1. Open Package Examination

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

Table 1-1 Packing list

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network video recording</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Quick Setup Guide</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Mouse</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Green female wiring terminal</td>
<td>2(8)</td>
<td></td>
</tr>
<tr>
<td>Power Cord</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Hangers</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Countersunk head black screws</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Countersunk head imperial white screws</td>
<td>24</td>
<td></td>
</tr>
</tbody>
</table>

2. Device Structure

2.1 Device Ports

- **NOTE**: Different devices may have different ports and multi-head cables; Please refer to the actual product.

Front panel description of device refer to Table 2-1.

Table 2-1 Front panel description

<table>
<thead>
<tr>
<th>Port Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PWR Indicator</td>
<td>When the NVR is operating, the PWR indicator is steady on. When the NVR is shut down, the PWR indicator is turned off.</td>
</tr>
<tr>
<td>HDD Indicator</td>
<td>Hard disk status indicator. This indicator flashes when data is transmitted.</td>
</tr>
<tr>
<td>PoE Indicator</td>
<td>PoE network status indicator. This indicator flashes when data is transmitted.</td>
</tr>
<tr>
<td>KB/MOUSE</td>
<td>Support connected to an USB mouse.</td>
</tr>
</tbody>
</table>

Rear panel description of device, please refer to Table 2-2.

Table 2-2 Rear panel description

<table>
<thead>
<tr>
<th>Port Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PoE Port</td>
<td>PoE network interfaces.</td>
</tr>
<tr>
<td>LAN</td>
<td>RJ 45 10 / 100 / 1000 Mbps adaptive Ethernet interface.</td>
</tr>
<tr>
<td>LINE OUT/ LINE IN</td>
<td>Audio output and audio input.</td>
</tr>
<tr>
<td>VGA</td>
<td>Video output interface.</td>
</tr>
<tr>
<td>HDMI</td>
<td></td>
</tr>
<tr>
<td>USB 3.0</td>
<td>Only supports connected to 3.0 U disk.</td>
</tr>
<tr>
<td>RJ 45</td>
<td>Alarm input and alarm output.</td>
</tr>
</tbody>
</table>

3. Device Installation

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

1. **Step 1** Remove the screws for fixing the cover and take down the cover.
2. **Step 2** Put the hard disk under the hard disk bracket, hold the hard disk with one hand and aim the hard disk hole at the bracket hole, then fix the screws for hard disk (install the hard disk near the fan first).

**Figure 3-1** Installing the hard disk

- **Step 3** Install other hard disks following step 2, and insert the hard disk data cable and power cable, then replace the upper cover and fasten the fixing screws.

- **NOTE**: Different devices may have different dimensions; Please refer to the actual product.

**Figure 2-1** Dimensions (Unit:mm)

- **NOTE**: Please refer to the actual product.
4 Device Operation

4.1 Startup

Before starting NVR, ensure that the NVR is connected to a power supply properly and a monitor is connected to the HDMI or VGA interface of the NVR correctly. After starting the NVR, there is a login window located in the center, as shown in figure 4-1.

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

4.2 Topology of the NVR

A free network includes other network devices in addition to IP camera and NVR. The topology of a free network can be organized freely so long as NVR and IP camera can communicate properly and a monitor is connected to the HDMI or VGA interface of the NVR.

4.3 Special Function

Click the AI Recognition icon or Thermal Temperature at the bottom of page to enter the Al interface. The user can set and view the AI parameters, include human face, vehicle license plate.

4.4 Power off

Enter the path Main Menu > System > Maintenance > Shutdown to power off the NVR.

5 Quick Configuration

Plug in power to access the NVR 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.

5.1 Channel

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

• Camera: user can add cameras automatically by clicking Click to Add, and add manually by clicking Add. Tick cameras then click Delete to delete cameras. User can batch update software.

5.2 Record

Record settings contain Record Schedule, Disk, Storage, RAID, SMART, Disk Detection and Cloud Storage.

5.3 Alarm

Alarm settings contain General, Motion detection, Video loss. Intelligent analysis, Alarm in, Abnormal alarm as shown in figure 5-2.

5.4 Network

Network settings contain Network, 802.1X, DDNS, E-mail, Port Mapping, P2P, IP Filter, SNMP, 3G/4G, and PPPoE as shown in figure 5-3.

5.5 System

System settings contain Information, General, User, Password, Auto Sequence, Auxiliary screen, Logs, Maintenance and Auto Restart, as shown in figure 5-4.

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 NVR, or in P2P settings page in NVR user interface. Then input the password of the NVR to add the NVR into the device list of the App. User can manage the device through mobile client.

7 Web Accessing

The NVR 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 4-1 Activation interface Figure 4-2 Login interface

• Image: adjust an Image parameters and user can set senor parameter.
• OSD: customize time and channel name displayed in the live video page.
• Privacy Zone: set a privacy zone by clicking and dragging cursor and double-click an exist private area to delete. Support up to 4 zones.
• All these settings can be copied to other channels by clicking copy button.

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Record settings contain Record Schedule, Disk, Storage, RAID, SMART, Disk Detection and Cloud Storage.

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Figure 5-1 Main menu

• Image: adjust image parameters and user can set sensor parameter.
• OSD: customize time and channel name displayed in the live video page.
• Privacy Zone: set a privacy zone by clicking and dragging cursor and double-click an exist private area to delete. Support up to 4 zones.
• All these settings can be copied to other channels by clicking copy button.

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