Network Camera User Manual

Manual Version: V3.00

Thank you for your purchase. If you have any questions, please do not hesitate to contact your dealer.

Disclaimer

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Safety Instructions

CAUTION!
The default password is intended only for your first login. For security, we strongly recommend you set a strong password of at least 9 characters comprising digits, letters, and special characters.

Be sure to read this manual carefully before use and strictly comply with this manual during operation.

The illustrations in this manual are for reference only and may vary depending on the version or model. The screenshots in this manual may have been customized to meet specific requirements and user preferences. As a result, some of the examples and functions featured may differ from those displayed on your monitor.

- This manual is intended for multiple product models, and the photos, illustrations, descriptions, etc, in this manual may be different from the actual appearances, functions, features, etc, of the product.
- Uniview reserves the right to change any information in this manual without any prior notice or indication.
- Due to uncertainties such as physical environment, discrepancy may exist between the actual values and reference values provided in this manual. The ultimate right to interpretation resides in our company.
- Users are fully responsible for the damages and losses that arise due to improper operations.

Environmental Protection

This product has been designed to comply with the requirements on environmental protection. For the proper storage, use and disposal of this product, national laws and regulations must be observed.

Safety Symbols

The symbols in the following table may be found in this manual. Carefully follow the instructions indicated by the symbols to avoid hazardous situations and use the product properly.

Symbol	Description
WARNING!	Indicates a hazardous situation which, if not avoided, could result in bodily injury or death.
CAUTION!	Indicates a situation which, if not avoided, could result in damage, data loss or malfunction to product.
NOTE!	Indicates useful or supplemental information about the use of product.

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1 Login

1.1 Preparation

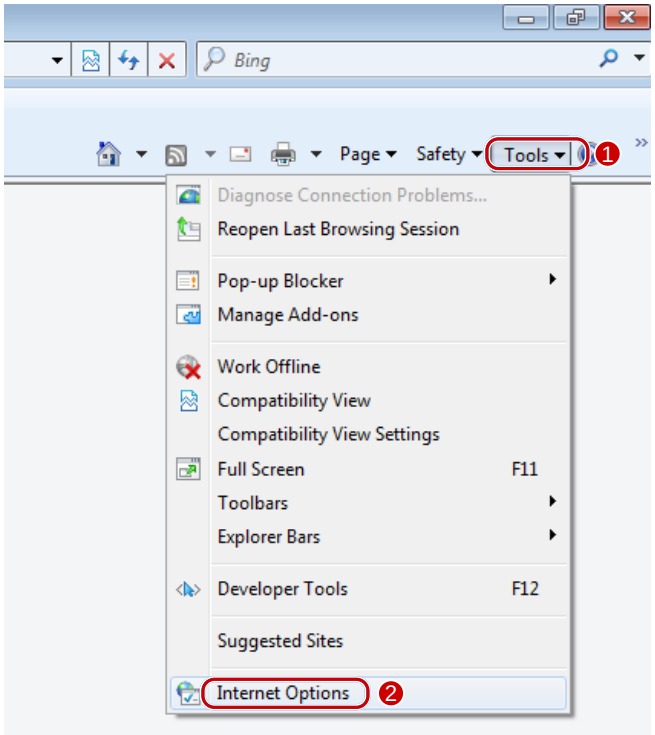
Refer to the camera's quick guide to install it properly, and then connect power to start up it. You can log in to the camera's web interface to perform management or maintenance operations.

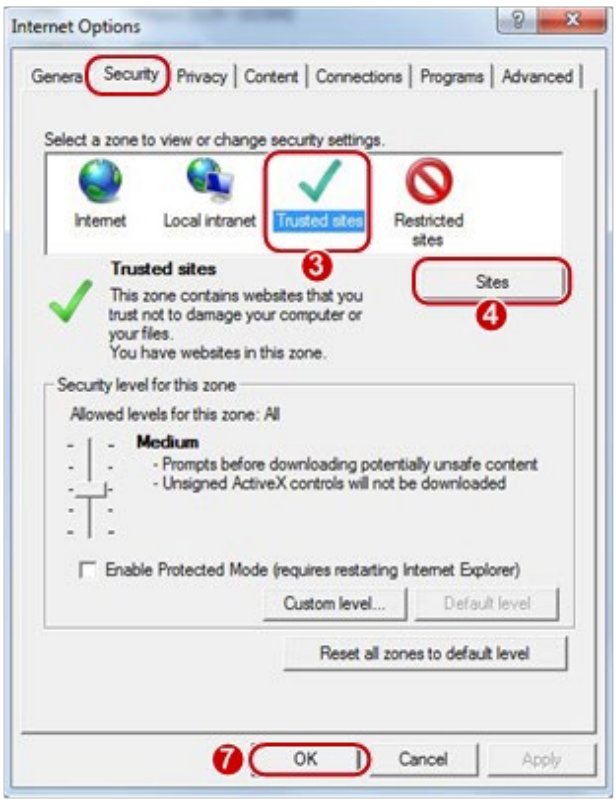
The following takes IE on a Windows 7.0 operating system as an example.

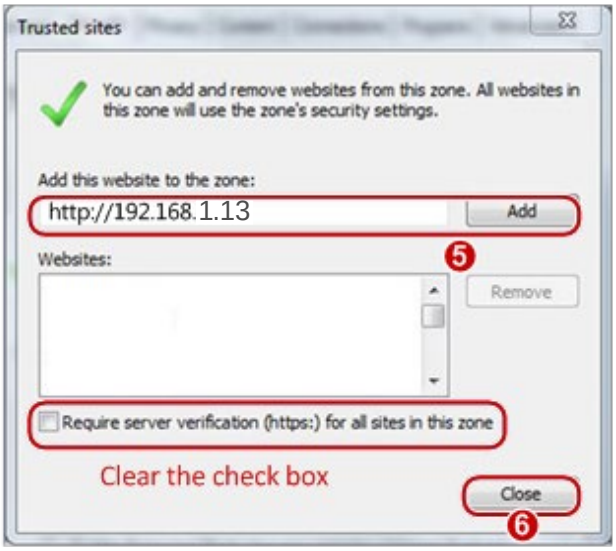
1. Check before l ogin

- The camera runs normally.
- The PC has a network connection to the camera.
- A web browser has been installed on the PC. Microsoft Internet Explorer 10.0 or later is recommended.
- For optimal display, it is recommended to choose a monitor with the highest resolution of the camera.

NOTE!
Recommended PC specifications for 32MP live view: CPU: Intel® Core™ i7 8700; Graphics card: GTX 1080; RAM: DDR4 8GB or higher.

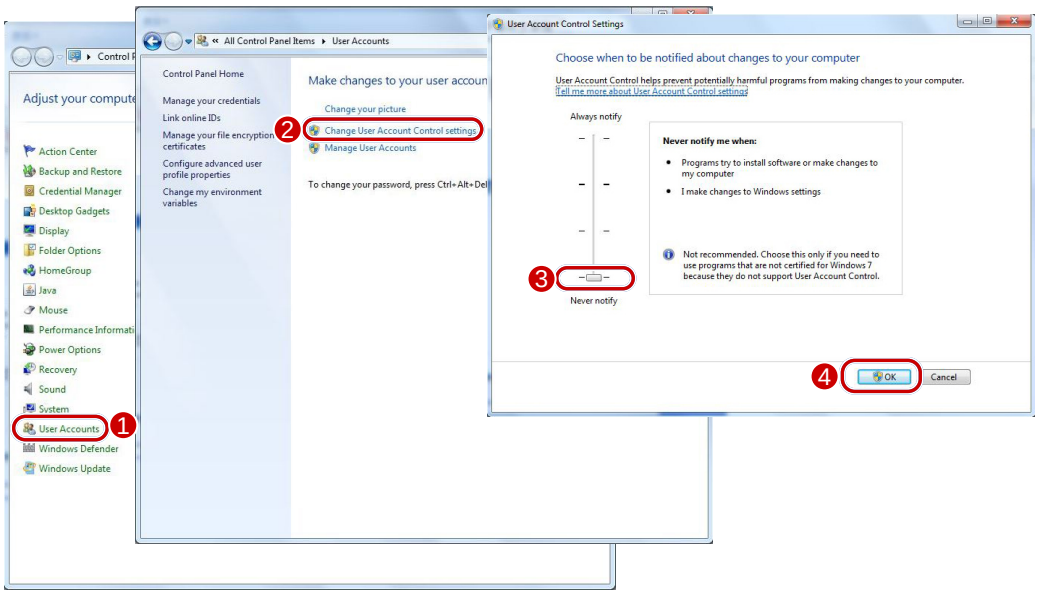






3. (Optional) Change user account control settings

Before you access the camera, it's recommended to set User Account Control to Never notify as shown below.



1.2 Login

The default static IP address of the camera is 192.168.1.13, and the default subnet mask is 255.255.255.0.

DHCP is enabled by default on the camera. If a DHCP server is deployed in the network, the camera may be assigned an IP address, and you need to use the assigned IP address to log in.

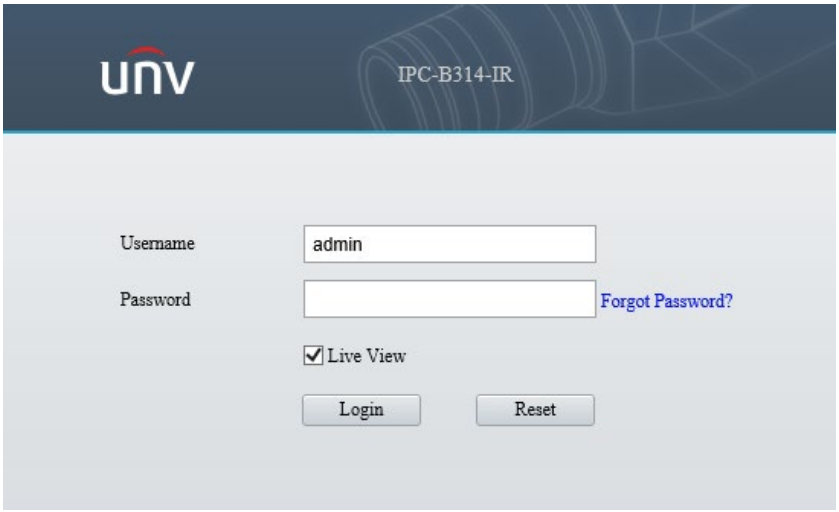
Follow the steps below to log in to the camera's web interface (take IE10 as an example):

Open IE, enter the IP address of your camera in the address bar and press Enter .

At your first login, you need to follow the on-screen instructions to install a plug-in (close all browsers before installation), and then open the browser again to log in. To manually load the plug-in, type http://IP address/ActiveX/Setup.exe in the address bar and press Enter .

Set whether to start live view automatically after login.

- With Live View selected, live view will start automatically after login.
- With Live View not selected, you need to start live view manually.



After first login, the Change Password dialog box appears, in which you must set a strong password and enter your email address in case of password retrieval.

(1) Set a strong password of 9 to 32 characters including all three elements: digits, letters, and special characters.

(2) Enter your email address in case of password retrieval.

See User for more information.

If you forgot your password, click Forgot Password in the login page, then follow the on-screen instructions to reset your password.

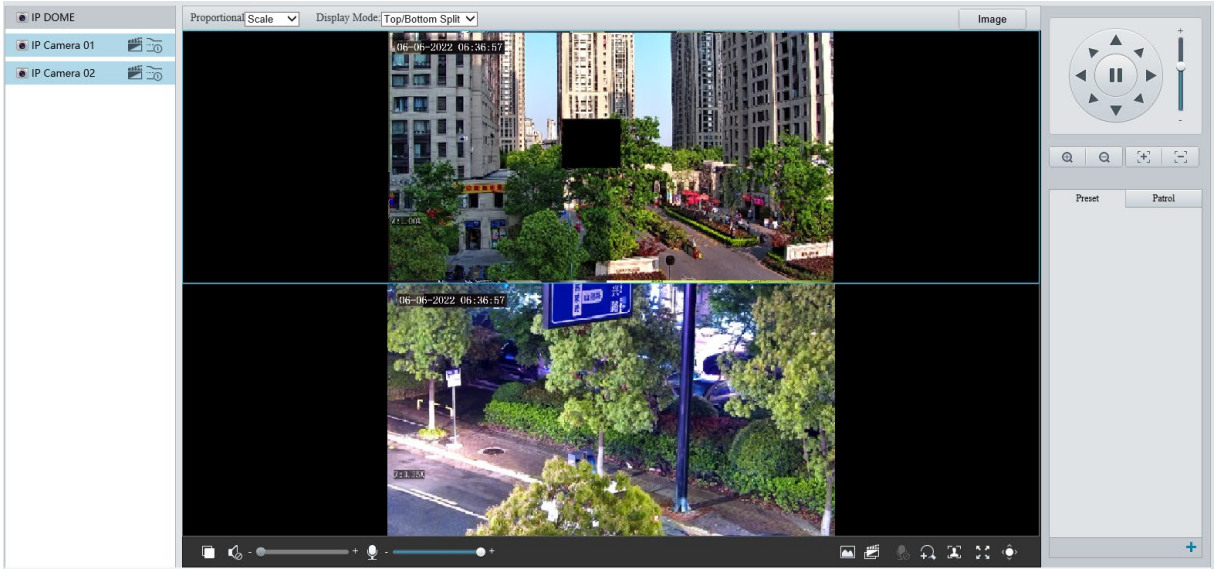
2 Live View

2.1 Live View

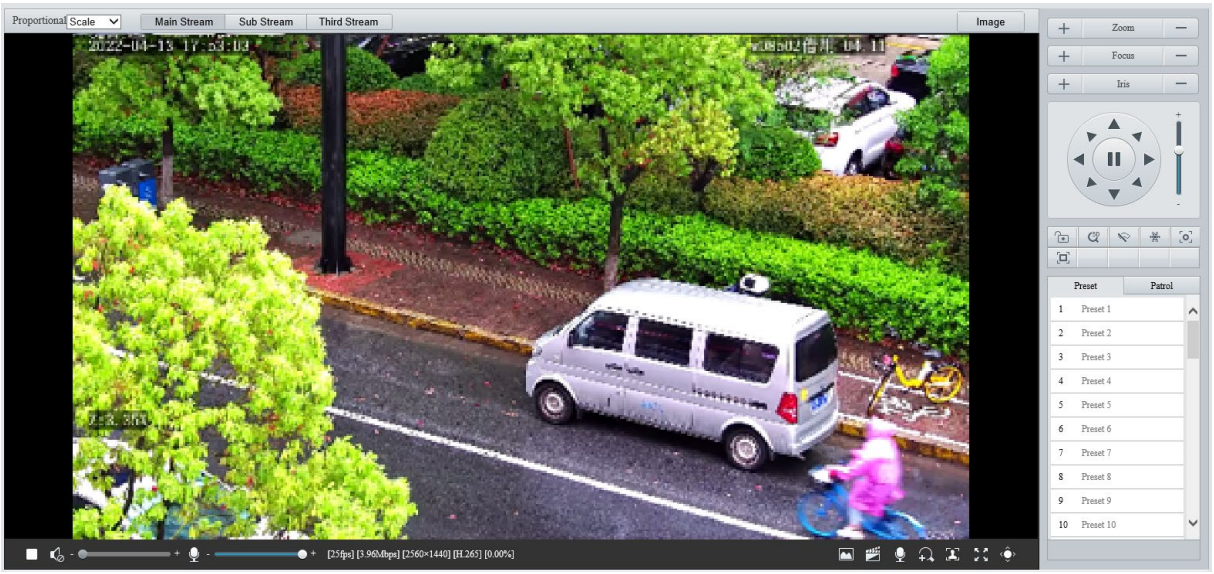
The page shows the live video from the camera.

You may double-click the window to enter or exit full screen mode.

Live view page of dual-channel camera

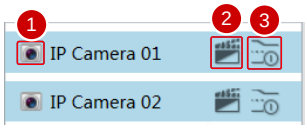


Live view page of single-channel camera



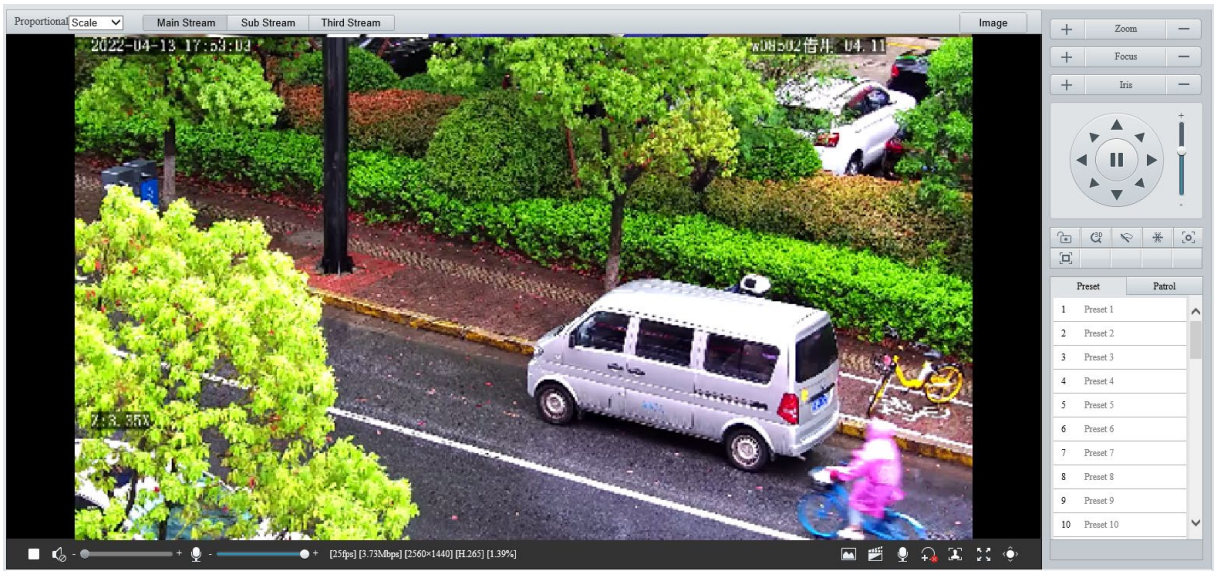
NOTE!
Live view operations supported may vary with device model.

Live View Toolbar

Item	Description
	Set the image display ratio in the window. z Scale: Displays 16:9 images. z Stretch: Displays images according to the window size (stretch images to fit the window). z Original: Displays images with original size.
	Set the image display mode in the window. z Single Channel: Displays live video of a single channel. z Left/Right Split: Displays live video in left/right split mode. z Top/Bottom Split: Displays live video in top/bottom split mode. z Picture in Picture: Opens a floating live view window on top of the current window. NOTE! This function is only available on dual-channel cameras.
	1: Stop/start live view of the selected channel. 2: Start local recording. 3: Switch streams.
	Select a live video stream according to your camera.
	Set image parameters.
/	Start/stop live view.
/	Turn off/on sound.
	Adjust the output volume for the media player on the PC. Range: 1 to 100.
	Adjust the microphone volume on the PC during audio communication between the PC and the camera. Range: 1 to 100.
	Frame rate/bit rate/resolution/packet loss rate.
	Take a snapshot from the displayed live video. NOTE! See Local Parameters for the path of the saved snapshots.
/	Start/stop local recording. NOTE! z See Local Parameters for the path of the saved local recordings. z VLC media player is recommended for playing local recordings of 4K cameras.
/	Start/stop two-way audio.
/	Start/stop digital zoom. See Digital Zoom for details.
/	Start/stop capturing. See Snapshot for details.
	Full screen.
	Show/hide PTZ control panel.

2.1.1 Digital Zoom

Click in the live view toolbar to enable digital zoom.



View the magnified area.

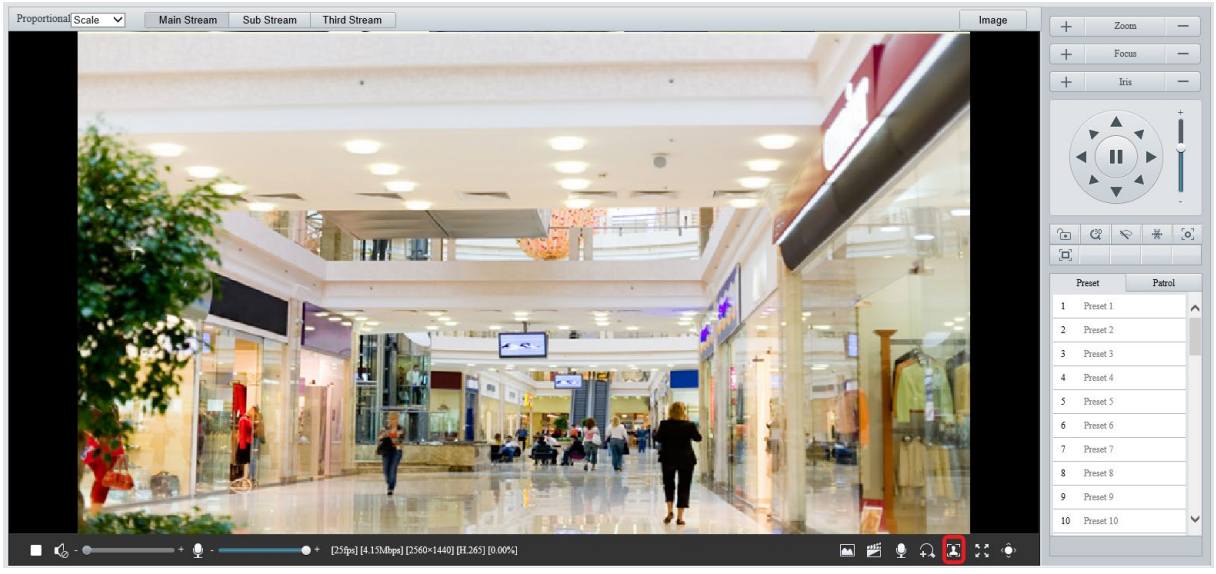
- Click in the live view window and roll the wheel to zoom in or out on the image. Drag your mouse to view all the magnified area. To restore, right-click in the window.
- Click in the live view window and drag your mouse to specify the area (rectangular area) to be magnified. Drag your mouse to view all the magnified area. To restore, right-click in the window.

To exit, click .

2.1.2 Capture

NOTE!
This function is only available on certain models.

Click in the live view toolbar to start capture.



View captured images.

- Click Open Image Folder to view the images captured from the live video on your PC. The images are saved in JPEG format.

  You can change the storage location in Setup > Common > Local Parameters. If the disk has less than 100MB free space, you will be prompted to clear up the auto snapshot folder, and new snapshots will not be displayed in the live view page until the disk space is freed.
- To delete all captured images, click Clear All Records.

To exit, click .

2.1.3 5ePTZ

Click in the live view toolbar to enable 5ePTZ tracking.

Set the tracking area. In 5ePTZ tracking mode, the live view window is divided into 1 panoramic window and 5 tracking windows. You may rest the cursor on the tracking boxes in the panoramic window or tracking windows and use the scroll wheel to zoom in or out, and drag the tracking windows to rearrange them.

Enable perimeter protection (see Smart), then the camera can automatically detect moving objects in the detection area, and simultaneously track and enlarge 5 objects that trigger the alarm rules until the objects disappear.

To exit, click .

2.2 PTZ Control

NOTE!

- This function is only available on PTZ cameras or cameras installed on PT mounts.
- Some lens control functions are available on cameras equipped with motorized lenses.
- The PTZ control buttons may vary with camera model.

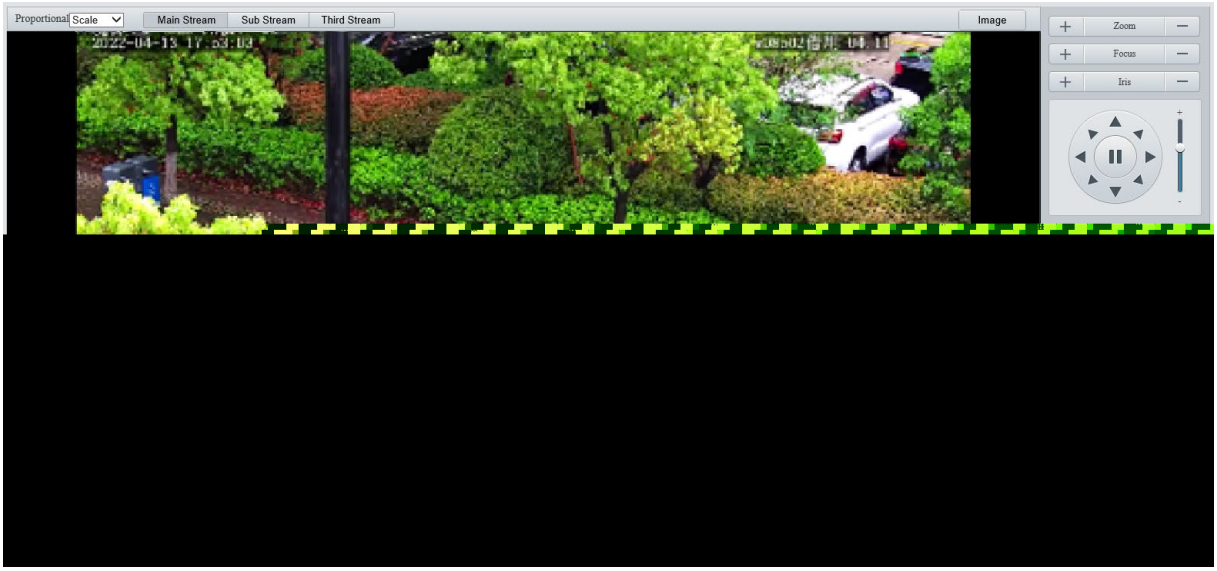
PTZ Control Panel

Item	Description
	Zoom in/out on images.
	Focus far/near for sharp images at a distance/at close range.
	Increase/reduce the amount of light that enters the camera for brighter/darker images.
	Scene lock, used for locking PTZ and lens. NOTE! After you lock the scene, the camera does not move, zoom and focus.
	3D positioning.
	One-click focus.
	Area focus.
/	Enable/disable wiper.
	Adjust the rotation speed of the camera.
	Adjust the rotation direction of the camera or stop rotation.
/	Enable/disable IR.
/	Enable/disable heater.
/	Enable/disable light.
/	Enable/disable snow removal.
	Adjust camera zoom.
	Auto back focus adjustment.
	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. NOTE! These buttons are unavailable when 3D positioning or digital zoom is enabled.
	Shortcut keys for zooming in or out in live view. Scroll the wheel forward to zoom in or backward to zoom out. NOTE! This function is only available on cameras with motorized lenses.

2.2.1 3D Positioning

NOTE!
This function is only available on dome cameras and box cameras with motorized lens and PTZ.

Click in the PTZ control panel to enable 3D positioning.

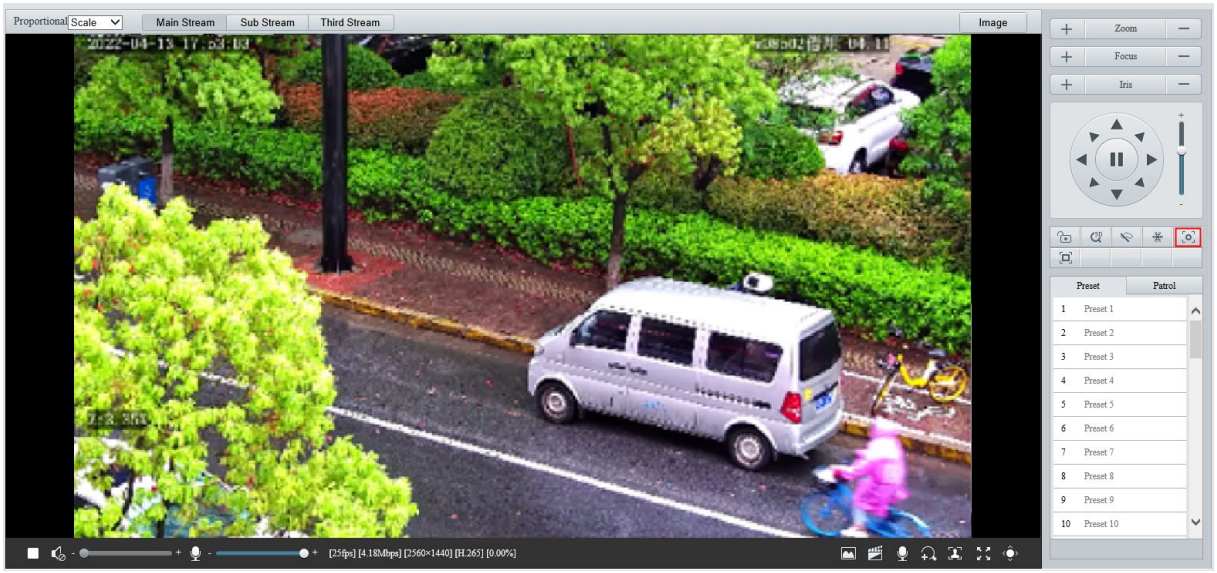


Click on the image and drag down/up to delineate a rectangular area to zoom in/out.

To exit, click .

2.2.2 Area Focus

Click in the PTZ control panel to enable area focus.



Click on the image and drag to delineate a rectangular area to start auto focus in this area.

To exit, click .