Fast installation of Panoramic Camera Software
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1. Getting Started

1.1 Connect the device

- Refer to the product manual, attach the device to a power line and a network cable, and then switch on the power. (Image 1)
- Refer to the label on the device interface or to the specification in the product manual when connecting.

1.2 Linkage

- Refer to the product manual of the dome camera to connect it to a power line and a network cable.
- Refer to the product manual of the panoramic manual to connect it to a power line and a network cable.
- Refer to the label on the device interface or to the specification in the product manual when connecting. Switch on the power after connection is completed.

1.3 How to add device

- Click the Add Device icon on the left side of the interface of Panoramic
Camera Software:

1. Click the “search device” in the window;

2. The left column on the screen shows whether the device is successfully added or not. If it is a red question mark, this indicates that this device has not been added (Image 2). If it is green, that indicates a completed addition.

3. Selected the online device that has not been added to re-add, the information of this device will appear automatically on top of the bar.

1. If the IP address of the device and that of the computer are on the same network segment, enter a custom name and a password (default 123456) to add.

2. If the IP address of the device and that of the computer are not on the same network segment, the device cannot be added. In this case, set the IP address to the same as the computer’s to add.

3. Select the device that should be modified, click “modify device IP”, set the IP address to the same as the computer’s, click confirm. (Image 3)

4. After the IP address has been modified, click “search device” to refresh. Refer to Step 1 to add device.

5. After clicking “add device”, a message will pop up automatically on the screen. Once completed, the device will appear in the list on the left side of the interface.
If failed, message blow will appear. (Image 4)

Image 4

6. If the device is not successfully added, check the information in the yellow frame. (Image 5)

Image 5

Note:
Is the device’s name duplicated?
Are the IP address of the device and that of the computer on the same network segment? Are the gateways the same?
Is the port correct?
Is the password correct?

Attention: Before adding a device, make sure that the device has been well installed and is online;
Network camera is already connected to the same network of the control computer, confirm the IP address of the network camera and verify whether the IP address is in conflict with the existing equipment. If it is in conflict, use software to modify IP address or modify the IP address via IE login indicates a completed addition.

1.4 Modify IP address
If the IP address and that of the computer are not on the same network segment, the device cannot be added directly. In this case, set the IP address of the camera to the same as that of the computer, and add again.
Select the device that should be modified, click “change IP”, set the IP address of the device to the same as the computer’s, click “Ok”.

![Image2]

After changing the IP, wait ten seconds, click search to refresh and then add device.

1.5 Preview

1. After adding the device, click “live” on the upper left corner to return to the main screen.

1. Select in the list on the left side the channel of the device that you want to preview, double-click to open. (Image 6)

1. Select the format of the stream: Main Stream or Sub-stream. When the mouse moves and stops on one of the channels, it will show the information of the stream of that channel.

1. Double-click the window to watch in full screen, click ESC to exit full screen mode.
1.6 Unwrap

Start previewing, select the screen and set the properties of the device at the bottom of the list, only panoramic camera need to be unwrapped. (image8)

Set the device type to “Panorama”, the panoramic model will be obtained automatically, confirm the way of mounting of the camera: ceiling, wall or floor. Different mounting has different unwrapping, so select the way of installation correctly. Otherwise the effect of unwrapping cannot be achieved. Save the settings when done.

Click the icon on the left side of the previewing window and select the unwrapping mode. (Image 7)

DPTZ manipulation is supported when the screen is unwrapped. You can drag, rotate and zoom by using the mouse.

Note: a few modes do not support DPTZ operation. The screen cannot be rotated.
or zoomed.

1.7 Snapshot and record

After the preview is started, click the icon on the right side in the window to snapshot. Each time a photo is captured, a message will automatically pop up and show the store path.

After the preview is started, click the icon on the right side in the window to record. Click the icon to stop recording. When recording has begun, a red dot will flash on the upper left corner of the preview window, representing the recording has begun. When the recording stops, a message will automatically pop up to show the store path.

1.8 Playback

Switch to the preview window, replay the video through the second line of the drop-down menu. The video can be played locally and remotely.
1. Local file refers to files stored on your computer. Local file replay means replaying stored files or unwrapping them.

2. Click “open”. The browser window will pop up automatically. Select the store path. Choose the video file to open. It replays automatically when opened. Displayed videos will be shown in the file list, double-click to play again.

3. On the right side of the video displays the information about the local file: size, location and so on.

4. To replay panoramic video, first select the right mounting mode and then select the appropriate unwrapping mode.

5. Remote file replay refers to the video files stored in the memory card of the camera.

### 2. Panoramic Camera Software Features

Image 11 shows the software’s original interface.
2.1 Menu toolbar

As showed in the image above, the red area is the menu toolbar.

Click on “Live”, “Playback” and “Setting” to switch mode.

2.2 Preview operation toolbar

As showed in the image above, the green area is the preview operation toolbar.

Operate the preview window through the toolbar above.

2.3 Device List, PTZ control, Parameters

As showed in the image above, the blue area included device list, PTZ control and parameters. Click to switch.
2.3.1 Device List

1. Click add device icon or add zone icon to add device or add zone.

2. Added devices or zones will be showed in the middle.

- If the green light is on, the device is online, if the green life is off, the device is offline.
- Previewing.
- The device is online, the preview stops.
- The device is not collected.

2. Set the properties of the device. The properties below are the conditions to operate panoramic camera:

**Device Type:** Panoramic camera and dome camera, the default is panoramic camera. Select the right device type to open it correctly.

**Panoramic Model:** Select the right model according to the device purchased. If the device has been added into the database, the software will capture
its model automatically.

**Install Mounted:** Select the corresponding installation. Different installation mode has different panoramic unwrapping mode. If the installation chosen is not the same as the actual installation, the effects will not be applicable.

4. Click local storage icon and remote configuration icon to set local storage and remote configuration. Details are presented in later chapters.

### 2.3.2 PTZ Control

![Image12]

PTZ control bar includes PTZ control and preset settings. PTZ control is only applicable to dome camera, not to panoramic camera.

### 2.3.3 Parameters

![Image13]

Parameters modify the settings of the previewing video, including brightness, contrast, saturation and hue. Drag sliders to set. Click default to return to the
original settings.

2.4 Preview Window

As showed in image 13, the yellow area is the preview window. Select the number of the window to support more preview windows.

Image3

Select the preview window, the toolbar emerges on the right side automatically. Stop the mouse on a icon, the feature of the icon will show automatically. From top to the bottom:

- Full screen;
- Close the preview window;
- Sound on or off;
- Intercom;
- Snap shot;
- Record;
- Unwrap;
- Stream;
- Original Size;
- Linkage.
2.5 General Setting column

The purple area in Image 14 is the general setting column.

Image 14

On the upper right corner are the help, minimize and close buttons.

Line 2: date and alarm.

Line 3: switch language from Chinese to English.

3. remote configuration

3.1 remote config

Select need config camera, the Click icon on the downside to setup panocamera. (image 15)

Image 15

You can see camera device information, setup camera audio open and close, TF card recode mode etc.
Camera main special modify, turn on audio and setup main stream and sub-stream, change picture quality. (image 16)

3.2 Modify device and zone

Modify device

After an addition of a device, only the name and the zone of the device can be changed, other information cannot be modified. Select the device that should be modified in the list on the left side, click it, a menu below will appear.

Click “change remark name”, the window below will pop up, enter the new name and click confirm.
Click the zone that the device, the window below will pop up, choose a new zone and click confirm.

Modify zone

Select the zone that should be modified in the list on the left, right click.

Click the zone that should be modified, the window in image 21 will appear, user can change the superior zone, click confirm.

Click the name of the zone that should be modified, the window in Image 22 will appear, enter a new name, click confirm.
3.3 Delete device

Select the device that should be deleted in the list on the left, right-click, a menu in Image 23 will appear, click “delete device”. After the click, a message will pop up to inform the user whether the device is successfully deleted.

Choose the zone that should be deleted in the list on the left, right-click the zone. The menu in Image 24 will pop up, choose delete zone. After the click, a message will pop up to inform the user whether the device is successfully deleted.

Note: When a zone is deleted, all the devices in that zone will be deleted as well.

4. Record and snapshot

Manual recording and snapshotting can be achieved by the software, automatic recording can also be achieved by NVR on computer.

4.1 Manual recording and snapshotting

When the preview begins, click the icon on the right side, click icon to record and snapshot manually. The video file and photos captured will be saved under C:\PW\Record\ and C:\PW\Pic\, user can choose other store paths. (Image 25)
4.2 Auto-recording

Click the Local Storage icon in the left corner at the bottom to begin auto-recording. With a simple configuration, the client can start recording. PC NVR function can be realized. Auto-recording can be achieved when the device is online and the software is running.

Basic record tactics

Save Path: User can decide the save path, default is D:\Program Files\Panoramic Camera Software

File delete tactics: full disk, file expired, or both. Default is full disk.

PreRecord: Time of the Pre-recording, default is 0 second.

DelayRecord: Delay the recording, default is 0 second.

File Len: The length of a file, default is 30 minutes.

Task Configuration

Custom Task: Set the recording time according to the client’s need.

Full Day template: Take the recording for a whole day.

Work Day Template: Take the recording for work days.