>
<td>4</td>
<td>USB</td>
<td>Supports connection to an USB mouse.</td>
</tr>
</tbody>
</table>

Figure 2-2 Rear panel

Table 2-2 Rear panel description

<table>
<thead>
<tr>
<th>ID</th>
<th>Port Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AUDIO IN</td>
<td>Audio Input</td>
</tr>
<tr>
<td>2</td>
<td>ALARM I/O</td>
<td>Alarm Input/Output</td>
</tr>
<tr>
<td>3</td>
<td>VIDEO IN</td>
<td>Video Input</td>
</tr>
<tr>
<td>4</td>
<td>CVBS</td>
<td>CVBS output interface</td>
</tr>
<tr>
<td>5</td>
<td>A-OUT</td>
<td>Audio output</td>
</tr>
<tr>
<td>6</td>
<td>HDMI</td>
<td>Video output interface</td>
</tr>
<tr>
<td>7</td>
<td>VGA</td>
<td>Video output interface</td>
</tr>
<tr>
<td>8</td>
<td>AUDIO IN</td>
<td>Audio Input</td>
</tr>
</tbody>
</table>

Device Installation

The hard disk of the DVR should be provided by the user. Take the following steps to install hard disks:

Step 1 Remove the screws for fixing the cover and take down the cover.

Step 2 Take out the screws and fix the screws of hard disk as shown in figure 3-1.

Figure 3-1 Installing hard disk

Step 3 Insert the hard disk data cables and power cables as shown in figure 3-2.

Figure 3-2 Insert hard disk data cable and power cable

Step 4 Replace the upper cover and fasten the fixing screws.
4 Device Operation

4.1 Startup
Before starting DVR, ensure that the DVR is connected to a power supply properly and a monitor is connected to the HDMI or VGA interface of the DVR correctly. DVR will enter the live video interface and the power indicator will be on, when DVR powers on.

In some environments, if the power supply is abnormal, the DVR may not work properly. In severe cases, the DVR may be damaged. In these situations, you are advised to regulate the power supply.

NOTE
- The default user name and password both are admin. For system security, users will be forced to modify password when login the system at the first time.
- If the DVR need activation, please create a new password to login.
- User can change the system display language on the login window.

4.2 Topology of the DVR
A free network includes other network devices in addition to IP cameras and DVR. The topology of a free network can be organized freely so long as DVR and IP cameras can communicate with each other smoothly.

Figure 5-1 Topology of the DVR

4.3 Power off
Choosing Main Menu ➔ System ➔ Maintenance ➔ Shutdown to power off the DVR. Click Apply and choose shutdown or pressing the power switch to power off the DVR if the power switch exist in rear panel.

NOTE
- If the DVR is shut down abnormally, it can automatically backup video and resume previous working status after power failure.
- Before replacing the hard disk, the power supply switch in the real panel must be turned off.

5 Quick Configuration
Plug in power to access the DVR user page. The wizard window would show at first time. The user can configure quickly or close immediately. For configuration details please refer to main menu. Use the mouse to right-click any where on the main interface to access the main menu. Main menu comprises Channel, Record, Alarm, Network and System settings, as shown in figure 5-1.

Figure 5-1 Main menu

5.1 Channel
Channel settings contain Camera, Encode, Image, OSD, Privacy Zone.

5.2 Record
Record settings contain Record Schedule and Disk.
- **Record Schedule**: enable or disable video and audio record, set schedule of recording.
- **Disk**: show capacity, SN code, used space and status of disk, and set expiration of the video recordings. Format the disk.

5.3 Alarm
Alarm settings contain General, Motion detection, Camera tamper, Video loss and Intelligent analysis, as shown in figure 5-3.

Figure 5-3 Alarm

5.4 Network
Network settings contain Network, 802.1X, DDNS, E-mail, UPNP, P2P, IP Filter and SNMP as shown in figure 5-4.

Figure 5-4 Network

5.5 System
System settings contain Information, General, User, Password, Auto Sequence, Logs, Maintenance and Auto Restart, as shown in figure 5-5.

Figure 5-5 System

5.6 Live Video
Live video page is displayed after starting the DVR by default, as shown in figure 5-6.

Figure 5-6 Live video

6 Mobile Client
Search for “InView Pro4” in App Store or Google Play to download and install the mobile client. Use the App to scan the QR code on the back board of DVR, or in P2P settings page in DVR user interface, as shown in figure 6-1. Then input the password of the DVR to add the DVR into the device list of the App. User can manage the device through mobile client.

Figure 6-1 P2P

7 Web Accessing
The DVR also can be accessed in a Web browser. Open a web browser like IE and enter the IP address of device (The default IP address is 192.168.0.121) in the address box, and press Enter. The login page is displayed as shown in figure 7-1.

Figure 7-1 Login

The user name and password are same as the UI interface.