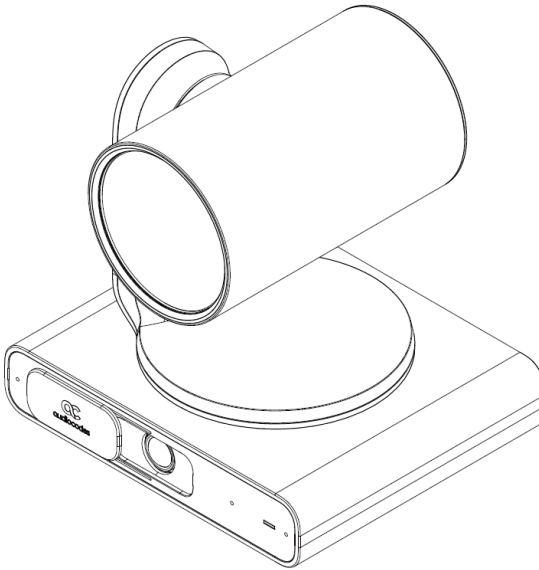


Quick Guide

Welcome

Congratulations on purchasing your **AudioCodes RXVCam70 PTZ Camera**!



Checking Package Contents

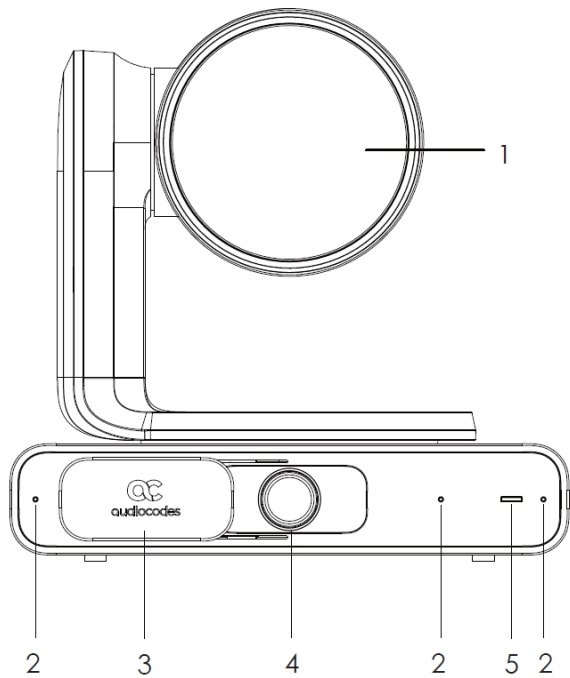
Before installing your RXVCam70, make sure these items are included in your shipped box:

- ✓ Power Supply
- ✓ USB cable (A-C) 2m
- ✓ Wall Mount Bracket
- ✓ Power Adaptor
- ✓ Remote Control (RC)
- ✓ Ethernet cable



Getting Acquainted

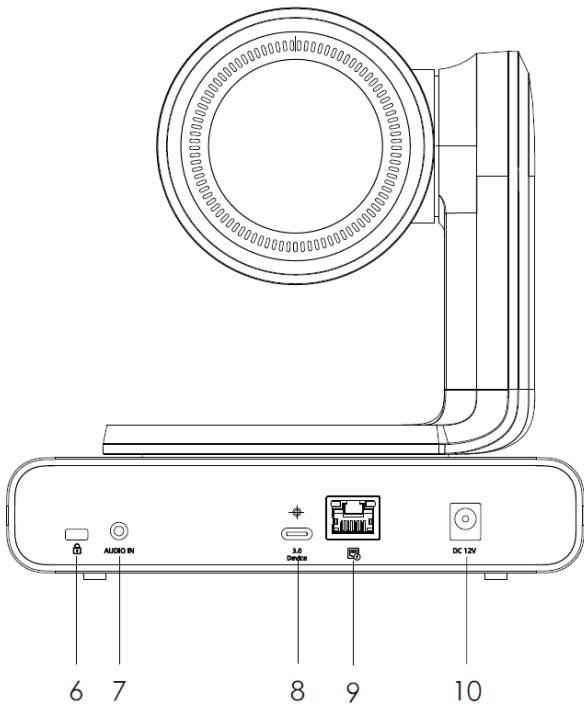
The figure below shows the *front* view of the RXVCam70.



Use the table as reference to the preceding figure.

#	Description
1	PTZ Optical Zoom camera
2	Microphone array
3	Privacy cover
4	Room view wide-angle camera
5	LED indicator light

The figure below shows the *back* view of the RXVCam70.



Use the table as reference to the preceding figure.

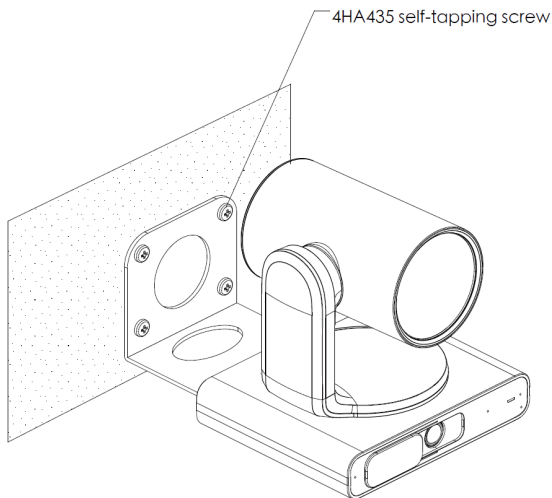
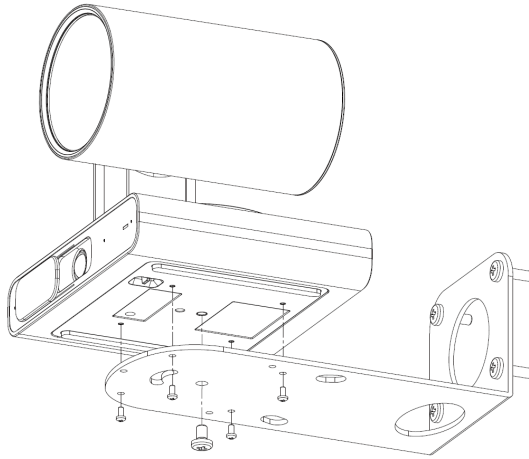
#	Description
6	Safety lock hole
7	Audio In port
8	USB 3.0 port
9	RJ-45 network port (PoE+)
10	DC 12V port

Installation



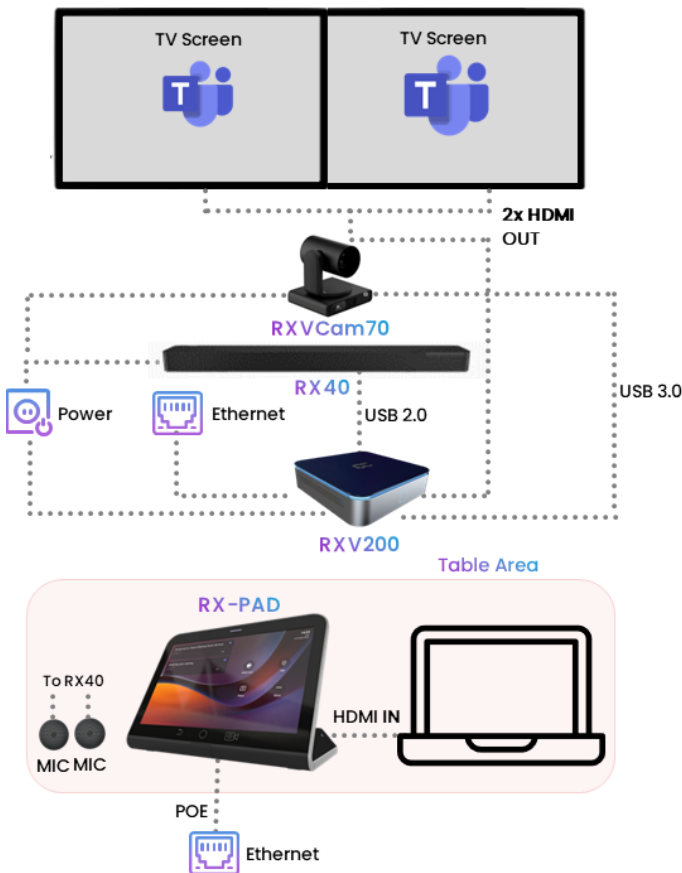
- The recommended installation height is 1.5m-1.8m above ground level.
- Screw specifications: 1 round head Phillips machine screw 1/4"-20UNC10)
- 4 cross-slotted round head screws with self-tapping threads (PWM3*8)

Use the figures below as reference.



Cabling

Use the figure below as reference when cabling RXVCam70.



- The preceding figure shows the AudioCodes **RX40** Speakerphone (under the two TVs together with RXVCam70) to illustrate the setup's audio device.
- Alternatively, other audio devices can be used, such as AudioCodes' **RX15** Speakerphone | Huddle Room Speaker (placed on the table together with RX-PAD).

Determining Camera Processes from Light Indicators

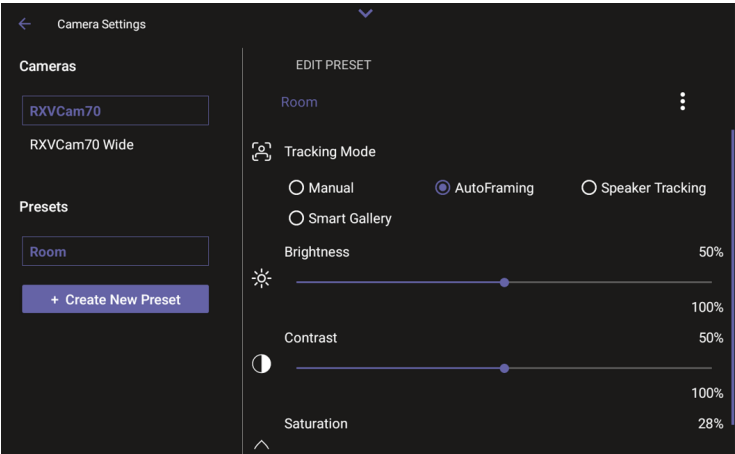
Use the table below as reference.

Light Indicator	Status
Steady red light	Standby
Orange	Boot process
Steady white light	Camera On
Flashing blue light	Upgrade process
Flash once	Remote control

Camera Tracking Modes


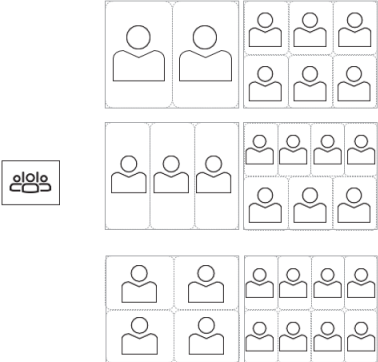

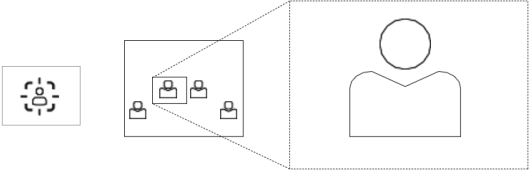
Access the 'Camera Settings' screen by pressing the soft-touch camera button located below the RX-PAD's screen, and then select one of the following RXVCam70 camera tracking modes:

- ✓ **Manual**
- ✓ **Auto Framing**
- ✓ **Speaker Tracking**
- ✓ **Presenter Tracking**
- ✓ **Smart Gallery**



Choosing a Tracking Mode

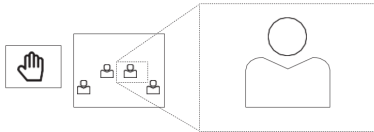
Use the table below as reference when choosing a Tracking Mode.

<div></div> <div>Smart Gallery</div>	<ul style="list-style-type: none">▪ Automatically identifies 1-8 people▪ Automatically lays out the display▪ When a person moves, the camera automatically tracks them and keeps them centered▪ Switching from one person to another is accompanied by dynamic effects of entry and exit
	
<div></div> <div>Presenter Tracking</div>	<ul style="list-style-type: none">▪ [Currently supported by the RC only]▪ Automatically identifies and tracks the position of the presenter to ensure that that person remains centered.▪ Press the left and right keys to select the target to track.▪ Press OK to choose the target.
	



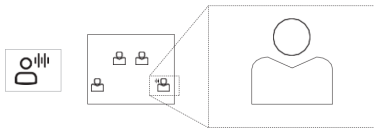
Manual

- Select this option to manually adjust the Zoom, Tilt or Pan.
- In RX-PAD's 'Camera Settings' page, use the sliders to set Zoom, Tilt or Pan.
- Using the RC, after selecting an area to display, zoom in | out, move up | down, and move left | right.
- This mode does not have AI functions.



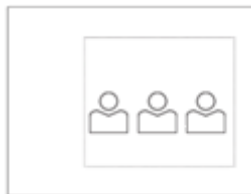
Speaker Tracking

- Automatically tracks speakers who speak continuously for 3-5 seconds
- Focuses on the speaker (displays them close-up allowing participants to focus more)
- Effective distance: 6m



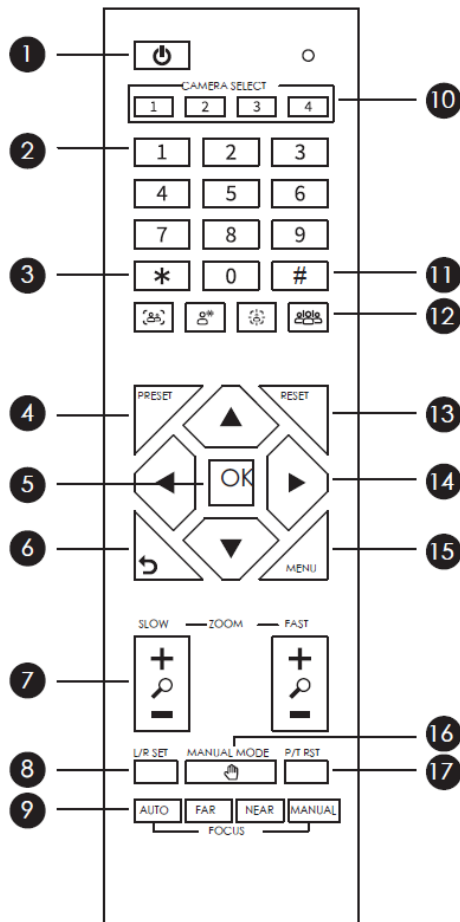
Group Framing

- [Supported by RX-PAD Camera Settings] [Same as 'Auto Framing'] Automatically detects and frames all the participants in the room.
- Effective distance: 8m



Getting Acquainted with the Remote Control (RC)

Use the table following the figure below as reference.



Use the table as reference to the preceding figure.

#	Item	Description
1	Standby	Press to put the camera in standby mode.
2	Number keys	Set or call presets.

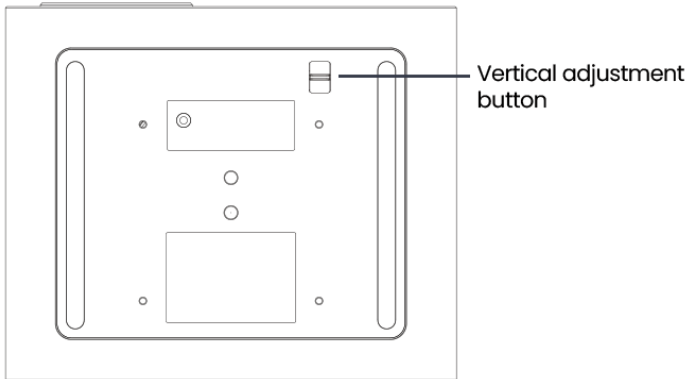
#	Item	Description
3	*	Use in combination with other buttons.
4	PRESET	Set presets: Set preset + number (0-9). Preset 0 can be set as the default.
5	OK	Confirm the selected menu or press to return the pan/tilt to the center position.
6	Back	Press to return to the previous level in the OSD (on-screen display) menu.
7	ZOOM	Slowly or quickly zoom the lens in/out.
8	L/R SET [Left/Right Setting]	Defines the gimble rotation when the right or left key (#14) is pressed: <ul style="list-style-type: none"> ▪ Press this button + "1" key simultaneously - right and left key (#14) moves camera to the right and left, respectively. ▪ Press this button + "2" simultaneously - right and left key (#14) moves camera to the left and right, respectively.
9	FOCUS	Switch focus: Auto/Manual/Far/Near
10	CAMERA SELECT	Select the camera to be controlled.
11	#	Use in combination with other buttons.
12	AI Mode	Auto Framing, Voice Tracking, People Tracking, Smart Gallery
13	RESET	Press this button + preset number key (0-9) in sequence to clear presets.
14	Pan/tilt control	① In manual mode, control the direction of the PTZ ② In the menu, switch directions

#	Item	Description
		③ In people tracking mode, select the tracking target
15	MENU	Press to enter or exit the OSD (on-screen display) menu.
16	MANUAL MODE	Exit AI tracking.
17	P/T RST Key	Press to start self-check of the pan/tilt.

Calibrating Camera

Calibrating the RXVCam70 camera is essential for achieving optimal camera views of the meeting room and its participants. The calibration process aligns the PTZ optical zoom camera with the wide-angle, room-view camera.

Before calibrating the RXVCam70 and during initial installation, you may need to manually adjust the vertical angle of the AI lens ($\pm 10^\circ$). To do this, toggle the button located on the bottom of the camera view:



Moving or repositioning the RXVCam70 camera after adjusting the vertical angle (as described above) will cause a loss of calibration.

☛ **To calibrate RXVCam70 camera:**

1. Switch the camera to Manual mode by pressing the **MANUAL** button on the remote control.
2. Activate calibration by pressing these buttons sequentially on the remote control: **#**, *****, and then **5**.
3. Use the **left/right** and **up/down** arrow buttons on the remote control to adjust the screen position. Align (as much as possible) the calibration cross "+" on the main screen (PTZ optical zoom camera) with the same object in the room as the calibration cross "+" on the wide-angle screen (AI lens).
4. Save your camera calibration settings by pressing these buttons sequentially on the remote control: **#**, *****, and then **6**.

The figure below illustrates an example of a calibrated RXVCam70. As shown, the calibration crosses on both screens—the PTZ optical zoom camera and the AI lens—are aligned with the same object in the room:



Maintenance and Troubleshooting

Camera Maintenance:

- ✓ If the camera mode (e.g., Smart Gallery) doesn't properly frame the person in the room (for example, part of the face is hidden), recalibrate the camera.
- ✓ If the RXVCam70 camera is not used for a long time, turn it off and take the AC adaptor's power cord out of the AC electrical outlet.
- ✓ Make sure to clean the camera cover with a soft cloth or tissue.
- ✓ Make sure to use a soft, dry cloth to clean the lens. If the camera is dirty, please clean it with diluted neutral detergent.
- ✓ Do not use any type of solvents which may damage the surface.

Unqualified Application:

- ✓ No shooting extreme bright objects for a long time, for example, sunlight and light sources.
- ✓ No operating the camera in unstable lighting conditions; otherwise, the image will flicker.
- ✓ No operating the camera close to powerful electromagnetic radiation, for example, TV and radio transmitters.

International Headquarters

6 Ofra Haza Street
Naimi Park
Or Yehuda, 6032303, Israel
Tel: +972-3-976-4000
Fax: +972-3-976-4040

AudioCodes Inc.

80 Kingsbridge Road
Piscataway, NJ 08854
Tel: +1-732-469-0880
Fax: +1-732-469-2298

Contact us: <https://www.audiocodes.com/corporate/offices-worldwide>

Website: <https://www.audiocodes.com/>

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