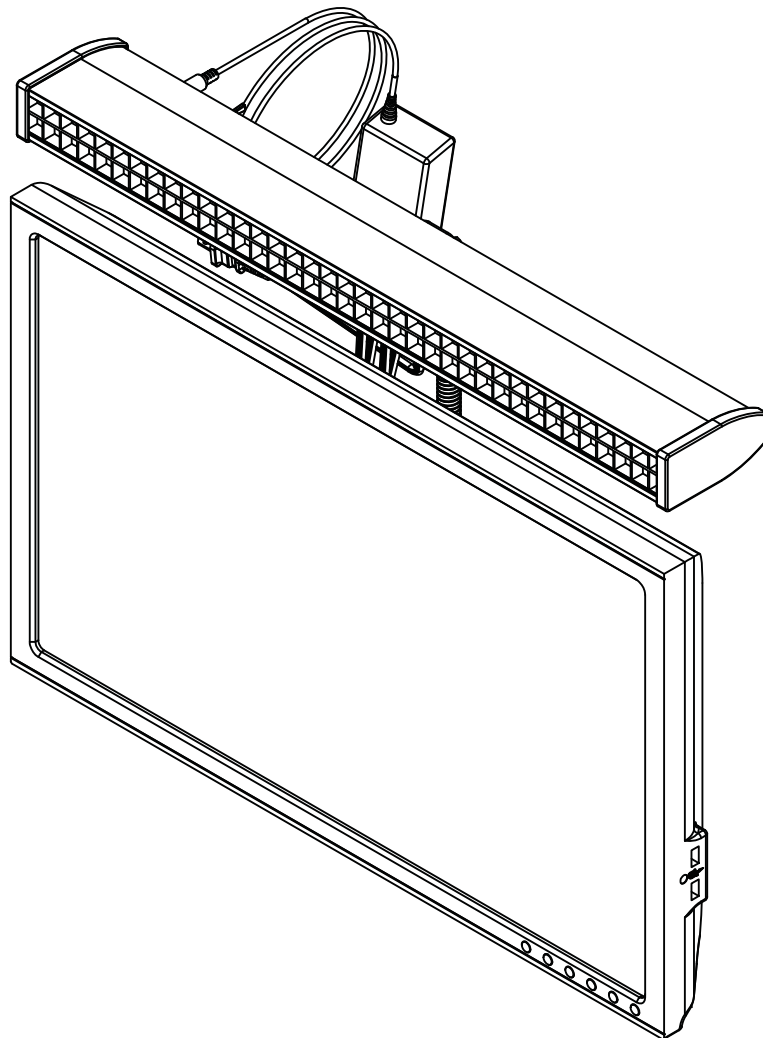




# i-Series™ Videoconference Fixture

## Operating Instructions



## Safety

- To prevent risk of fire or electric shock, do not expose this fixture to water or moisture. i-Series fixtures are listed for indoor use only.
- Do not open fixtures, as this may damage internal components and will void the warranty.

## Owner's Record

- The serial number of this product can be found in the top of the fixture. You should note the model number and the serial number in the space provided and retain this book for future reference as a permanent record of your purchase.

**Model No.** \_\_\_\_\_

**Serial No.** \_\_\_\_\_

**Date of Purchase** \_\_\_\_\_

## Product Description

### i-Series Fixture

The i-Series, a sleek, cool-to-the-touch, energy efficient LED fixture, is scalable to virtually any monitor or display. The i-Series fixtures make it easy to look your best on camera, allowing individuals to conference remotely without sacrificing critical visual details.



***i-S/48/D***



***i-S/48***



***i-S/36***



***i-S/22***



***i-S/16***

## Specifications

### Housing:

.078" thick aluminum extrusion, aluminum cast end caps.

### Reflector:

.09" aluminum reflector, powder-coated gloss-white.

### Finish:

Fixture body and end caps are painted with a smooth, gloss-black powder-coating.

### Transformer:

A low-voltage transformer with a 6-foot power cord. The plug is a NEMA 1/15P (single pin connection). Input: 100-240 VAC 50/60Hz

### Lamp:

LED - Warm white. 3200K - 50,000 hours

### Optional Accessories:

VESA mounting bracket plate in 75mm - 100mm, 100mm-200mm sizes (i-S/16 and i-S/22 only)  
VESA large pattern brackets

### Dimensions:

Overall body dimensions are:

**i-S/16:** 16" x 1.71" x 3.5" (406.4mm x 43.44mm x 88.9mm)

**i-S/22:** 22" x 1.71" x 3.5" (558.8mm x 43.44mm x 88.9mm)

**i-S/36:** 36" x 1.71" x 3.5" (914.4mm x 43.44mm x 88.9mm)

**i-S/48:** 48" x 1.71" x 3.5" (1219.2mm x 43.44mm x 88.9mm)

**i-S/48/D:** 48" x 3.21" x 3.5" (1219.2mm x 81.54mm x 88.9mm)

### Labels:

CE, UL, cUL, CCC, and PSE certifications pending. Patent pending.

### ATTACHING VESA PLATE TO MONITOR

1. Unpack the fixture.
2. Locate the VESA plate and mounting screws.
3. On the reverse of the monitor, locate the VESA mounting pattern (*figure 1*).
4. Align VESA plate to mounting pattern. Use provided screws to attach the VESA plate to the monitor. Make sure that the attached VESA bracket angle is facing away from the monitor and that it is oriented to achieve the desired fixture position (*figure 2*).

NOTE: Flip VESA bracket for additional height options

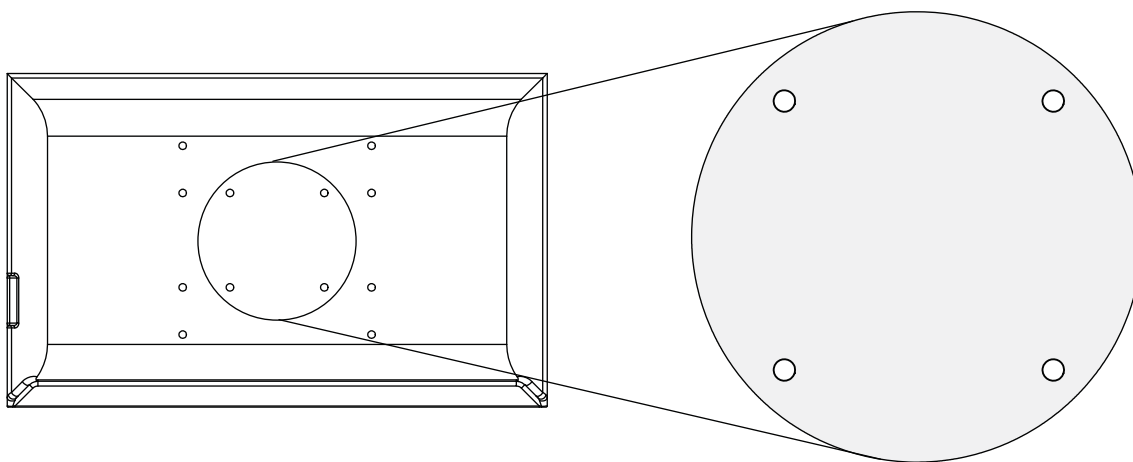


Figure 1 - 100mm VESA pattern shown

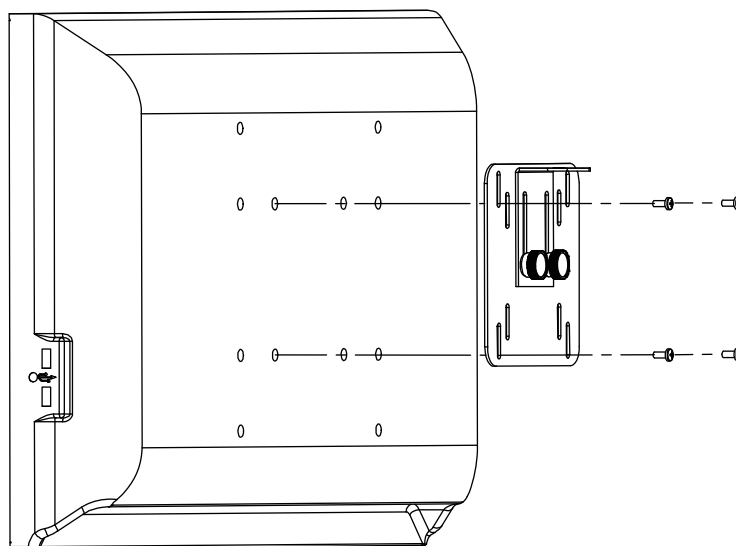


Figure 2 - Attaching VESA plate to monitor

### ATTACHING THE FLEX ARM

Using the bracket angle, the provided screw, and the provided Allen wrench, attach the flex arm to the bracket angle as shown (*figure 3*).

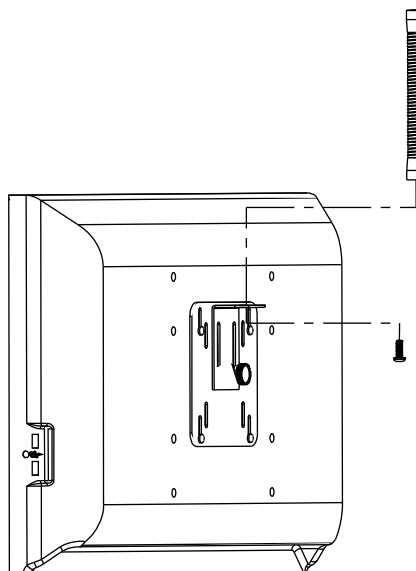


Figure 3 - Attaching the flex arm to the VESA plate

### ATTACHING THE FIXTURE

Attach to the fixture to the flex arm with the provided screw. Secure through bracket on the back of the fixture (*figure 4*).

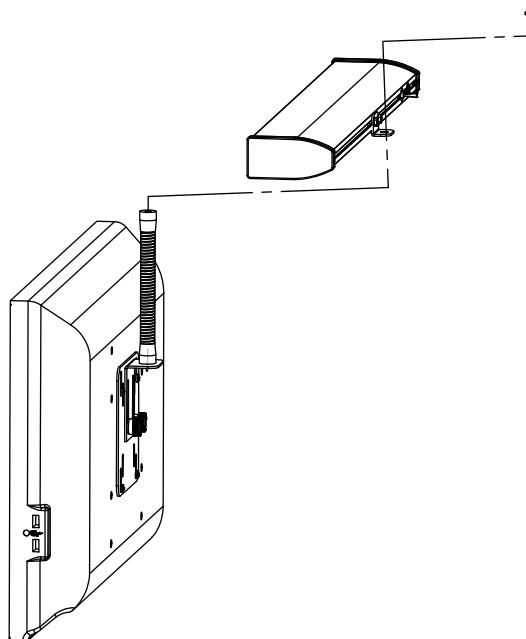


Figure 4 - Attaching the fixture to the flex arm

### ATTACHING FLEX ARMS TO BRACKETS

It's strongly recommended that you attach the flex arms to the brackets before attempting any installation. You can use the top of the flex arm to gauge the approximate location of the fixture when adjusting the height on the brackets.

1. Locate the flex arms, brackets and hex head screws.
2. Use the provided Allen wrench to attach each flex arm to a bracket.
3. Insert, but do not over tighten, the remaining hex head screws into the top of both flex arms.

Note the dimensions in *figure 7* when positioning the brackets. If the top flange of the bracket falls below 6" under the top of the display, there may be interference with the i-Series fixture. To achieve the best possible user experience, install the brackets so that 1" to 3" of the flex arm are exposed above the display. This will provide the best possible articulation (*figure 5*).

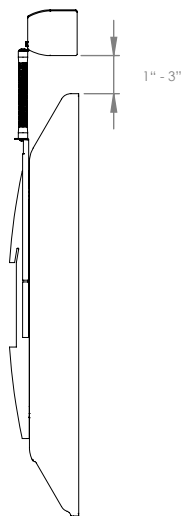


Figure 5 - Recommended Height

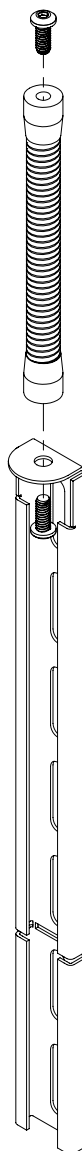


Figure 6 - Assembling the bracket and flex arm

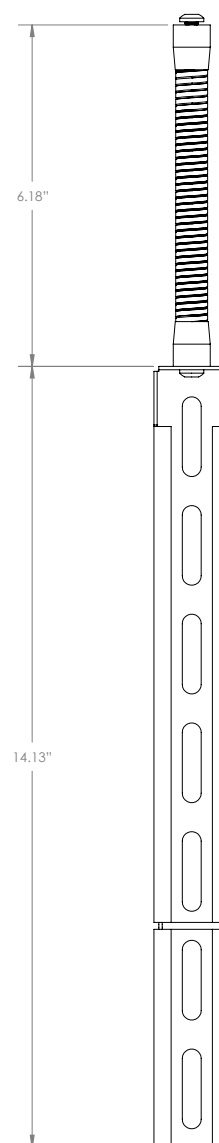
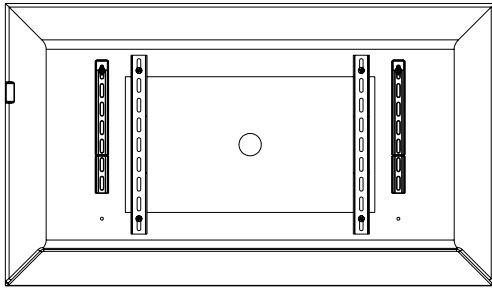


Figure 7 - Bracket dimensions

### INSTALLING BRACKETS WITH AVAILABLE VESA HOLES



If your display has multiple VESA patterns (e.g., 400x600 & 400x800) or if your display is not wall-mounted, you may mount the i-Series brackets to the unused holes without uninstalling your existing VESA bracket (if applicable).

1. Unpack fixture and accessories.
2. Unmount your display (if necessary) and place face-down on a clean, soft surface.
3. If your display takes size M6 screws, use the M6x12mm screws to mount the brackets. If your display takes size M8, use the M8x16mm screws. When using the M6, you must also use the metal washer (figure 8).
4. Take two (2) nylon washers and align them with the topmost unused holes. They should be evenly spaced from the center (figure 9). If you have more than one set available, use the widest set.
5. Position bracket with flat side facing display. Align appropriate slot with the hole depending on your height requirement (figure 10). Use only the top five (5) slots.
6. Secure with screws provided. Ensure brackets are parallel before tightening. If your mounting hole is too shallow, insert another nylon washer (figure 11). Add only as many as you need. Screw should be as deep as possible.

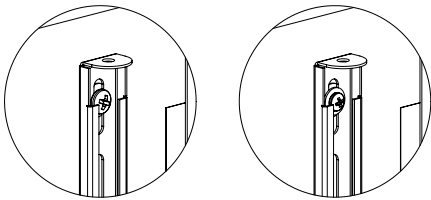


Figure 8 - LEFT: M8 - RIGHT: M6 with washer

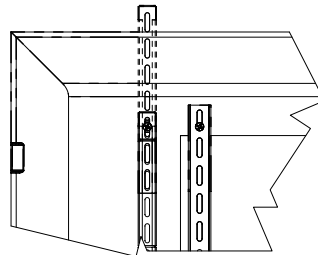


Figure 10 - Adjusting height of bracket

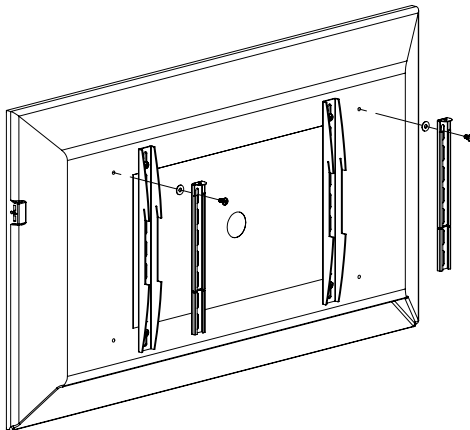


Figure 9 - Components in line with mount holes

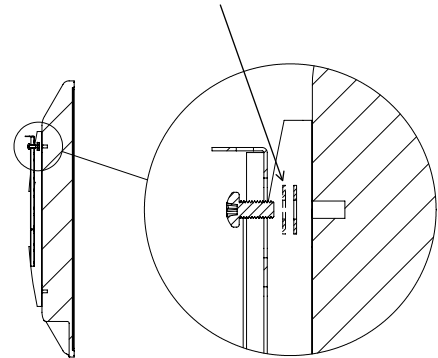
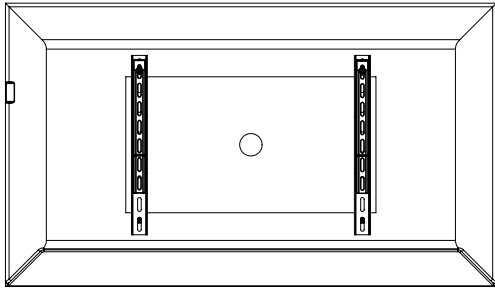
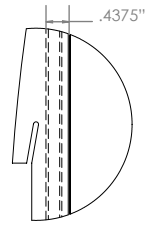


Figure 11 - Additional washer

# INSTALLING BRACKETS WITH EXISTING VESA BRACKETS

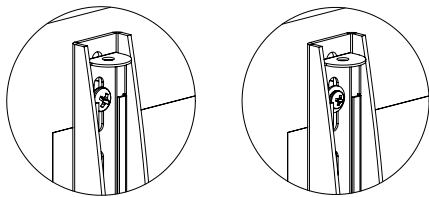


If your display has only one VESA pattern and it is in use by an existing VESA bracket, you may install the i-Series bracket one of two ways. If the VESA bracket is wide enough and there is no interference with the mounting apparatus (*figure 12*), then the i-Series bracket can nest within the VESA bracket. If the VESA bracket is too narrow or too shallow or otherwise incompatible with this method, please see page 3.

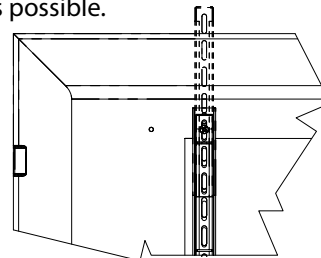


*Figure 12 - i-Series bracket nested inside VESA bracket: no interference*

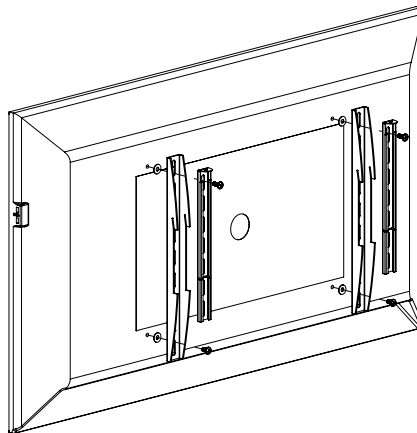
1. Unpack fixture and accessories.
2. Unmount your display (If necessary) and place face-down on a clean, soft surface.
3. If your display takes size M6 screws, use the M6x16mm screws to mount the brackets. If your display takes size M8, use the M8x20mm screws. When using the M6, you must also use the metal washer (*figure 13*). If the screws used to install your VESA brackets are longer than our provided size, you may reuse them.
4. Remove all screws used to install your VESA bracket. Separate them from the screws provided with the i-Series bracket.
5. Take four (4) nylon washers and align them with the VESA holes (*figure 14*).
6. Reposition VESA brackets on top of nylon washers. Position i-Series brackets in VESA brackets with flat side facing display. Align appropriate slot with the topmost hole depending on your height requirement (*figure 15*). Use only the top five (5) slots.
7. Secure VESA bracket and i-Series bracket with screws provided. Ensure brackets are parallel before tightening. If your mounting hole is too shallow, insert another nylon washer for each screw (*figure 16*). Add only as many as you need. Screw should be as deep as possible.



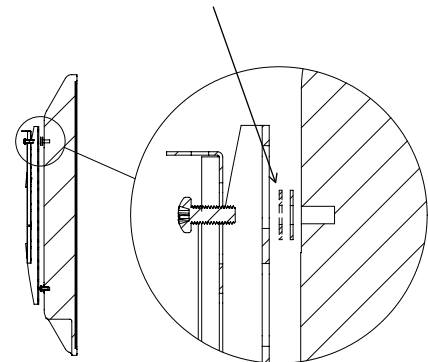
*Figure 13 - LEFT: M8 - RIGHT: M6 with washer*



*Figure 15 - Adjusting height of bracket*



*Figure 14 - Components in line with mount holes*

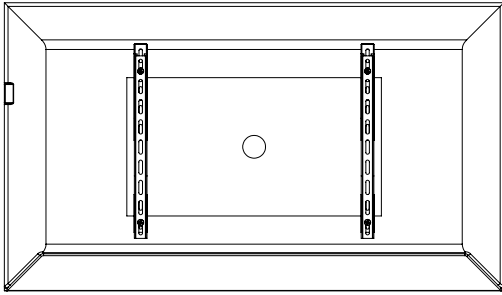


*Figure 16 - Additional washer*



## Installation - Large Pattern VESA

### INSTALLING BRACKETS WITH EXISTING VESA BRACKETS (PART 2)



If your display has only one VESA pattern and it is in use by an existing VESA bracket, you may install the i-Series bracket one of two ways. If the VESA bracket is too narrow to nest the i-Series bracket inside it or if the mounting apparatus would interfere with the i-Series bracket if nested, you may mount the bracket between the VESA brackets and the display.



Figure 17 - Bend back and forth to snap off

1. Unpack fixture and accessories.
2. Unmount your display (if necessary) and place face-down on a clean, soft surface.
3. Take i-Series bracket and snap off lower portion on each (figure 17). Do not discard either portion.
4. If your display takes size M6 screws, use the M6x25mm screws to mount the brackets. If your display takes size M8, use the M8x30mm screws. When using the M6, you must also use the metal washer (figure 18). If the screws used to install your VESA brackets are longer than our provided size, you may reuse them.
5. Remove all screws used to install your VESA bracket. Separate them from the screws provided with the i-Series bracket.
6. Take four (4) nylon washers and align them with the VESA holes (figure 19).
7. Position i-Series brackets with flat side facing display. Align appropriate slot with the topmost hole depending on your height requirement (figure 20). Use only the top five (5) slots. Use the smaller, snapped-off portion as a shim on the lower holes.
8. Reposition VESA brackets on top of i-Series brackets. Make sure the VESA bracket is fully supported by both the i-Series bracket and the shim.
9. Secure with screws provided. Ensure brackets are parallel before tightening. If your mounting hole is too shallow, insert another nylon washer for each screw (figure 21). Add only as many as you need. Screw should be as deep as possible.

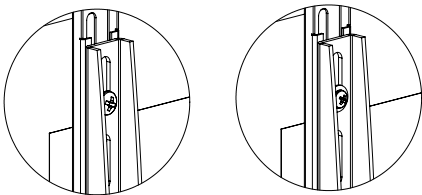


Figure 18 - LEFT: M8 - RIGHT: M6 with washer

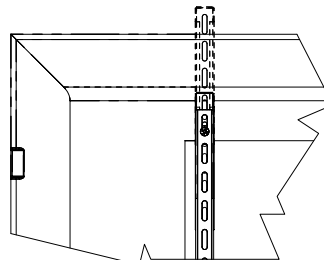


Figure 20 - Adjusting height of bracket

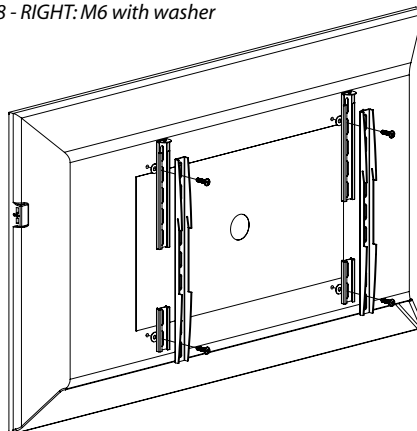


Figure 19 - Components in line with mount holes

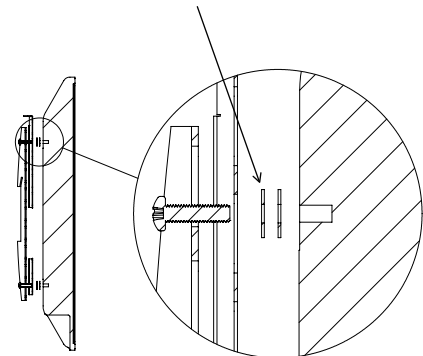
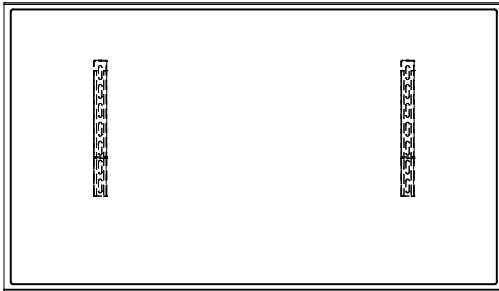


Figure 21 - Additional washer

# INSTALLING BRACKETS TO WALL BEHIND DISPLAY



When you are unable or unwilling to use any of the VESA mount options, you may also mount the brackets to a wall behind the display. Brightline does not provide any hardware for wall-mounting your i-Series brackets. It is recommended that you consult with a professional regarding the correct type of hardware to suit your needs. Make sure your hardware will fit.

1. Unpack fixture and accessories.
2. Mount your display, if it is not already mounted, and mark its top edge on the wall behind it. Use a tape measure to find the center line. Unmount your display and put aside in a safe place.
3. Place one i-Series bracket against wall with round flange facing up and position to your preference. This flange should be no lower than 5" below the line indicating the top of the display (*figure 22*).
4. Mark the two slots indicated in *figure 23* and mark a line indicating the top flange of the bracket. Measure the distance from the center.
5. Repeat for the other bracket, using the line you marked for the top flange as a reference. Brackets must be no less than 20" apart for the I-36 and the I-46. Brackets must be no more than 32" apart for the I-36 and no more than 44" apart for the I-48 (*figure 3*).
6. Install bracket hardware as determined by what type of surface to which you are mounting.

**NOTE:** With wall mounting, you will need to bend the goosenecks forward so that the power connector does not press into the wall when plugged in. This is normal. Typical large display i-Series installations require that the fixture is bent forward to illuminate the target as best as possible.

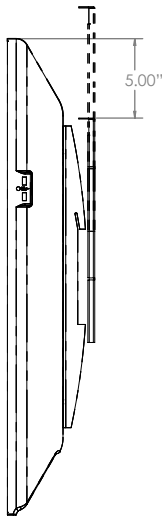


Figure 22 - Adjusting height

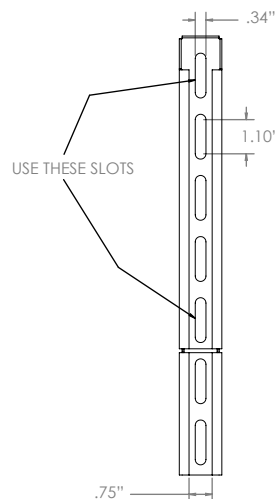


Figure 23 - Mounting Bracket

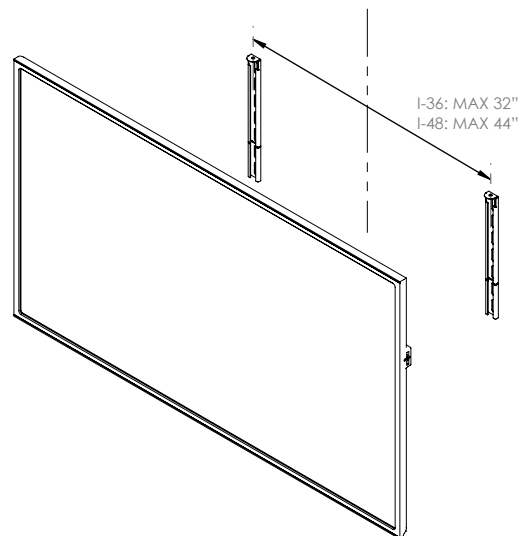


Figure 24 - Maximum mounting distance

### ATTACHING THE FIXTURE

NOTE: It is recommended that you have one other person assist in the installation.

1. Measure the distance between the two flex arms from the center of one screw to the center of the other (*figure 25*).
2. Loosen nuts on the brackets on the back of the fixture (*figure 26*).
3. Slide the brackets to the distance measured from the display. Double check by holding the fixture over the flex arms. Retighten the nuts (*figure 27*).
4. Remove hex head screws from the tops of the flex arms.
5. While one person holds the fixture in place, attach fixture to flex arms with the provided hex head screws. Tighten with Allen wrench.

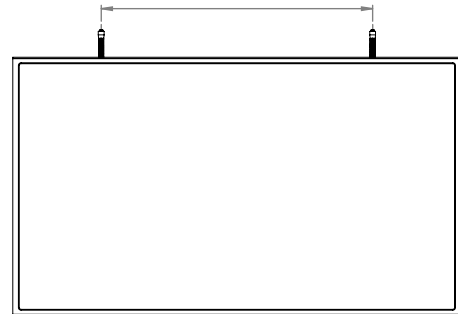


Figure 25 - Measure the distance

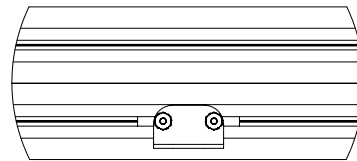


Figure 26 - Nuts on sliding brackets

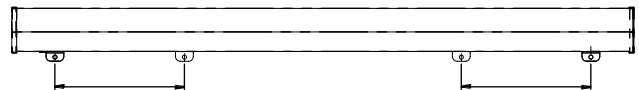


Figure 27 - Position the brackets

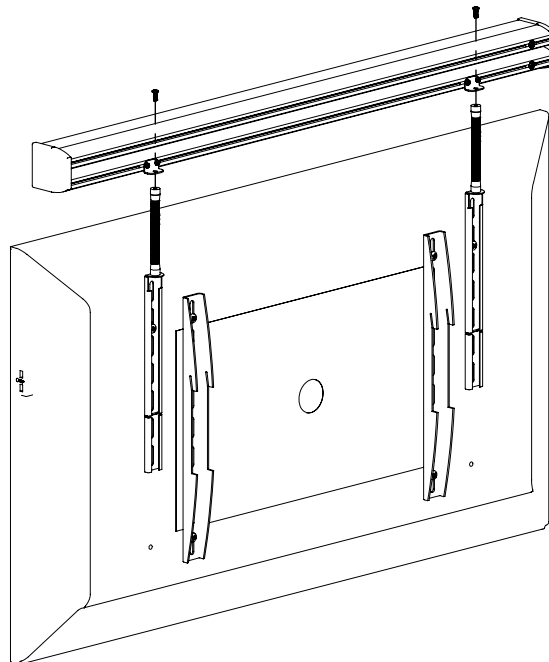
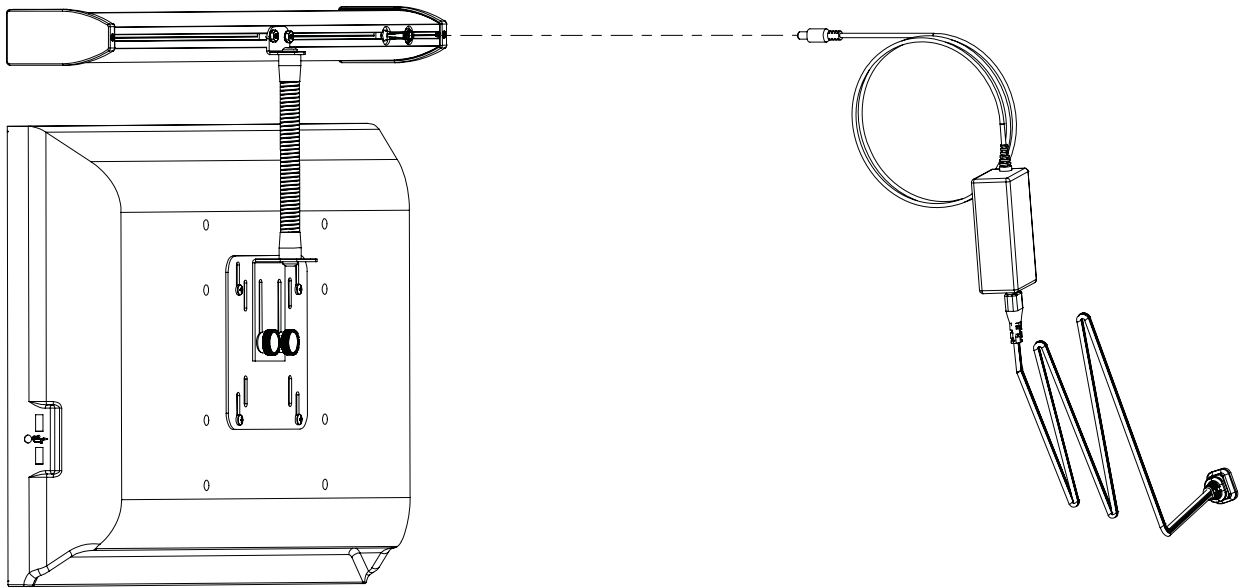


Figure 28 - Assembly with a multi-pattern VESA setup

### POWERING THE FIXTURE

Insert the plug into the fixture and into the wall. Use the control on the power cord to dim and to turn the fixture on and off (*figure 29*).



*Figure 29 - Powering a fixture with a small VESA bracket*



## WARRANTY

**Brightline** guarantees all its products to be free from defects in materials and workmanship for a period of one (1) year from the date of shipment.

## PROCEDURES

If any product is found to be unsatisfactory under this warranty, the buyer must notify **Brightline** immediately. Once a course of action has been determined, if it is necessary to return the product to **Brightline** a Return Authorization (RA) will be issued. Ship the product directly to **Brightline**, 580 Mayer Street, Building #7, Bridgeville, PA 15017. The RA number should be marked on the shipping carton. The unit will be replaced or put into proper operating condition, free of all charges. The correction of any defects through repair or replacement by **Brightline** shall constitute fulfillment of all obligations and liability of **Brightline** to the buyer under this warranty and the contract of sale.

## DISCLAIMERS

**Brightline** is not responsible for damage to its products caused by improper installation, maintenance, or use; by improper electrical hookups; or by unauthorized repairs.

Failure to notify **Brightline** of unsatisfactory operation or any improper or unauthorized installation, maintenance, use, repairs, or adjustments shall terminate the warranty and **Brightline** shall have no further responsibility under the warranty.

**Brightline** shall not be liable for special or consequential damages in any claim, action, suit, or proceeding arising under this warranty or contract of sale, nor shall **Brightline** be liable for claims for labor, loss of profits or goodwill, repairs, or other expenses incidental to replacement. **Brightline** makes no other warranty of any kind whatsoever, expressed or implied, and all implied warranties of merchantability and fitness for a particular purpose that exceed the obligation specifically described in this warranty are hereby disclaimed by **Brightline** and excluded from this agreement. All shipments, unless otherwise noted, are F.O.B. factory.

The customer is advised to inspect for shipping damage, apparent and/or hidden. If detected, notify the transportation company and file your claim.

580 Mayer Street, Building #7, Bridgeville, PA 15017 • phone 412.206.0106 • fax 412.206.0146

[www.brightlines.com](http://www.brightlines.com)

## Notes