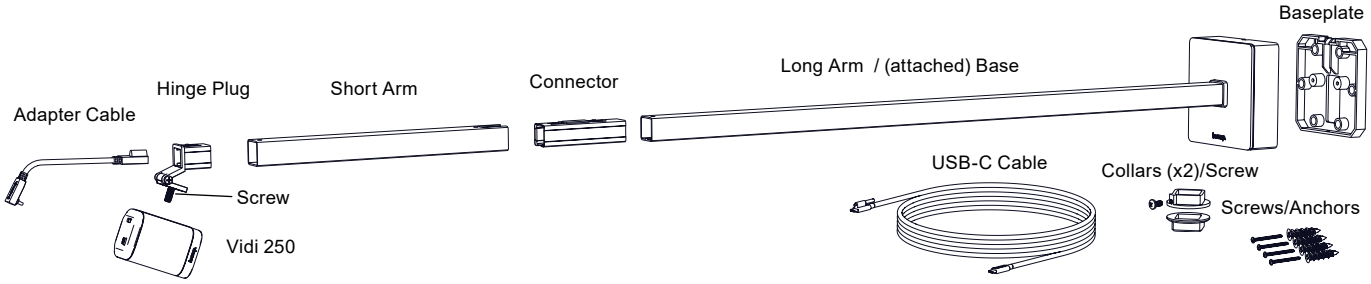
Vidi Content Cam 250

Installation and Operation Guide

Ceiling and Wall mounting options

IN THE BOX



CONTENTS

- Baseplate
- Long arm (preattached to base)
- Short arm
- Connector (arm)
- Hinge plug
- USB-C Adapter Cable
- Vidi 250 camera
- 50' [15.2m] USB-C cable
- Collars x2 (for ceiling mounting)
- Hardware

TOOLS NEEDED

- Phillips Screwdriver
- Straight Screwdriver

Additional for ceiling tile install:

- Drill with hole saw or
- Knife

Software

Biamp Camera Controller Software Downloads

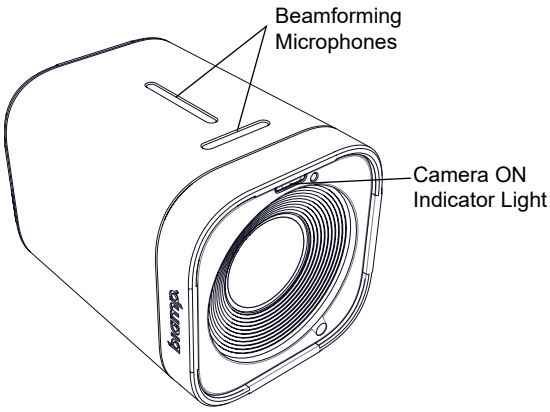
OPTIONAL ACCESSORIES

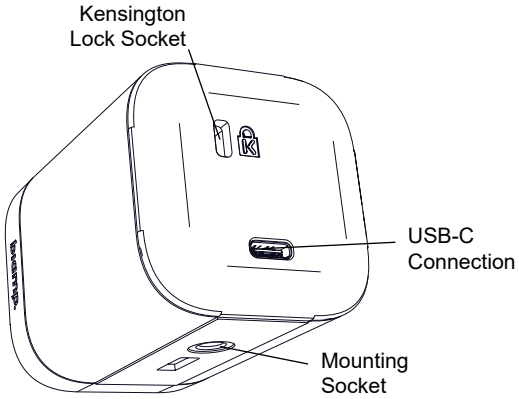
- Safety Cable
- Seismic Cable Adaptor

For ceiling tile install:

- TB-1 Tile Bridge Qty 1 or 2 depending on mounting option chosen

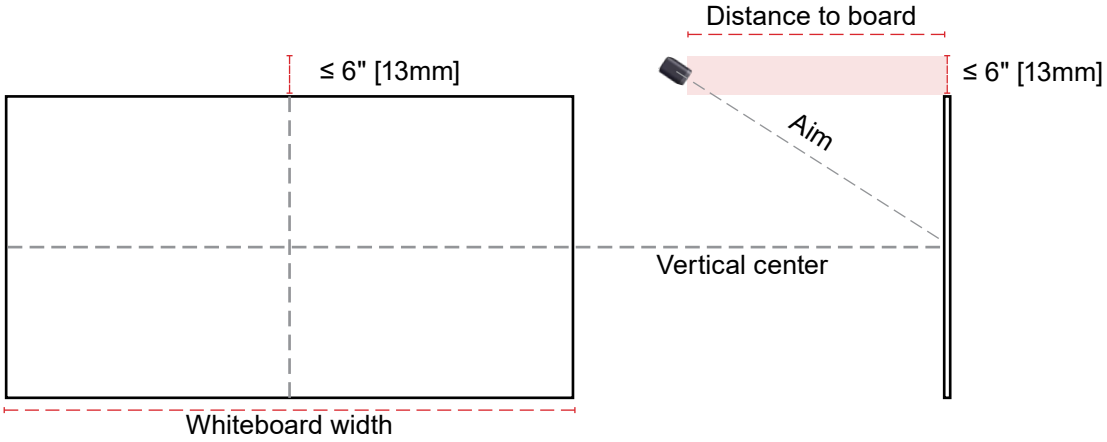
CAMERA DETAILS





PLACEMENT INFORMATION

The camera should be centered on the width of the whiteboard and no more than 6" [13mm] above the top of the whiteboard. It should be aimed at the vertical center of the board. Refer to the table for camera mounting details based on the width of the whiteboard.



Whiteboard Width	Mounting Method	Mounting Details / Minimum distance from whiteboard
≤ 6' [1.8m]	Wall	Use long mounting bar only
≤ 8' [2.4m]	Wall	Add short arm to long arm
≤ 9' [2.7m]	Ceiling	Mount ≥ 48" [1.2m] from whiteboard
≤ 10' [3.0m]	Ceiling	Mount ≥ 53" [1.3m] from whiteboard
≤ 12' [3.6m]	Ceiling	Mount ≥ 63" [1.6m] from whiteboard

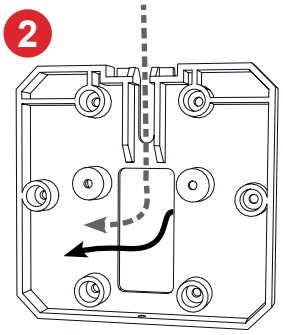
Note: The maximum width that the camera can cover is 9-12' [2.7-3.6m]. For whiteboards spanning a wall, it might be appropriate to mark the boundaries of the area the camera will transmit (with tape) for the presenter.

IMPORTANT: Biamp recommends installing a properly secured and tensioned seismic/safety cable (not included) connecting the hinge plug and camera to a secondary load-bearing point. This will prevent the arm assembly from falling if the primary mount were to fail.

WALL INSTALLATION

1. Run wires to location – top center of whiteboard.
   - Surface mount wiring - wire should come in the top of the base.
   - Drywall – secure baseplate to wall/surface (over a 1" hole for the cable) or to a junction box if available.
2. Attach baseplate – screw pattern will accept standard double junction box.

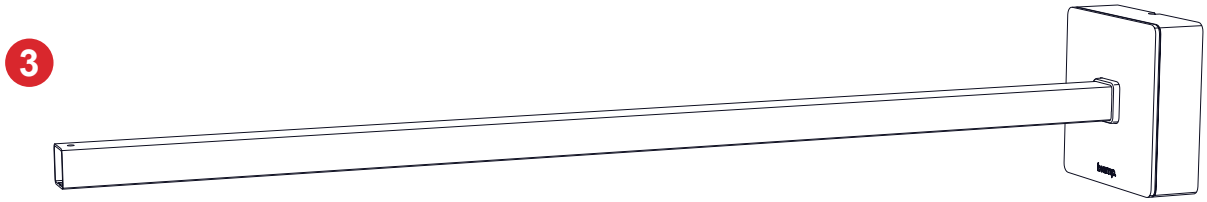
   Surface mount: Anchor baseplate to wall (screws and anchors are included for drywall attachment)
3. Determine length of the arm needed – both or long arm only.



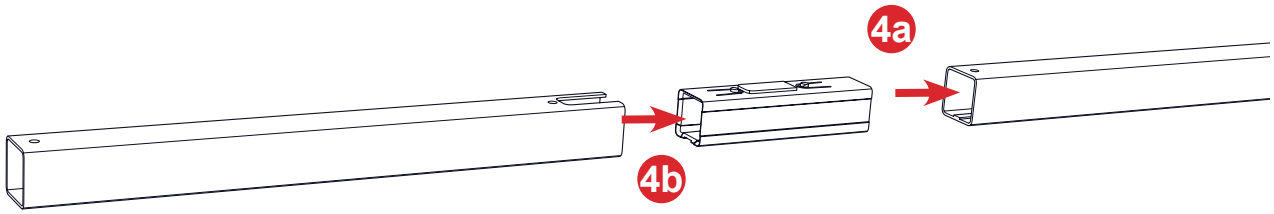
Install baseplate

USB-C cable routing options

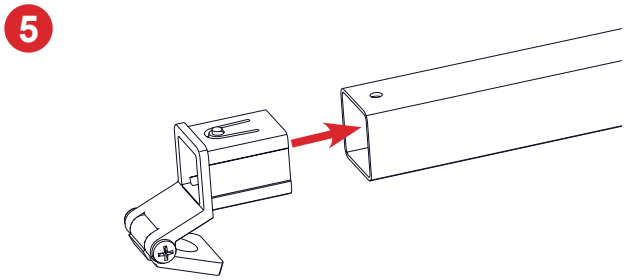
- Surface cable down through channel in baseplate
- Cable through drywall or juction box



4. a) If adding the short arm (for wider whiteboards), slide the connector into the end of the long arm until button snaps into the hole.
   b) With the end hole facing up, slide the short arm onto the connector until it is secure.

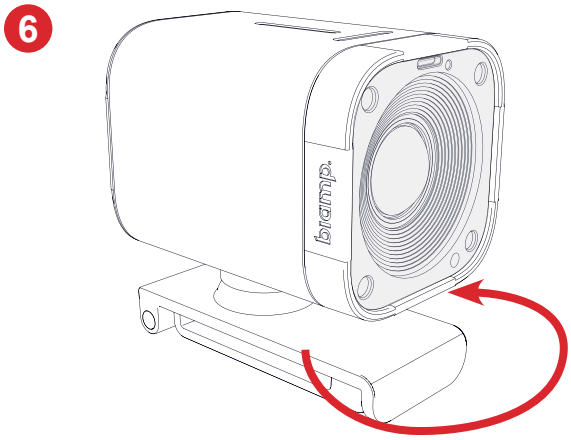


5. Insert hinge plug into the end of the arm until button snaps into the hole.

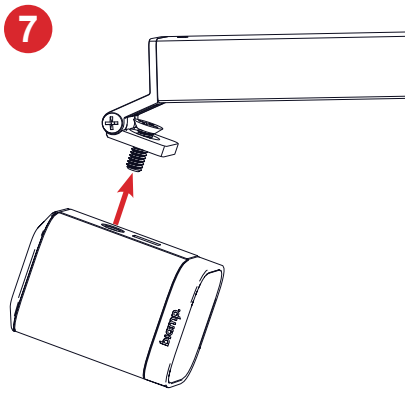


Wall Installation *(continued)*

6. Remove the standard mount from the camera.

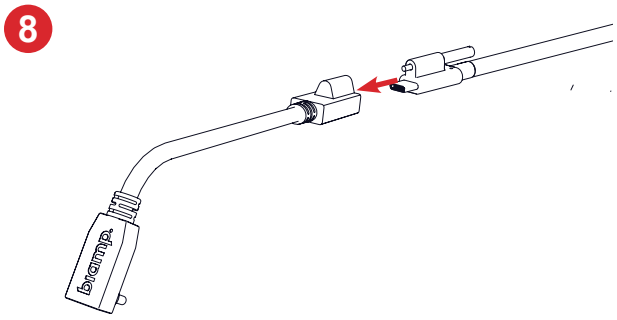


7. Screw camera to hinge.



8. Measure out cable from the mounting surface and attach the cable adapter to the end. tighten the screw to secure the cable connection.
   Cable length: 36" (with short arm extension) or 24" (long arm only).

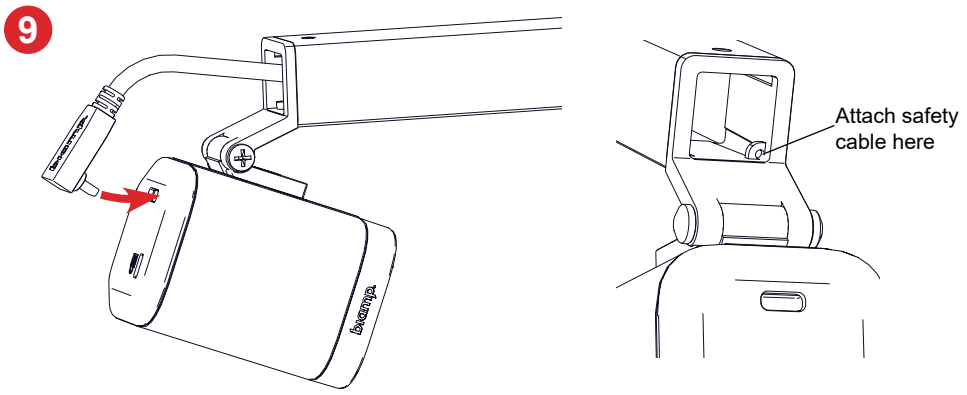
   Recommended: The hinge plug has a loop to accept a 1.8m safety cable (not included).



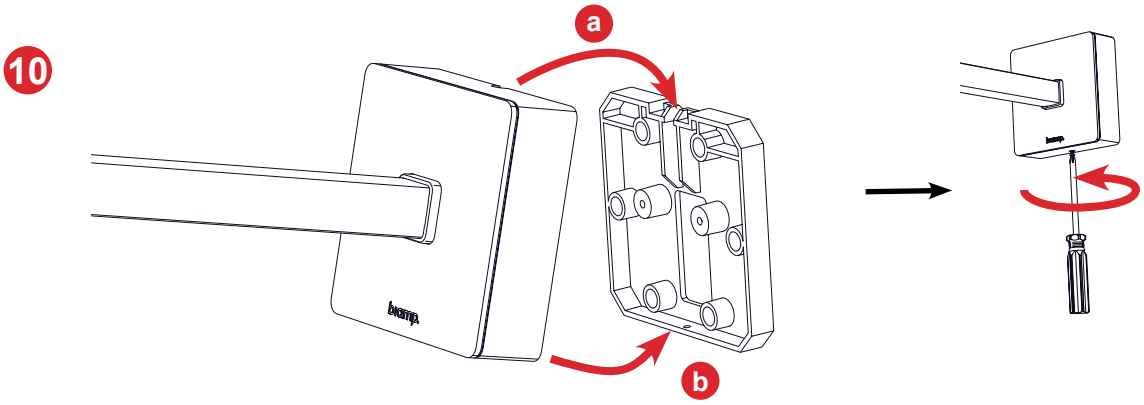
Wall Installation *(continued)*

9. Thread the USB (and safety) cables through the mounting base and arm.

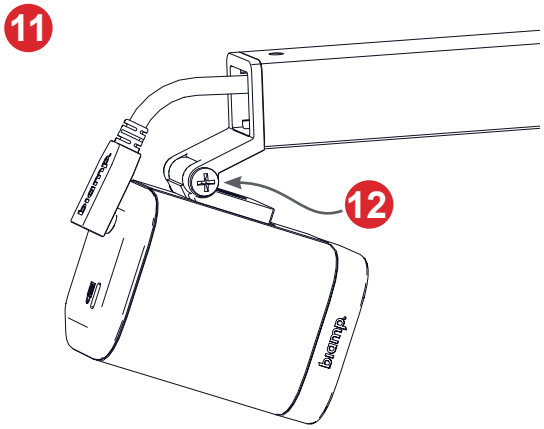
   Recommended: Attach safety cable to the assembly and a secondary mounting point on the structure. It will be easier to remove the hinge plug from the arm, secure the safety cable and then re-insert the plug oriented correctly into the arm. Ensure button is snapped into the hole on the end of the arm to prevent it from falling out of the arm.



10. Angle the camera/arm assembly onto the top of the baseplate tabs (a), then rotate in (b) – fitting onto the baseplate, and secure with the screw until the head is flush with the base.



11. Plug cable into the camera and adjust the angle to point at the center of the whiteboard.
12. Tighten the screw in the hinge to secure the angle.
13. Power and test the camera. Refer to the Operation section to use the Biamp Camera Controller software to flip and focus on the image and center the content.



CEILING INSTALLATION

A camera mounted on a drywall ceiling can be installed by following the same instructions for the Wall mounted camera. Follow the distance recommendations on page 2 for all ceiling installations. Run wires to the recommended location.

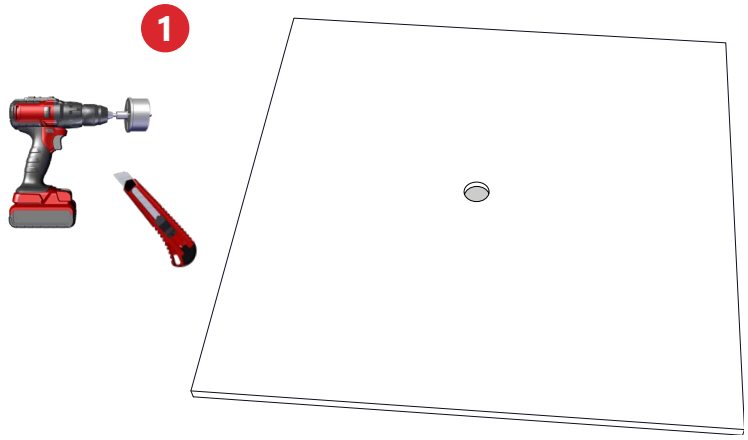
Installation on a drop ceiling can be accomplished two different ways but will need the additional support of 1 or 2 ceiling tile bridge (TB-1) accessories. These instructions assume the installer can remove an adjacent tile to access the wiring and connections.

Tools needed:

- Flat & Phillips Screwdrivers
- Drill with Hole Saw (33-35mm
- Knife (to cut ceiling tile)

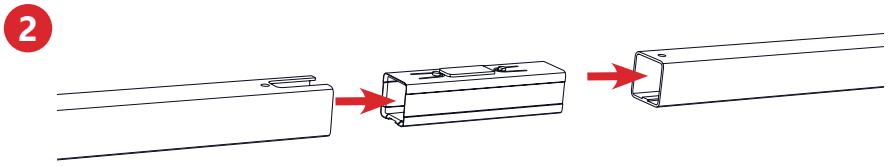
Drop Ceiling Installation *(with 1 Tile Bridge)*

1. Cut or drill a 1-3/8" [33-35mm] hole in the center of the ceiling tile at the designated distance from the whiteboard.



Assembly View
(1 Tile Bridge)

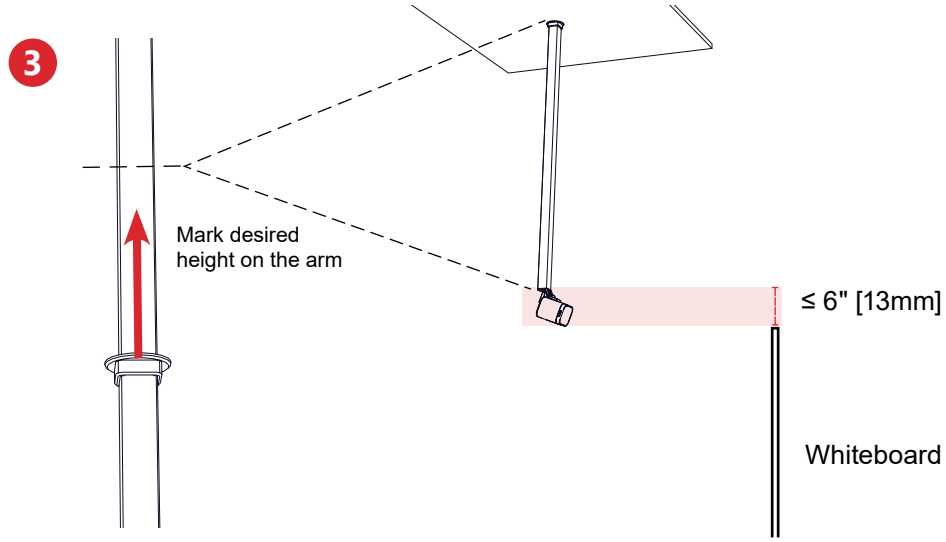
2. Determine the length of the arm needed to place the camera within 6" [13mm] from the top of the whiteboard. Refer to image in step 3. Connect the small arm if necessary (for higher ceilings) to achieve the desired length. Ensure connector buttons are fully seated in the holes.



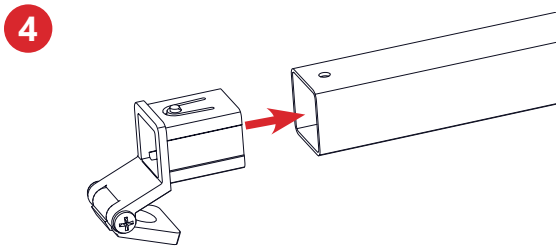
IMPORTANT: Biamp recommends installing a properly secured and tensioned seismic/safety cable (not included) connecting the hinge plug and camera to a secondary load-bearing point. This will prevent the arm assembly from falling if the primary mount were to fail.

Ceiling Installation - 1 tile bridge *(continued)*

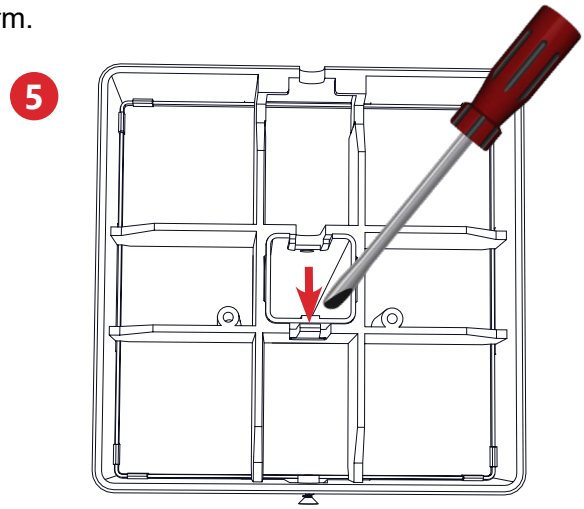
3. Slide the soft black collar up the arm to the marked length. The length from the top of the collar to the end of the arm should be the length needed to put the camera within 6" [13mm] of the top of the whiteboard.



4. Insert the hinge plug into the open end of the arm oriented so that the button snaps into the hole.



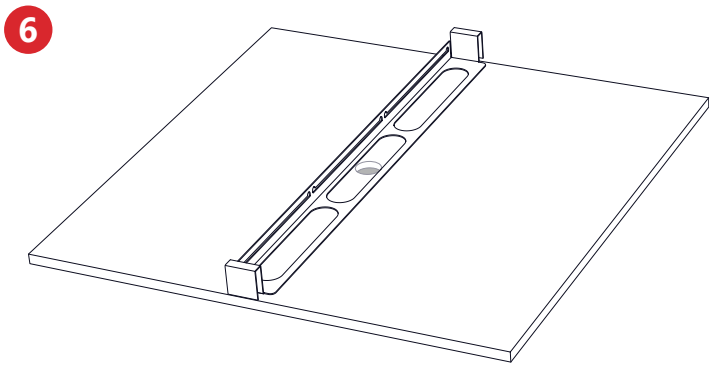
5. Remove the arm from the attached base by pressing the small lever in the back of the base (see arrow) to release the arm.

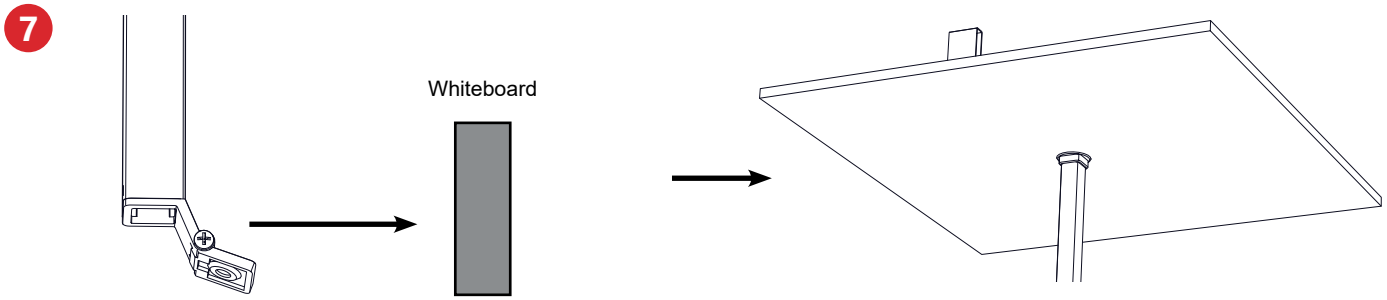


Ceiling Installation - 1 tile bridge *(continued)*

6. Place tile bridge and the drilled tile into the ceiling grid and align the tile bridge over the hole.
7. Orient the arm so the hinge is pointing toward the whiteboard. Insert the arm up through the tile and tile bridge until the black collar is flush with the tile.

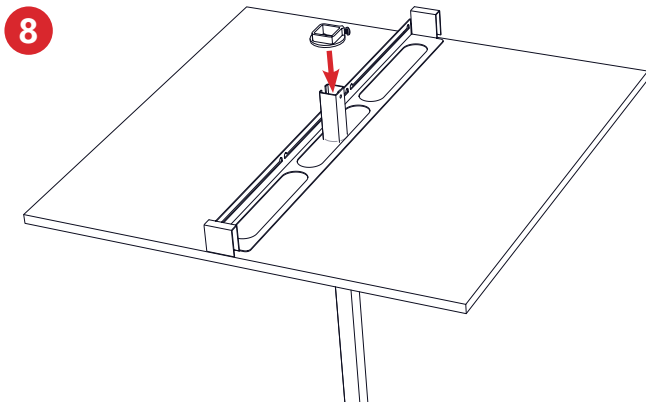
   Important: The arm will need to be supported until the upper collar screw is tightened.

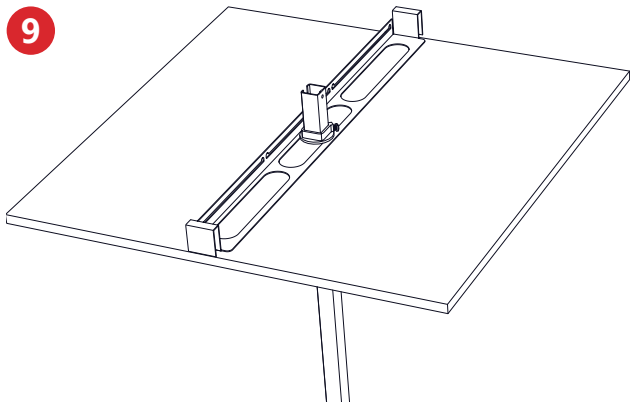




8. Pre-thread the screw into the metal collar and slide the collar down over the arm so it overlaps the inside edges of the tile bridge, and then hand-tighten the screw to hold the assembly.
9. Press the collars together, then tighten the collar screw to secure the arm.

IMPORTANT: Tighten the collar screw until it is snug against the arm and then turn another 1/4 turn to secure.
Torque setting: 1.15 +/- 0.25 nm
(10.0 +/- 2.0 inlbs)

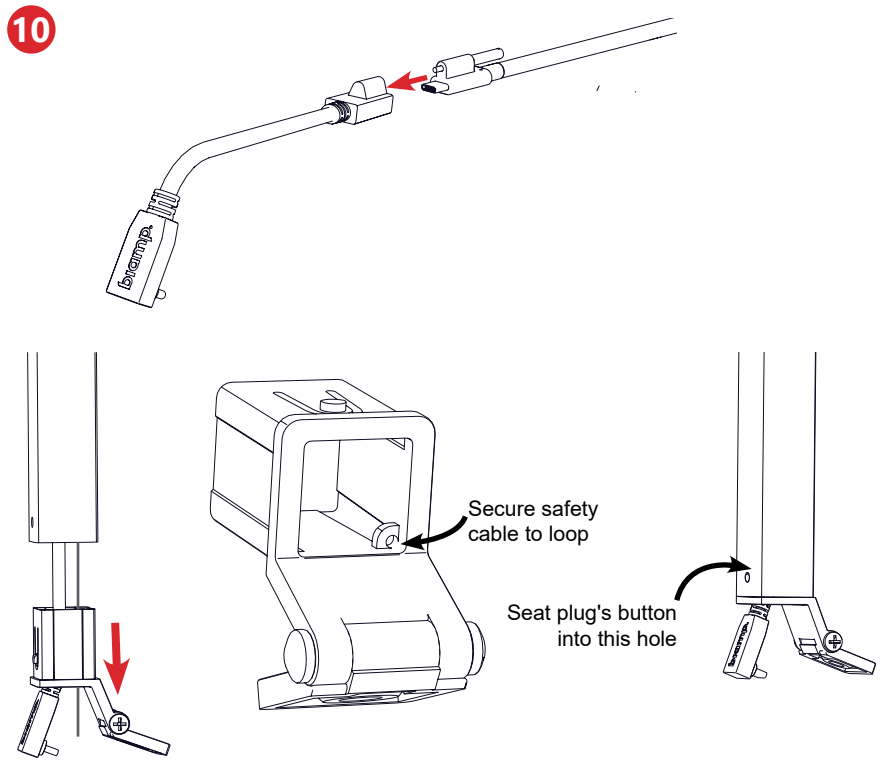




Ceiling Installation - 1 tile bridge *(continued)*

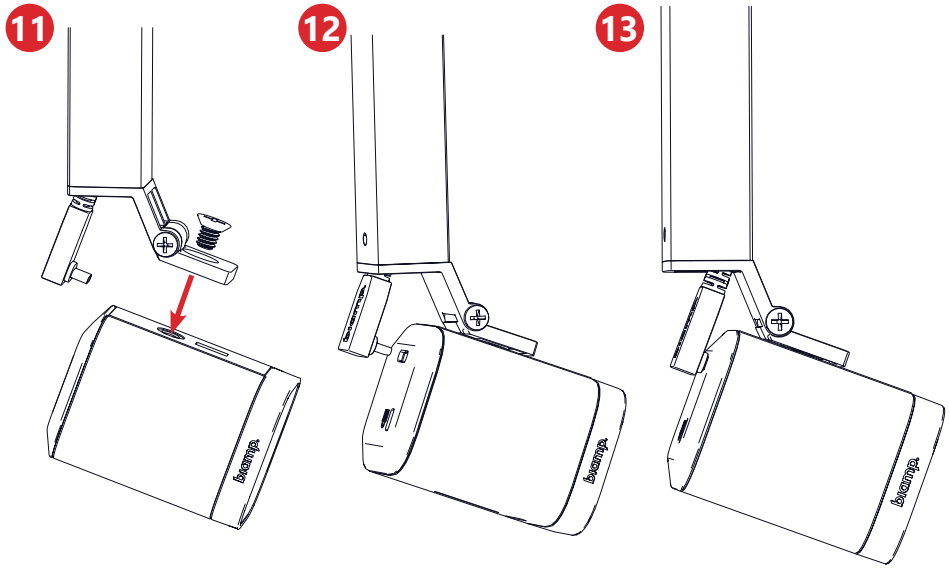
10. Connect the adapter to the end of the USB cable. Drop the cable(s) down the arm. Secure the recommended safety cable to the hinge plug (cable not included).

    Note: It will be easier to remove the hinge plug from the arm, secure the safety cable and then re-insert the plug oriented correctly into the arm. Ensure button is snapped into the hole on the end of the arm to prevent it from falling out of the arm.



Unscrew the standard mount from the camera. (Page 4, Step 6)

11. Screw the camera to the hinge and aim at whiteboard.
12. Plug the USB-C cable into the back of the camera.
13. Angle the camera to point at the center of the whiteboard and tighten the hinge screw.
14. Power and test the camera. Refer to the Operation section to use the Biamp Camera Controller software to flip and focus on the image and center the content.



CEILING INSTALLATION

Drop Ceiling installation *(with 2 Tile Bridges)*

This option requires 2 tile bridges for stability and sandwiches the tile between the arm base and the baseplate. The base will be visible against the ceiling tile.

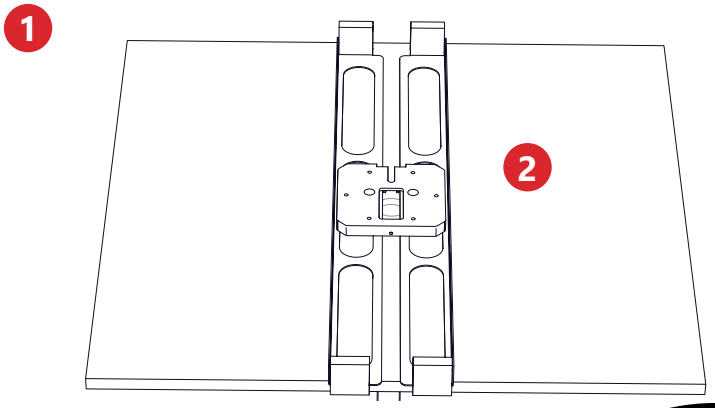
This option is similar to the other ceiling mounting option, and most of the installation is the same. The steps that follow show just the tile bridge placement and base attachment.

Assembly View
(2 Tile Bridges)

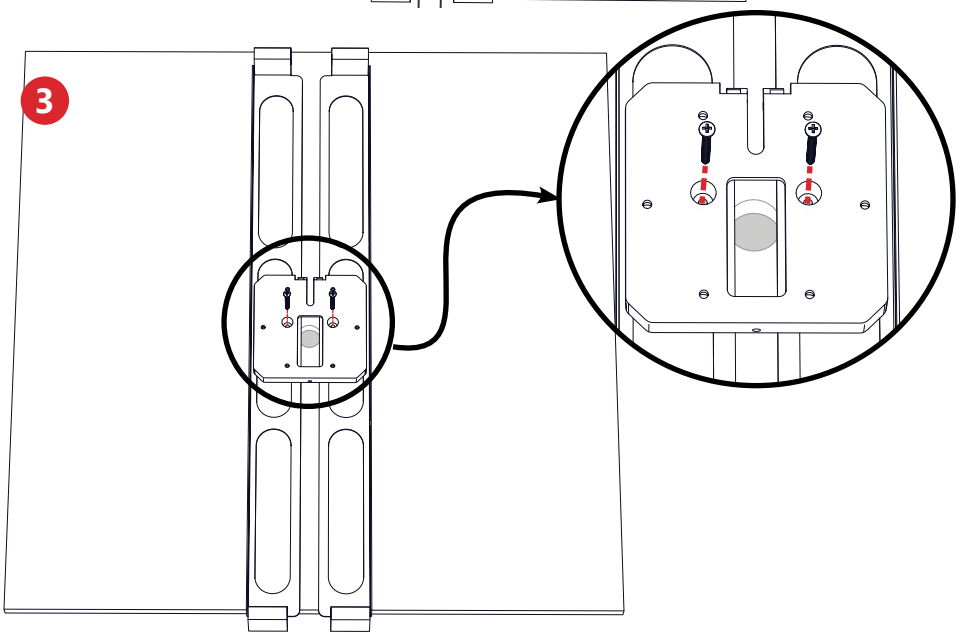
Tools needed:

- Flat & Phillips Screwdrivers
- Drill with Hole Saw (33-35mm
- Knife (to cut ceiling tile)

1. Place 2 tile bridges on either side of the hole on the top of the tile. They should be aligned with and perpendicular to the tile edges.

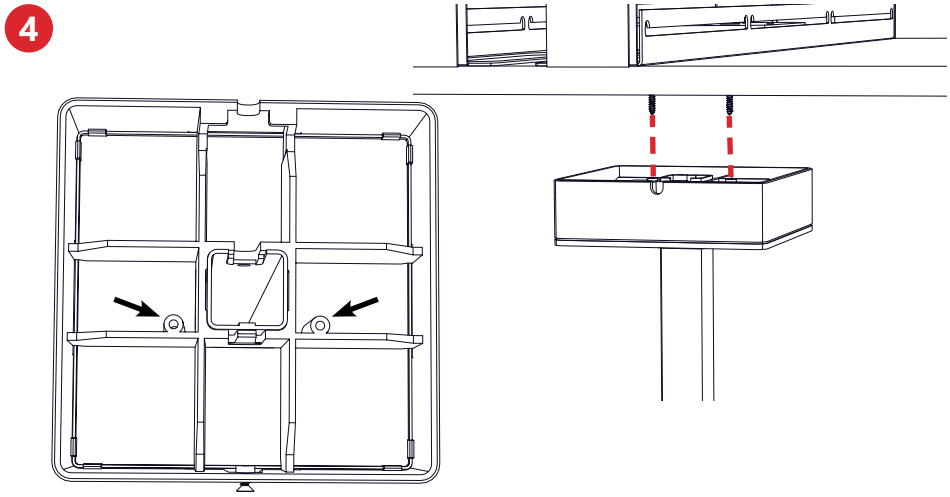


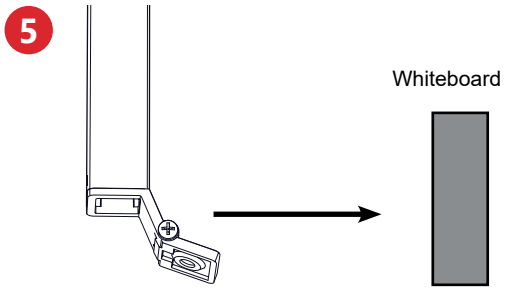
2. Center the baseplate over the hole and between the tile bridge edges as shown.
3. Insert screws in the 2 middle recessed holes in the plate and screw them down through the tile.

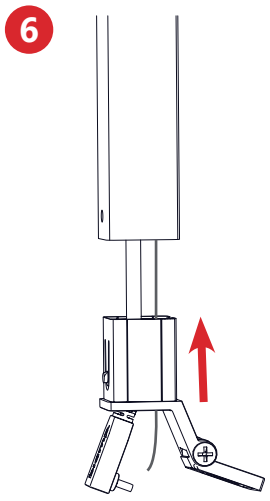


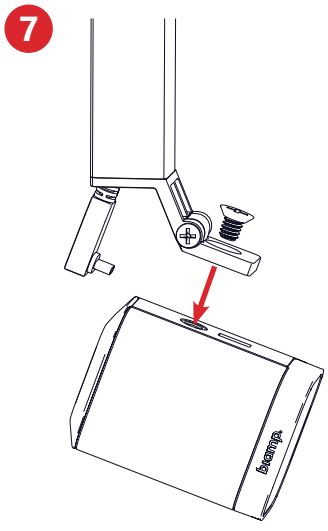
Ceiling Installation - 2 tile bridges *(continued)*

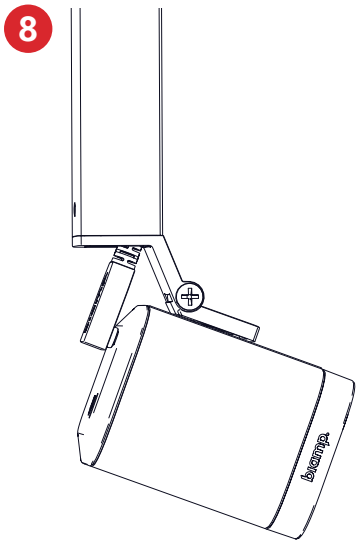
4. Align the screws with the center holes in the arm base. There will be a slight offset between the base plate and the base. Tighten the screws to hold the arm assembly in place against the tile.
5. Orient the tile assembly with the camera hinge facing the whiteboard. Place the tile/arm assembly back in the ceiling grid with the tile bridges resting on the grid. Perform the rest of the work from an adjacent tile space.
6. Drop the cable with attached adapter down the arm. Secure the recommended safety cable to the hinge plug (cable not included).
7. Screw the camera to the hinge and aim at whiteboard.
8. Finish installing the camera and aim it toward the center of the whiteboard.
9. Power and test the camera. Refer to the Operation section to use the Biamp Camera Controller software to flip and focus on the image and center the content.









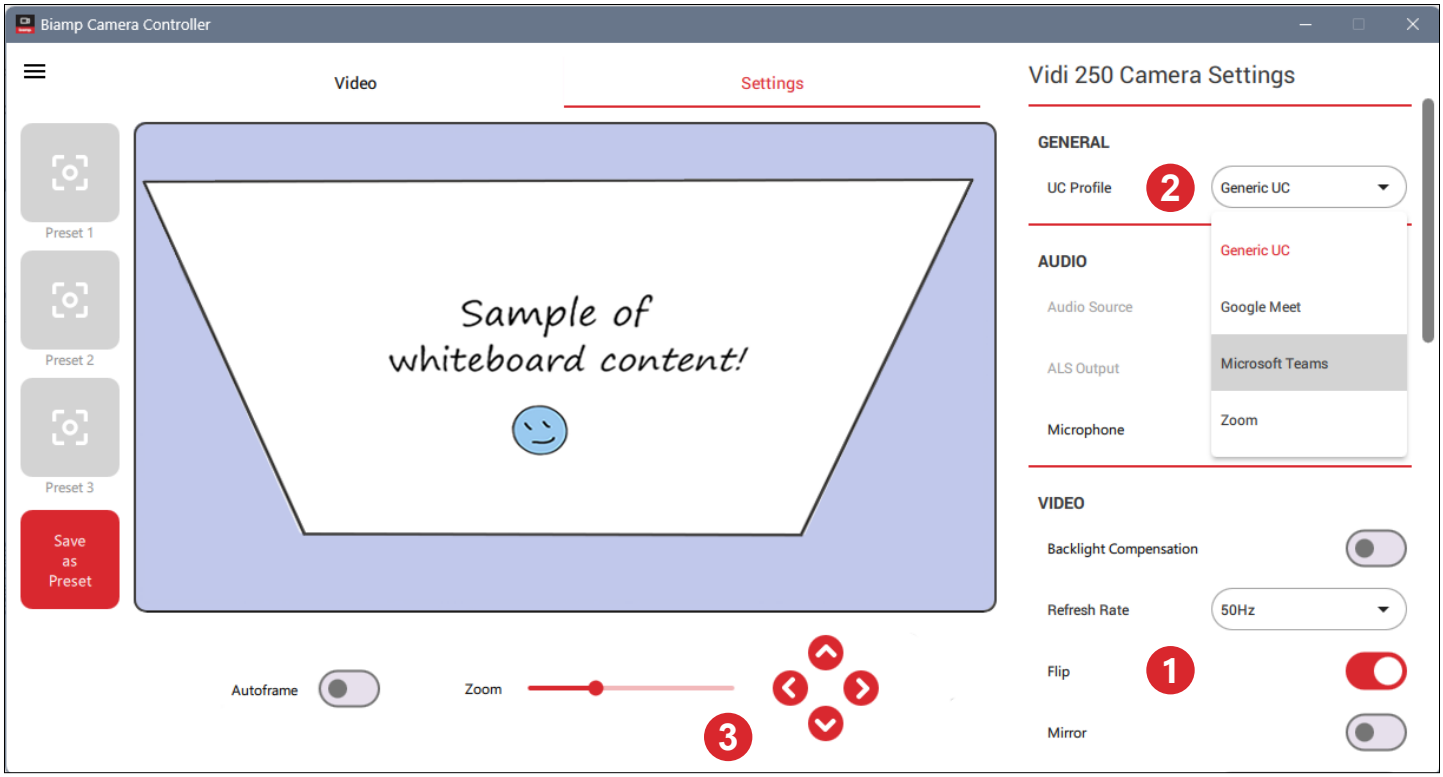


OPERATION

Download and install the Biamp Camera Controller software on the room computer / compute device.

1. Open the Biamp Camera Controller app (BCC) and enable "Flip" in settings since the camera will be upside-down looking at the whiteboard.
2. Choose the appropriate UC profile for the camera.
3. Zoom in/out to capture the width of the whiteboard, and update any video settings to see the content clearly.

Full information on the BCC software is available in the BCC help file: https://cameracontroller-help.biamp.com/



Some meeting platforms have settings where you can enable a content camera, or share a feed from another camera in a meeting. Follow the applicable platform instructions to enable this content camera.

Note: Microsoft Teams™ must be able to detect all of the edges of the whiteboard to properly correct the perspective. Refer to Microsoft Teams content camera instructions.

CONTACT US

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