

How to set PTZ control?

Answer:

Note: These functions are available only for the PTZ dome cameras or a box camera installed on a Pan/Tilt motor. Please see the actual model for details.

Note: Some of the lens control functions are applicable to cameras equipped with motorized lens.

Note: The PTZ control buttons may vary with camera model. For the PTZ control buttons that your camera supports, see the Web interface.

PTZ Control Toolbar

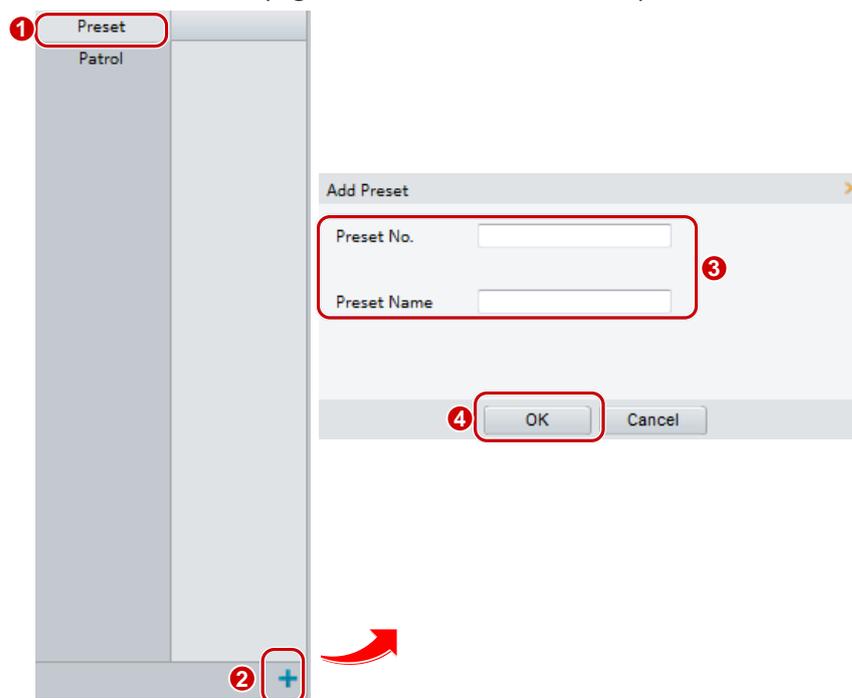
Item	Description
Preset	<p>Select a preset and then click . The PTZ camera goes to the selected preset.</p> <p>To add a preset, click . To delete a preset, click .</p>
Patrol	<p>Select a patrol route and then click  to start patrol.</p> <ul style="list-style-type: none"> To edit a patrol route, click . To add a patrol route, click . To delete a patrol route, click .
	Adjust the moving speed of the PTZ camera.
	Control the direction of the PTZ camera and release the control.
	<p>Turn on or off IR.</p> <p>Turn on or off the wiper.</p> <p>Turn on or off the heater.</p> <p>Turn on or off the illuminator.</p> <p>Turn on or off snow control.</p>

Item	Description
	Adjust camera focus.
	Adjust camera zoom.
	Increase or decrease iris diameter.
	<p>Shortcut keys for PTZ control. After the mouse cursor changes to one of these shapes in live view, click and hold the left mouse button to operate the PTZ camera.</p> <p>Note:</p> <ul style="list-style-type: none"> • Only PTZ dome cameras and PTZ cameras support this function. • These buttons are unusable when you are using 3D positioning or digital zoom.
	<p>Shortcut keys for zooming in or out in live view. Scroll the wheel forward to zoom in or backward to zoom out.</p> <p>Note:</p> <p>Only cameras with motorized zoom lens support this function.</p>

Setting Patrol by Presets

Setting Presets - Add a preset

1. On the **Live View** page, click **Preset** on the control panel.

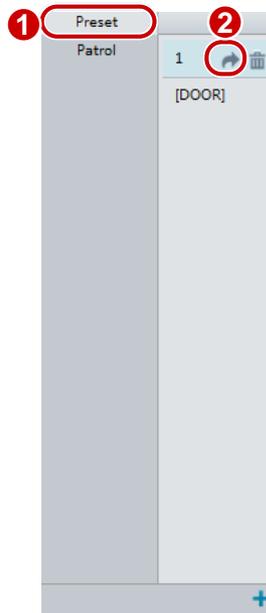


2. Adjust the camera till it points toward the desired direction.

- 3 Adjust zoom and focus as needed to obtain the optimal image.
- 4 Click **+** to add it as a preset. Enter a number and name for the preset and then click **OK**.

Setting Presets - Go to a preset

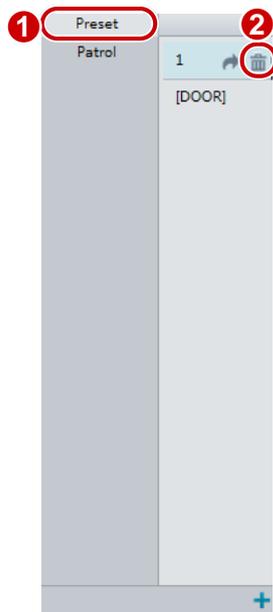
1. On the **Live View** page, click **Preset** on the control panel.



2. Click  for a preset. The PTZ camera goes to the selected preset.

Setting Presets - Delete a preset

1. On the **Live View** page, click **Preset** on the control panel.



2. Click  for a preset and then confirm the delete.

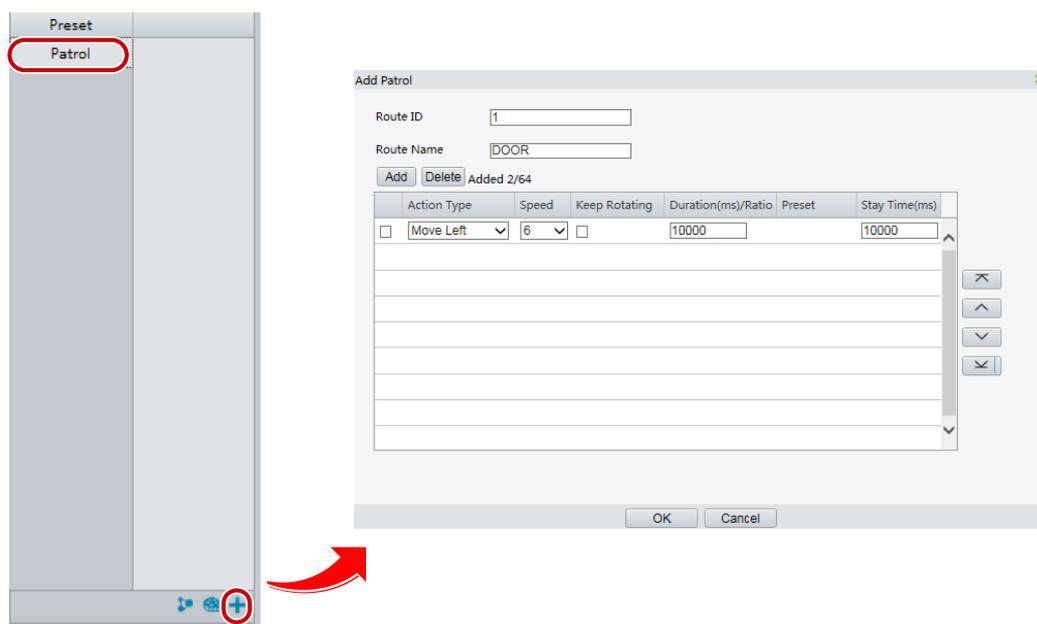
Setting Patrol

A patrol route is the track by which a PTZ camera follows when moving from a preset to the next. The length of time that a PTZ camera stays at each preset is configurable. Multiple patrol routes are allowed for a PTZ camera.

Patrol actions include going to a preset and staying at the preset for a certain amount of time before going to the next. You can set the rotation direction, zoom, rotation speed, patrol time, and stay time. The system records the route and adds it to the action list. You may select **Keep Rotating** so the PTZ camera follows the same route and patrols repeatedly.

Add a patrol route

1. On the **Live View** page, click **Patrol** on the control panel.



2. Click .
3. On the **Add Patrol** page, enter the route ID and name, and then click **Add** to add a patrol action. Up to 64 actions are allowed. Each line includes two actions when action type is set to **Move Direction** and **Zoom**, so 32 actions are allowed. Use the buttons to adjust the sequence of the actions.

Patrol actions include:

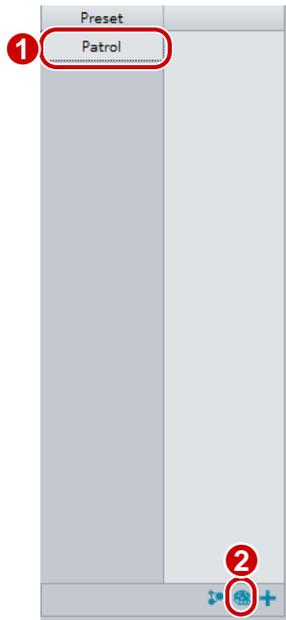
- Go to a preset and stay for a certain amount of time before going to the next preset.
- Rotate at the set speed in the set direction for a certain amount of time, zoom, stay at a set position for a certain amount of time, or patrol repeatedly if **Keep Rotating** is selected.

It is recommended that the first action type is **Go to Preset**.

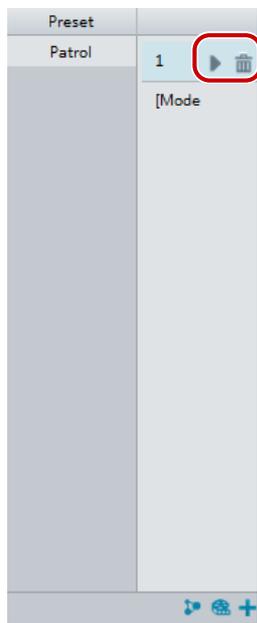
4. Click **OK**.

Record a patrol route

1. On the **Live View** page, click **Patrol** on the control panel.

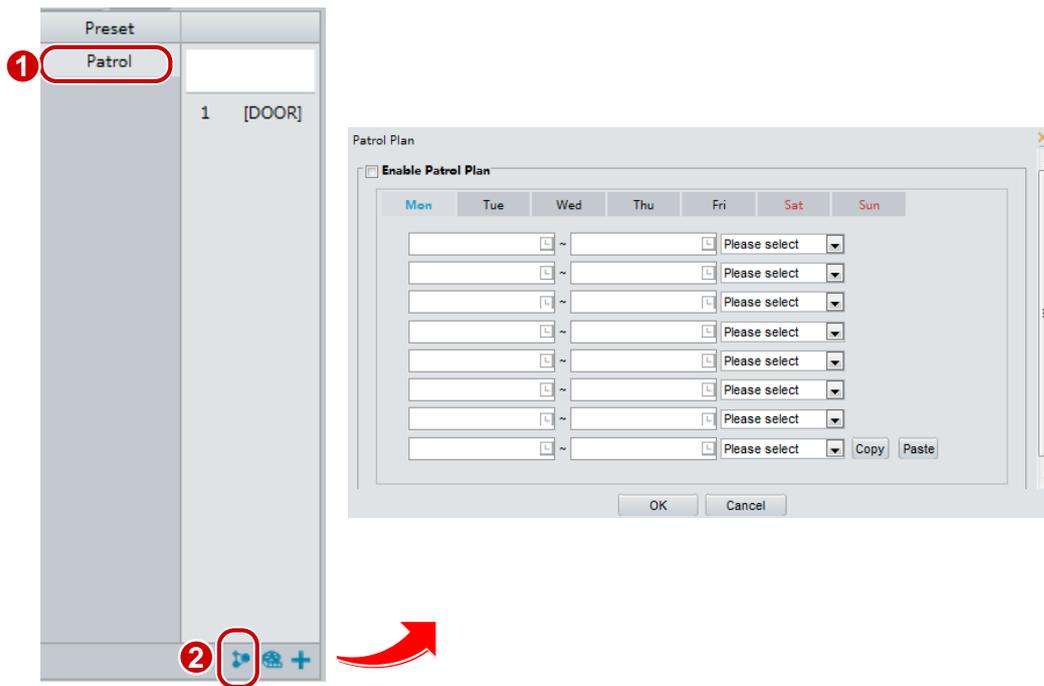


2. Click  to start recording the patrol route. You can adjust the direction and zoom of the camera during the recording. The system records the motion and track of the camera and adds them to the action list.
3. Click  to finish recording. Then the patrol route is saved as a mode route automatically. You can click  to start patrol or  to delete the mode route.



Make a patrol plan

1. On the **Live View** page, click **Patrol** on the control panel.

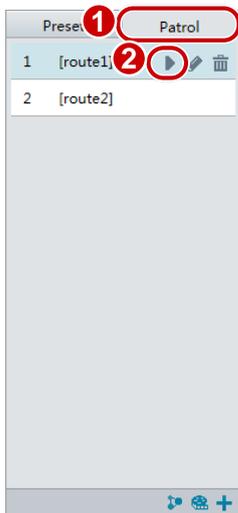


2. Click . The page for setting patrol plans is displayed.
3. Set the correct patrol time and route.
4. Select **Enable Patrol Plan**.
5. Click **OK**.

Start a patrol route

After you have added a patrol route, select the patrol route to start patrol.

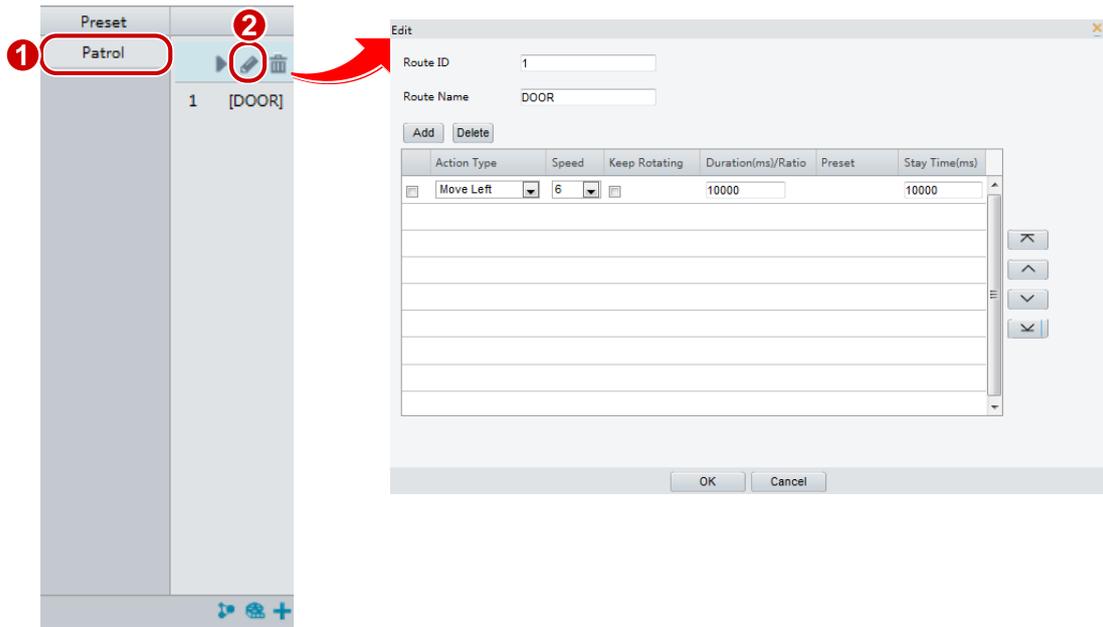
1. On the **Live View** page, click **Patrol** on the control panel.



2. Click  for the patrol route you want to start.

Edit a patrol route

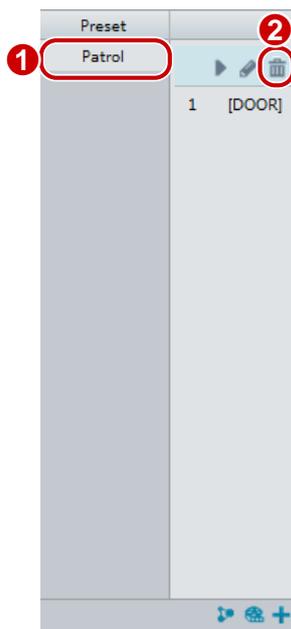
1. On the **Live View** page, click **Patrol** on the control panel.



2. Click  for the patrol route you want to edit and modify the settings as required.

Delete a patrol route

1. On the **Live View** page, click **Patrol** on the control panel.



2. Click  for the patrol route you want to delete and then confirm the delete.

Setting Home Position

PTZ camera will return to home position if no operation is made within a specified period.

Note: You need to add presets or a patrol route first. See Add a preset and Add a patrol route for details.

1. Click **Setup > PTZ > Home Position**.

Home Position On Off

Mode

ID

Idle State(s)

2. Select a mode and ID.
3. Click **Save**.

Remote Control PTZ

When the third-party platform is used and the PTZ protocol does not match that, you can set the remote control function to control the PTZ.

1. Click **Setup > PTZ > Remote Control**.

Remote Control On Off

Listener Port

Address Code

2. Select **On** to enable **Remote Control**. Set the listener port and address code. The following table describes some major parameters.

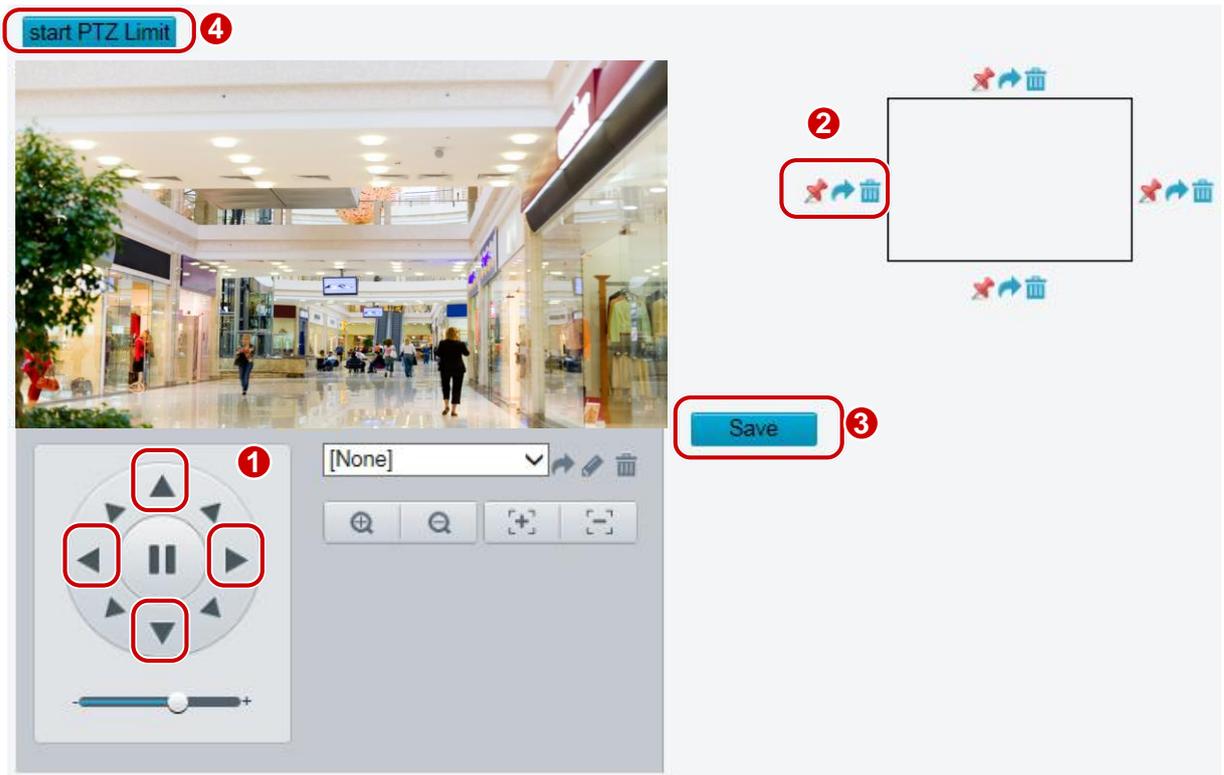
Acronym	Description
Listener Port	Camera's local port, which cannot be a port that is already in use. Change the default setting only when necessary.
Address Code	The camera can read the address code contained in instructions. The camera interprets the instruction only when the address code in the instruction is the address code configured here.

3. Click **Save**.

PTZ Limit

Set rotation limits to prevent the PTZ camera from hitting obstacles such as a wall.

1. Click **Setup > PTZ > PTZ Limit**.



2. Use directional buttons to rotate the camera to an intended position.
3. Click  to set the current position as a limit. For example, click  on the top to set the upper limit. Clicking  will rotate the camera to the current position if the direction has been changed.
4. Repeat the above steps to set all limits as needed (up, down, left, right).
5. Click **Save**.
6. Click **Start PTZ Limit** to apply the setting.
7. Click  to delete settings and reset the limit.

Resume Patrol

1. Click **Setup > PTZ > Patrol**.

Preset Snapshot	<input checked="" type="radio"/> On <input type="radio"/> Off
Resume Patrol(s)	<input type="text" value="60"/>

2. Set the time when patrol resumes.
3. Click **Save**.