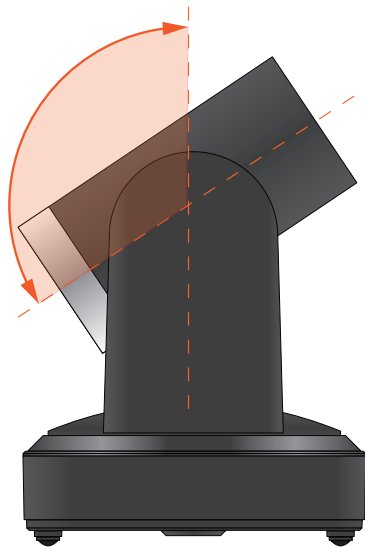


Controlling the Camera

The AT-HDVS-CAM can be controlled using the included IR Remote Control or through the webGUI. Refer to the [WebGUI](#) (page 24) for more information about accessing the webGUI.

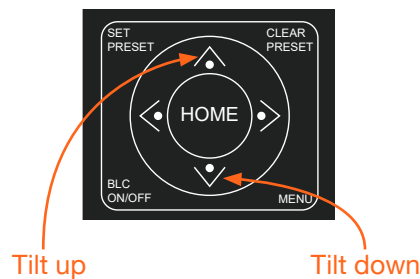
Tilt

The camera tilt range is approximately -45 degrees to +90 degrees. Use one of the following methods to adjust the camera tilt.




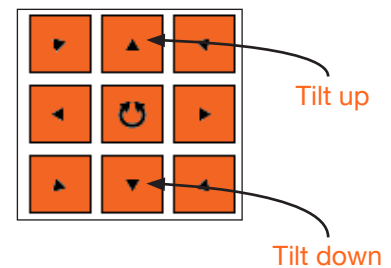
IR Remote Control

- Press and release the up or down arrow button to adjust the tilt of the camera in small increments.
- Press and hold the up or down arrow button to adjust the camera tilt at a faster rate.
- Press the **HOME** button to return the camera to the “home” position.



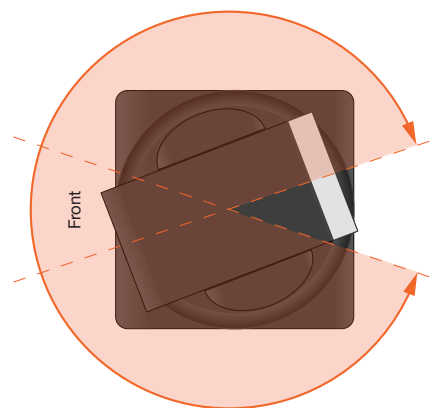
webGUI

1. Click **Control** in the side menu bar.
2. Click the up-arrow or down-arrow button to tilt the camera up or down, respectively.
3. Click the  icon in the center to return the camera to the “home” position.



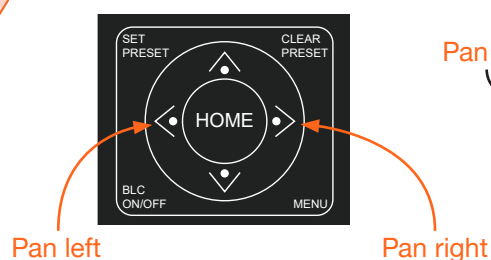
Pan (Rotation)

The camera pan range is approximately 360 degrees. Use one of the following methods to adjust the camera pan.




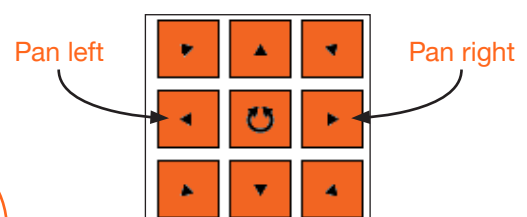
IR Remote Control

- Press and release the left or right arrow button to adjust the camera tilt in small increments.
- Press and hold the left-arrow or right-arrow button to adjust the camera tilt at a faster rate.
- Press the **HOME** button to return the camera to the “home” position.



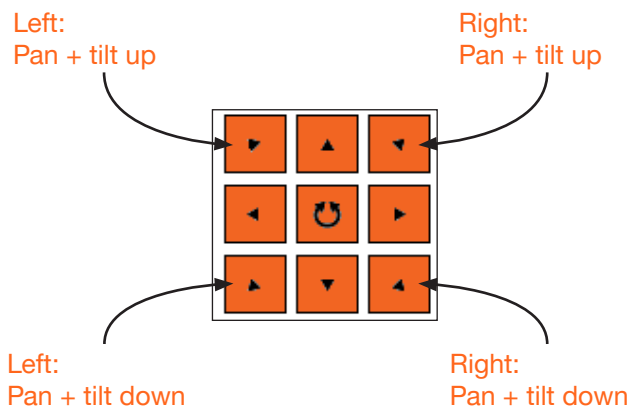
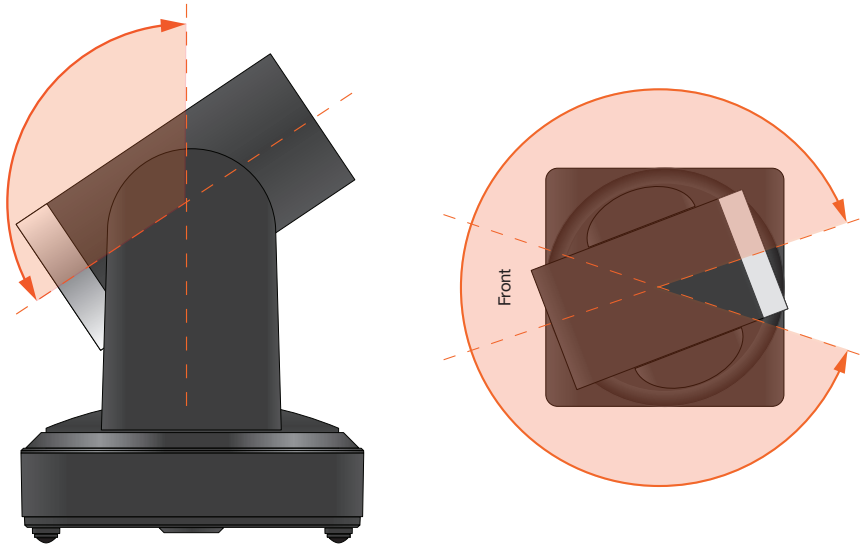
webGUI

1. Click **Control** in the side menu bar.
2. Click the left arrow or right arrow button to tilt the camera up or down, respectively.
3. Click the  icon in the center to return the camera to the “home” position.




Tilt and Pan Combinations

The webGUI provides a method for combining both tilt and pan motion. Note that this function is *not* available on the included IR Remote Control.



webGUI (only)

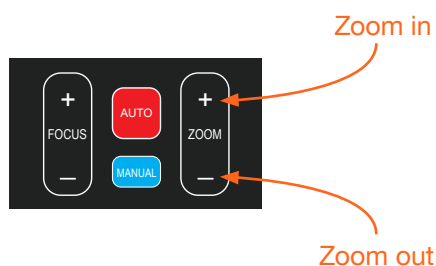
1. Click **Control** in the side menu bar.
2. Click the diagonal arrow buttons to simultaneously tilt and pan the camera in the desired direction:
 - **Upper Diagonal-left arrow**
Pans and rotates camera up and to the left.
 - **Lower Diagonal-left arrow**
Pans and rotates camera down and to the left.
 - **Upper Diagonal-right arrow**
Pans and rotates camera up and to the right.
 - **Lower Diagonal-right arrow**
Pans and rotates camera down and to the right.
3. Click the  icon in the center to return the camera to the “home” position.

Zoom

The camera provides a zoom factor up to 10x. Use one of the following methods to adjust the camera zoom.

IR Remote Control

- Locate the **ZOOM** rocker switch on the IR Remote Control.
- Press and release + to zoom-in or press - to zoom-out.
- Press and hold these buttons to zoom-in or zoom-out at a faster rate.



webGUI

1. Click **Control** in the side menu bar.
2. Click + to zoom-in or click - to zoom out.



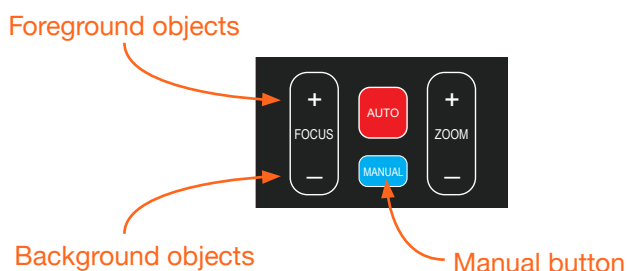
Focus

When positioning the camera on an object, it may be necessary to adjust the focus for a clear image. The AT-HDVS-CAM can be set to auto focus or manual focus. By default, the AT-HDVS-CAM is set to auto-focus mode.

NOTE: In order to manually control the focus, the AT-HDVS-CAM must be in manual focus mode. Press the **MANUAL** button to enter manual focus mode.

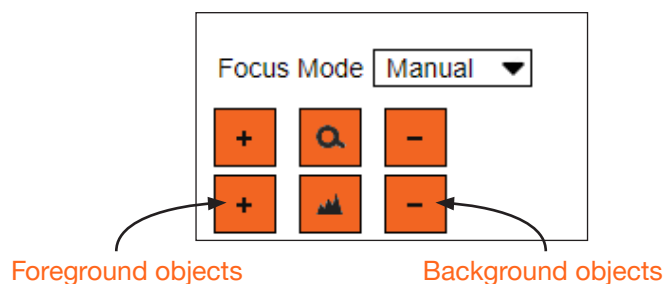
IR Remote Control

- Press and release the **MANUAL** button.
- Locate the **FOCUS** rocker switch on the IR Remote Control.
- Press and release + to increase focus on objects in the foreground. Press and release the - to focus on objects in the background.
- Press and hold these buttons to adjust the focus at a faster rate.



webGUI

1. Click **Control** in the side menu bar.
2. Set the AT-HDVS-CAM to manual focus mode by selecting **Manual** from the **Focus Mode** drop-down list.
3. Click + to focus on foreground objects or click - to focus on background objects.



Backlight Compensation (BLC)

BLC is a feature which automatically adjusts the exposure control of the camera. When enabled, BLC will attempt to increase the ambient foreground light and “darken” any background light. For example, a subject standing in front of a window in the daytime, will produce a sillhouetted effect. Enabling BLC will compensate for the difference in lighting.

IR Remote Control

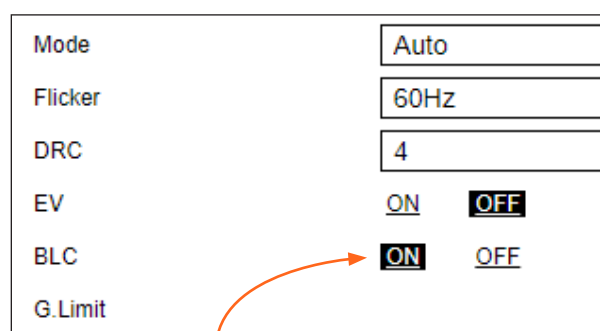
1. Point the IR Remote Control at the front of the AT-HDVS-CAM.
2. Press and release the **BLC ON/OFF** button to toggle BLC on or off.



BLC on/off button

webGUI



1. Click **Exposure** in the side menu bar.
2. Click ON to enable BLC. Click OFF to disable BLC.

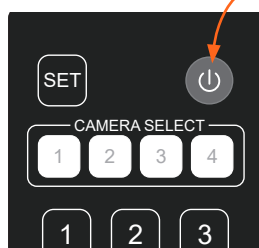


BLC ON

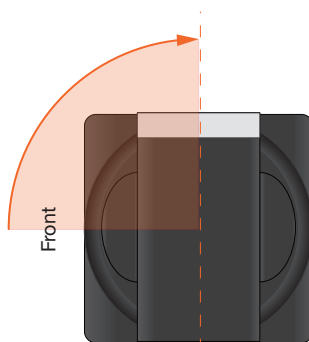
Standby Mode

Placing the AT-HDVS-CAM in standby mode will power-down the camera. Placing the camera in standby mode is managed using the IR Remote Control.

1. Point the IR Remote Control at the front of the AT-HDVS-CAM.
2. Press and hold the  button for three seconds.
3. The camera will rotate 90 degrees and the camera lens assembly will tilt approximately 45 degrees. The camera is now in standby mode.
4. Press and hold the  button for three seconds to wake the camera. After the camera is awake, it will return to the home position.



Power button



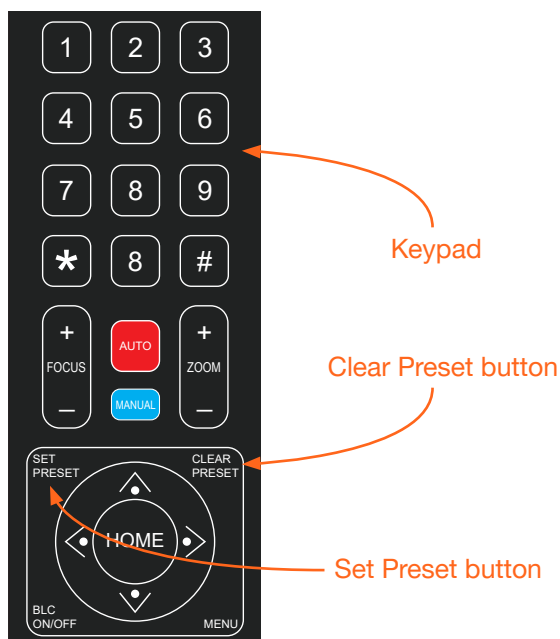
NOTE: The camera will always be set to the home position after this sequence is performed. To return the camera to the last position, either position it manually or recall the saved preset.

Managing Presets

Camera positions can be stored to local memory and recalled at a later time. Presets are stored and recalled using the included IR Remote Control. Up to 10 presets can be saved.

Saving Presets

1. Set the camera in the desired position.
2. Point the IR Remote Control at the front of the AT-HDVS-CAM.
3. Press the **SET PRESET** button.
4. Press the desired number on the IR Remote Control keypad to assign the position of the camera to the preset.



Clearing a Preset

Presets can be erased. It is not necessary to clear a preset, before saving a new camera position in the same preset. If a preset is saved to an existing preset, it will be overwritten.

1. Press the **CLEAR PRESET** button.
2. Press the desired number on the IR Remote Control keypad to clear the preset.

NOTE: To clear all presets, press and release the [#] key on the keypad, three times.

Recalling Presets

1. Point the IR Remote Control at the front of the AT-HDVS-CAM.
2. Press the number of the desired preset from the IR Remote Control keypad.
3. The camera will be set to the position defined by the preset.