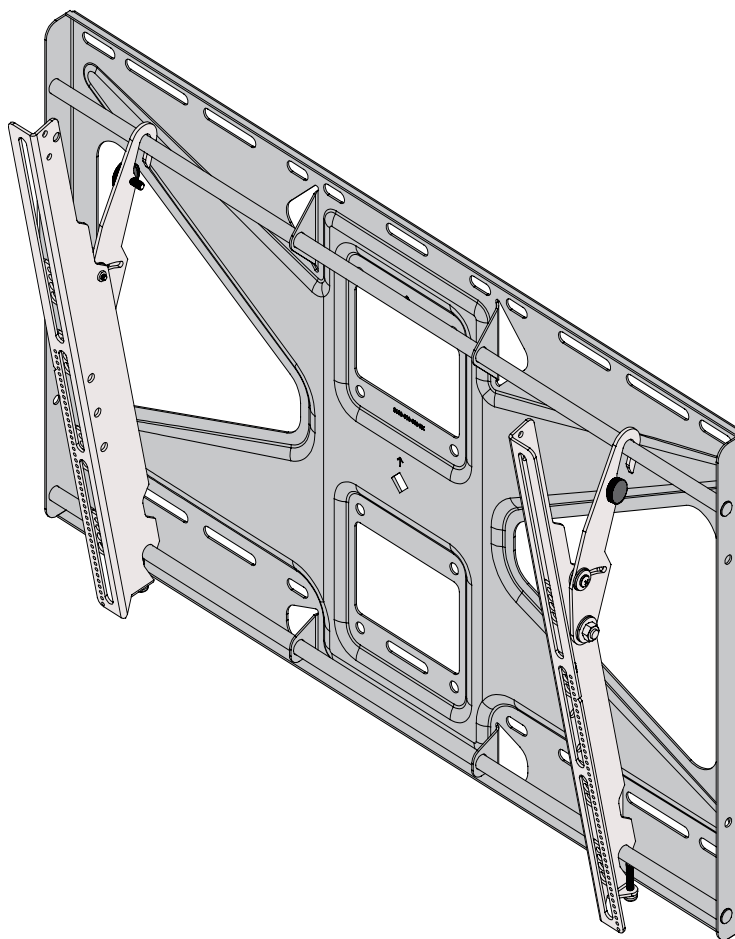




## INSTALLATION INSTRUCTIONS



### **Tilting Wall Mount for 42" to 55" ViewZ Monitors**

Model: VZ-CMK04

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#### **NORTH AMERICA**

1220 N. Kraemer Blvd.  
Anaheim, CA 92806 USA

USA and Canada

Phone: 1-888-99-ViewZ

Other Locations

Phone: (001) 714-630-3380

Fax: (001) 714-630-2335

853177002922



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## Weight Limit

Maximum Flat Panel Weight: **160 lbs.**

THE WALL STRUCTURE MUST BE CAPABLE OF SUPPORTING AT LEAST FIVE TIMES THE WEIGHT OF THE FLAT PANEL. IF NOT, THE WALL STRUCTURE MUST BE REINFORCED.

## Warning Statements



PRIOR TO THE INSTALLATION OF THIS PRODUCT, THE INSTALLATION INSTRUCTIONS MUST BE READ AND COMPLETELY UNDERSTOOD. KEEP THESE INSTALLATION INSTRUCTIONS IN AN EASILY ACCESSIBLE LOCATION FOR FUTURE REFERENCE.



PROPER INSTALLATION PROCEDURE BY A QUALIFIED SERVICE TECHNICIAN MUST BE FOLLOWED, AS OUTLINED IN THESE INSTALLATION INSTRUCTIONS. FAILURE TO DO SO COULD RESULT IN PROPERTY DAMAGE, SERIOUS PERSONAL INJURY, OR EVEN DEATH.



SAFETY MEASURES MUST BE PRACTICED AT ALL TIMES DURING THE ASSEMBLY OF THIS PRODUCT. USE PROPER SAFETY EQUIPMENT AND TOOLS FOR THE ASSEMBLY PROCEDURE TO PREVENT PERSONAL INJURY.



VIEWZ DOES NOT WARRANT AGAINST DAMAGE CAUSED BY THE USE OF ANY VIEWZ PRODUCT FOR PURPOSES OTHER THAN THOSE FOR WHICH IT WAS DESIGNED OR DAMAGE CAUSED BY UNAUTHORIZED ATTACHMENTS OR MODIFICATIONS, AND IS NOT RESPONSIBLE FOR ANY DAMAGES, CLAIMS, DEMANDS, SUITS, ACTIONS OR CAUSES OF ACTION OF WHATEVER KIND RESULTING FROM, ARISING OUT OF OR IN ANY MANNER RELATING TO ANY SUCH USE, ATTACHMENTS OR MODIFICATIONS.



At least two qualified people should perform the assembly procedure. Personal injury and/or property damage can result from dropping or mishandling the flat panel.



If mounting to wall studs or ceiling studs, make sure that the mounting screws are anchored into the center of the wall studs or ceiling studs. Use of an edge-to-edge stud finder is recommended.



It is recommended that a maximum of 5/8" plaster board be used when mounting to wooden studs.



Be aware of the mounting environment. If drilling and/or cutting into the mounting surface, always make sure that there are no electrical wires in wall. Cutting or drilling into an electrical line may cause serious personal injury.



Make sure there are no water or natural gas lines inside the wall where the mount is to be located. Cutting or drilling into a water or gas line may cause severe property damage or personal injury.



This product is intended for indoor use only. Use of this product outdoors could lead to product failure and/or serious personal injury.



Do not install near sources of high heat. Do not install on a structure that is prone to vibration, movement or chance of impact.




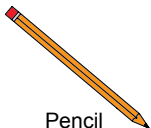
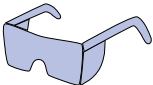


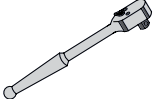


Contact ViewZ with any questions:

(888) 99-ViewZ

techsupport@viewzusa.com

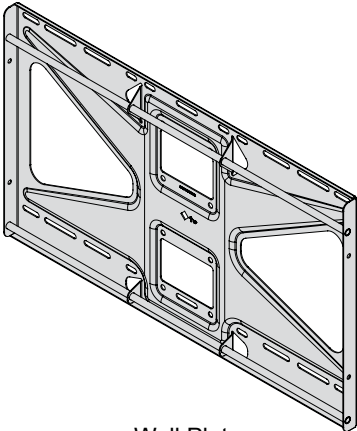
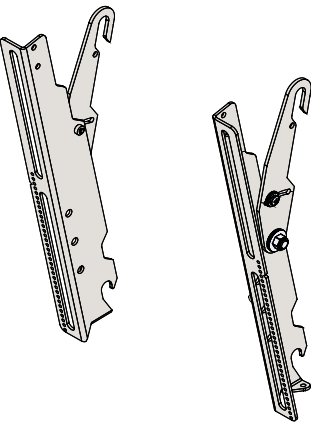
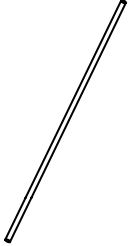
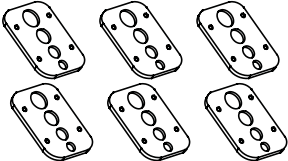

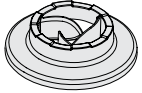
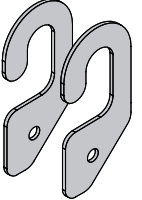
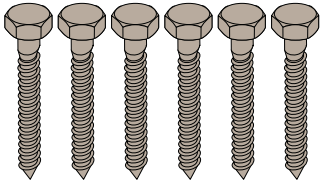
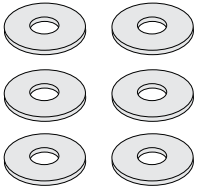
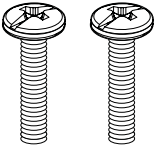
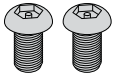
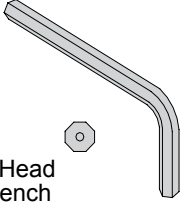
## Installation Tools

The following tools may be required, dependent upon your particular installation. These tools are not provided by Viewz, but you can purchase them at your local hardware store.


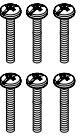


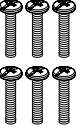
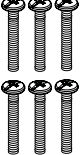

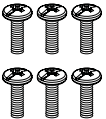
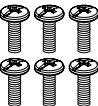
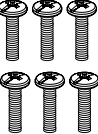
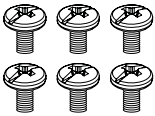
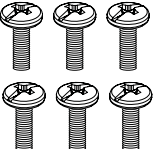
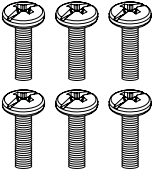
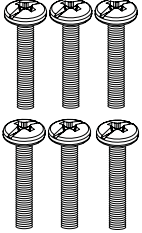
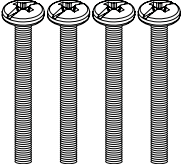
				
Electronic Stud Finder	Pencil	Protective Eyewear	Portable Drill	1/4" Drill Bit
				
Socket Wrench	1/2" Socket	Phillips Head Screwdriver		

## Parts List

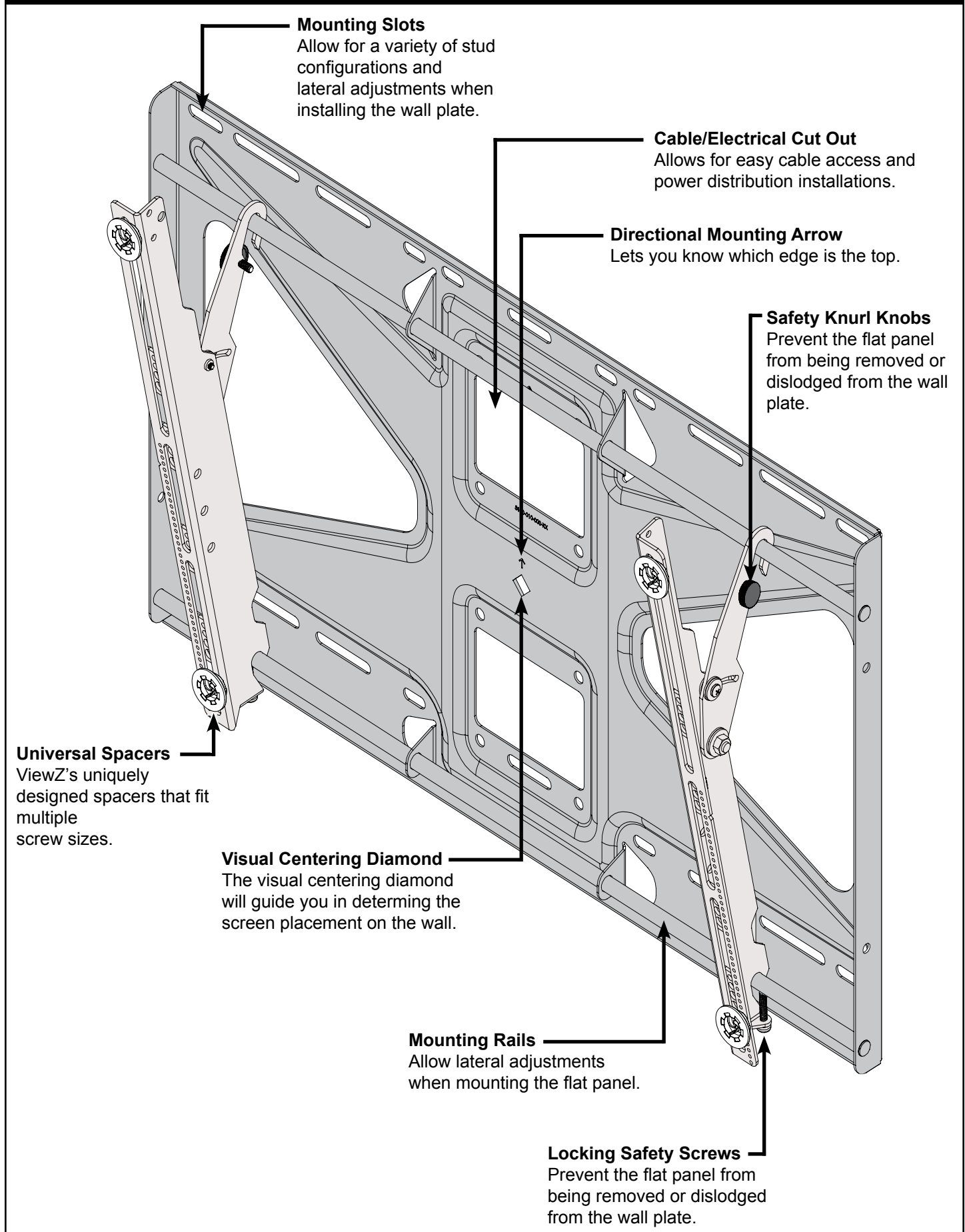
Your Viewz product is shipped with all proper installation hardware and components. Make sure that none of these parts are missing and/or damaged before beginning installation. If there are parts missing and/or damaged, please stop the installation and contact Viewz at 1-888-99-ViewZ.

VZ-CMK04 Tilting Wall Mount Assembly Components				
				
Wall Plate (Qty 1)	Mounting Bracket (Qty 2)		Thread Depth Indicator (Supplied)	
			<b>Panelock™ Hardware Kit</b> 	
Griplate™ Washer (Qty 6)	M6 Safety Knurl Knob (Qty 2)	Universal Spacers (Qty 24)	Panelock™ Hooks (Qty 2)	
				
5/16" x 3" Lag Bolt (Wooden Studs Only) (Qty 6)	5/16" Flat Washer (Qty 6)	M6 x 30mm Locking Safety Screw (Qty 2)		
			Security Head Allen Wrench	

## Parts List (cont'd)

Mounting Hardware	
M4 x 16mm Screw (Qty 6)	
M4 x 25mm Screw (Qty 6)	
M4 x 30mm Screw (Qty 6)	
M5 x 16mm Screw (Qty 6)	
M5 x 25mm Screw (Qty 6)	
M5 x 30mm Screw (Qty 6)	
M6 x 16mm Screw (Qty 6)	
M6 x 25mm Screw (Qty 6)	
M6 x 30mm Screw (Qty 6)	
M6 x 45mm Screw (Qty 6)	
M8 x 16mm Screw (Qty 6)	
M8 x 25mm Screw (Qty 6)	
M8 x 30mm Screw (Qty 6)	
M8 x 45mm Screw (Qty 6)	
M8 x 70mm Screw (Qty 4)	

## Features



## Installing the Wall Plate

### Introduction



#### Directional Mounting Arrow

The Directional Mounting Arrow stamped into the VZ-CMK04 wall plate indicates which edge is the top.



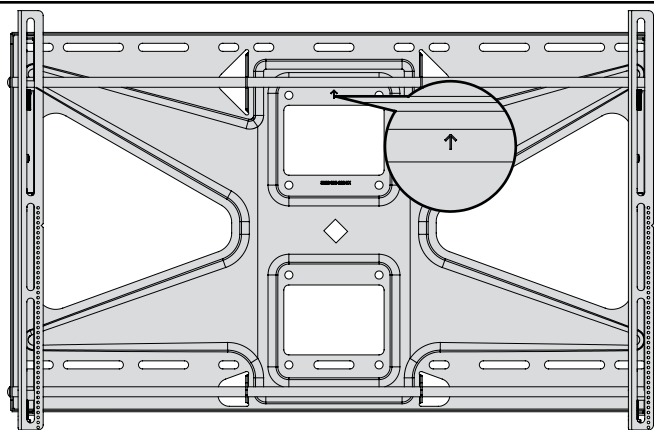
#### Visual Centering Diamond

The Visual Centering Diamond will guide you in determining the screen placement on the wall.



#### Mounting Safety

Two people are recommended to install the wall plate.

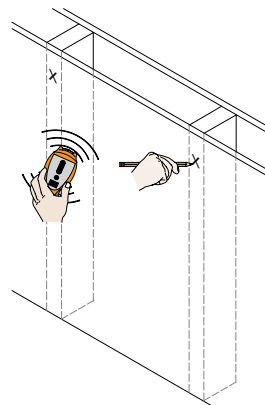


### Step 1



You must secure the wall plate to two (2) wall studs with four (4) lag bolts (2 lag bolts for each stud found)

- 1) Use a stud finder to determine the exact center of wall studs in the vicinity of the wall plate.
- 2) Use a pencil to mark the exact center of each of the wall studs.

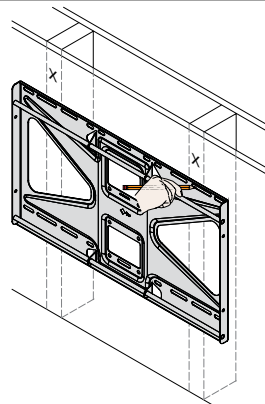


### Step 2



Two people are recommended for this step; one person to level the wall plate and another person to mark the wall stud location.

- 1) Place the wall plate against the wall in the desired viewing location.
- 2) Adjust the wall plate to align the mount slots in the wall plate with the center of the wall studs.
- 3) Level the wall plate.
- 4) Use a pencil to mark the upper right mounting location along the center of the wall stud.

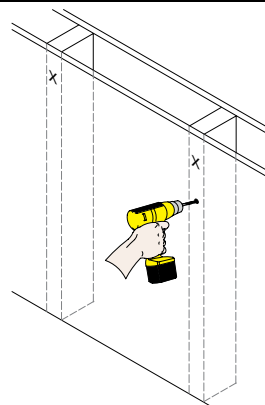


### Step 3

Drill a "pilot hole" in the center of the upper right mark using a 1/4" drill bit and power drill.



Only use a 1/4" drill bit when drilling pilot holes.



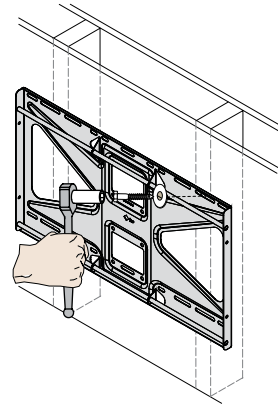
## Installing the Wall Plate (cont'd)

### Step 4

- 1) Place the wall plate against the wall and align it with the pilot hole.
- 2) Insert one (1)  $\frac{5}{16}$ " x 3" lag bolt and one (1)  $\frac{5}{16}$ " washer into the upper right pilot hole.
- 3) Use a socket wrench and a  $\frac{1}{2}$ " socket to tighten the lag bolt.

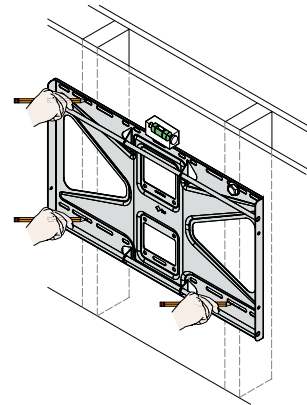


Do not overtighten the lag bolt.



### Step 5

- 1) Level the wall plate.
- 2) Use a pencil to mark the remaining three (3) mounting locations along the center of each wall stud.



### Step 6

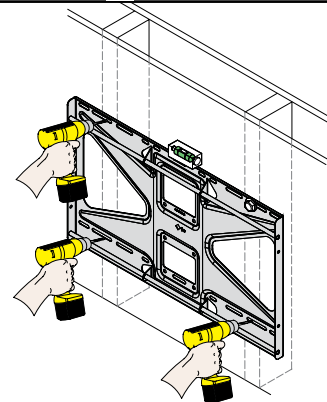


Two people are recommended for this step; one person to level the wall plate and another person to drill the pilot holes.

Drill a "pilot hole" in the center of each of the marks with a power drill and a  $\frac{1}{4}$ " drill bit.



Only use  $\frac{1}{4}$ " drill bit when drilling the pilot holes.



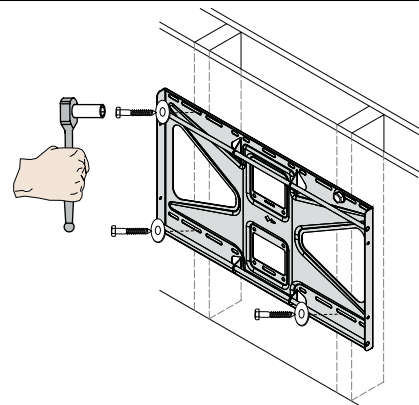
### Step 7

- 1) Insert one (1)  $\frac{5}{16}$ " x 3" lag bolt and one (1)  $\frac{5}{16}$ " washer into each pilot hole
- 2) Tighten all lag bolts using a socket wrench and  $\frac{1}{2}$ " socket.



Do not overtighten the lag bolts when attaching the mount to the wall. Improper installation may result in personal injury or property damage.

**Proceed to the "Installing the Mounting Bracket" on page 8.**






## Installing the Mounting Brackets

### Selecting the Mounting Hardware

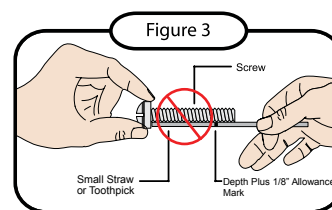
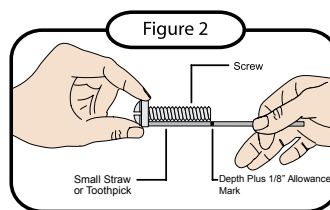
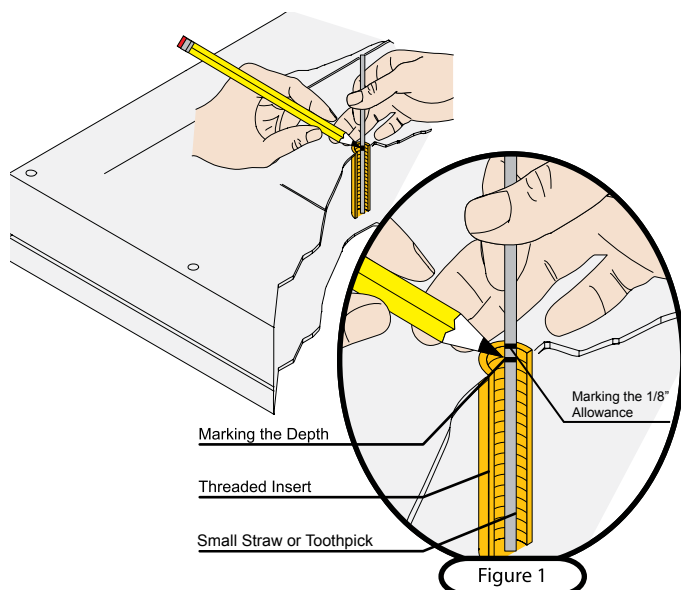
- 1) Insert a small straw or toothpick into the threaded inserts found on the back of the flat panel.
- 2) Use a pencil to mark the depth of the threaded insert on the small straw or toothpick.
- 3) Mark the straw or toothpick 1/8" above the depth of the threaded insert, as shown in Figure 1.
- 4) Insert the small straw or toothpick into the remaining threaded inserts to compare and verify their depth using the straw or toothpick's 1/8" allowance mark.
- 5) Locate the correct diameter screw for the threaded insert.

 If the screw you selected is longer than the 1/8" allowance mark on the small straw or toothpick, as shown in Figure 2 and Figure 3, do not use this screw. The screw length must not bypass the mark.

- 6) Test each size of the screws provided.

The correct screws should thread easily into the mounting point and not pull out when tension is applied.

**Proceed to the "Griplate™ Installation" section.**







## Installing the Mounting Brackets (cont'd)

### Attaching the Mounting Brackets to the Flat Panel

This section presumes that you have read and understood these sections:

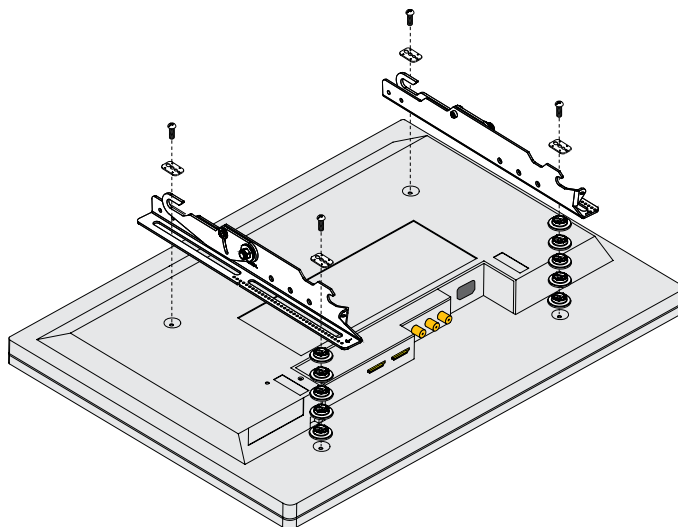
- Selecting the Proper Mounting Hardware
- Universal Washer Installation
- Universal Spacer Installation

- 1) Place your flat panel screen-side down on a soft, flat surface.
- 2) Identify the number and location of the thread inserts on the back of your flat panel.
- 3) Aligning the holes on each mounting bracket with the thread inserts on the back of your flat panel.
- 4) Secure each mounting bracket to your flat panel by inserting a minimum of two (2) screws per bracket.



Do not overtighten the mounting hardware.

Proceed to the “Mounting the Flat Panel” below.



## Mounting the Flat Panel

### Attaching the Flat Panel to the Wall Plate

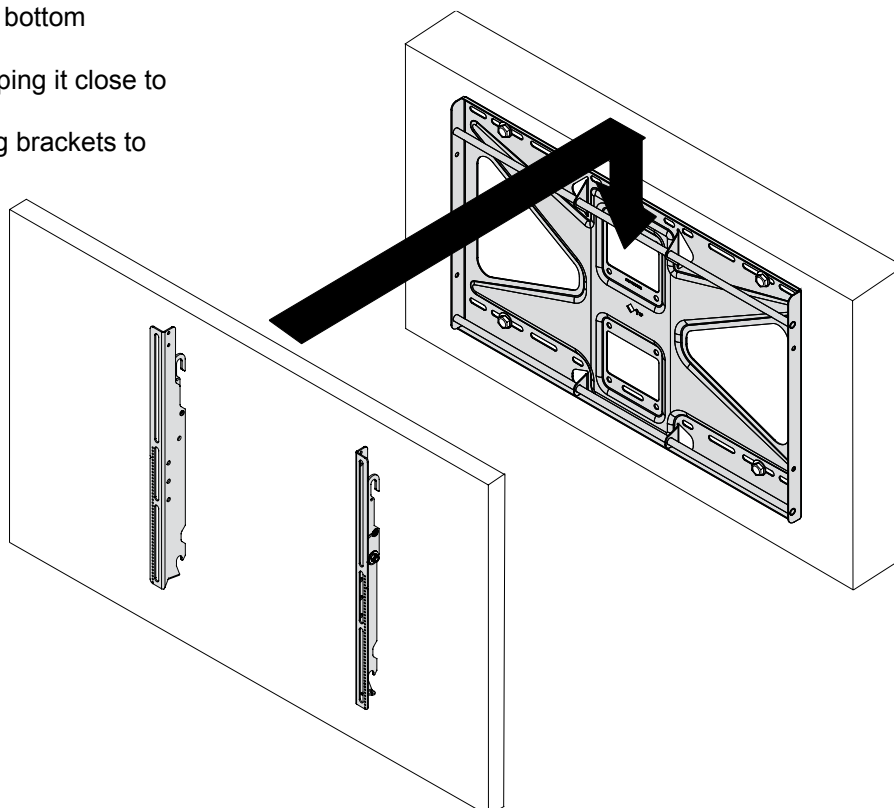
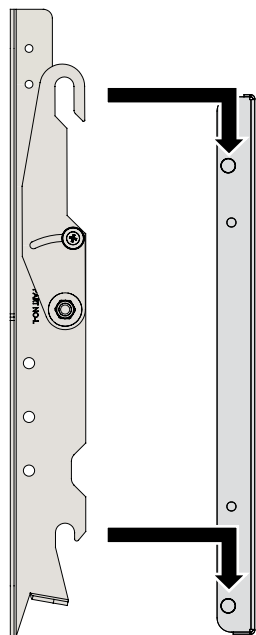


This section requires two people.




Do not release your flat panel until you are certain that top and bottom hooks of both mounting brackets are securely seated on the upper and lower mounting rails of the wall plate.


- 1) Raise the flat panel past the top and bottom mounting rails on the wall plate.
- 2) Slide the flat panel down slowly, keeping it close to the wall.
- 3) Engage the top and bottom mounting brackets to the rails of the wall plate.



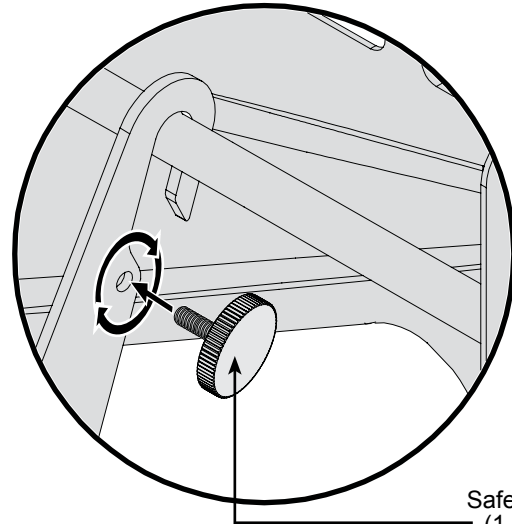
## Safety Knurl Knob Installation

 If you chose not to install the safety knurl knobs and instead chose to use the Panelock™, skip this section and proceed to the Panelock™ Installation section below.

The Panelock™ is a theft deterrent device. It comes with security hardware that requires a special tool that is used to install and remove the security head screws.


 The safety knurl knobs keep the flat panel from being accidentally dislodged from the VZ-CMK04.

- 1) Fully extend the flat panel away from the wall.
- 2) Install and tighten a safety knurl knob at the top of one of the mounting brackets.
- 3) Repeat steps 1 and 2 for the other safety knurl knob.




Safety Knurl Knob  
(1 per Bracket)


## Panelock™ Installation

 If the safety knurl knobs were previously installed, they must be removed prior to installing the Panelock™ hardware.

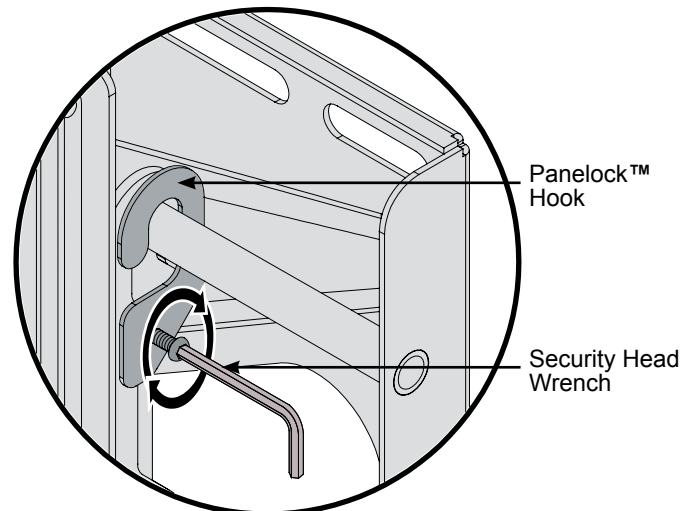
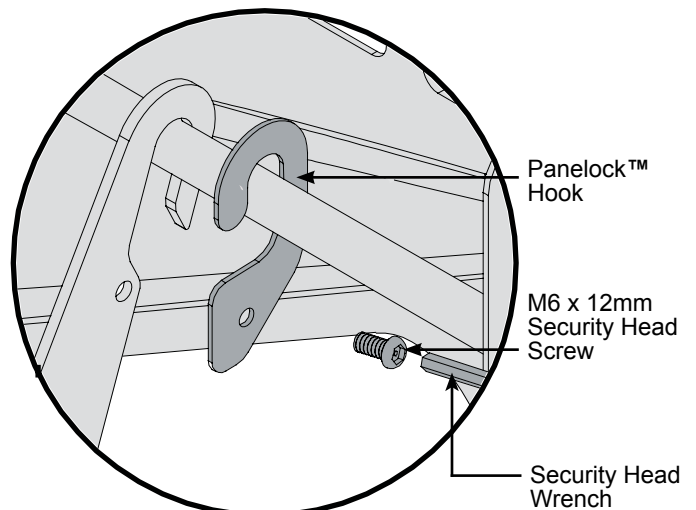
- 1) Slide the Panelock™ onto the top mounting rail, placing the Panelock™ to the outside edge of the flat panel bracket.

 Be sure that the Panelock™ is facing in the same direction as shown in the illustration to the right.

- 2) Insert and tighten one (1) M6 x 12mm screw to attach the Panelock™ to the flat panel bracket.

 Repeat **1** and **2** to attach the remaining Panelock™.

**Proceed to “Tilt Adjustment” on page 12.**



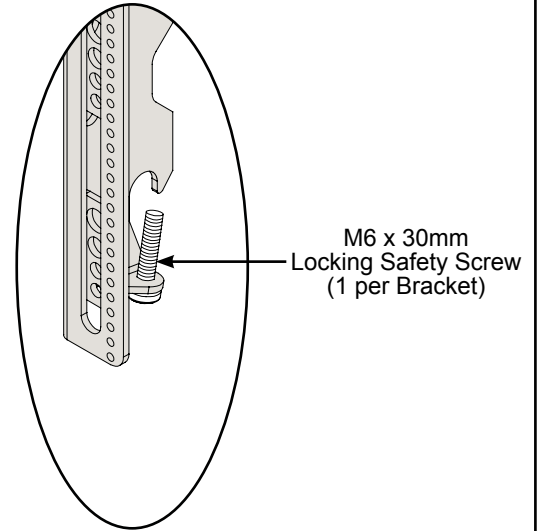
## Locking Safety Screw Installation

**!** The locking safety screws keep the flat panel from being accidentally dislodged from the VZ-CMK04.

- 1) Thread an M6 x 30mm locking safety screw at the bottom of one of the mounting brackets.
- 2) Use a Phillips head screwdriver to tighten the locking safety screw.
- 3) Repeat steps 1 and 2 for the other locking safety screw.

**!** Do not overtighten the locking safety screws.

**Proceed to the “Installing the Mounting Bracket” below.**



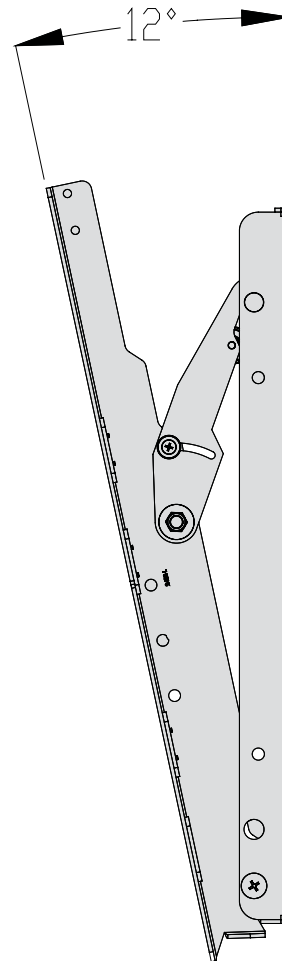
## Tilt Adjustment

### Adjusting the Flat Panel Friction Tilt Angle

- 1) Place one hand at the center top edge of the flat panel.
- 2) Place the other hand on the center bottom edge of the flat panel.
- 3) Using the upper hand, gently pull the top of the flat panel towards you while the lower hand gently pushes the bottom of the flat panel away from you.

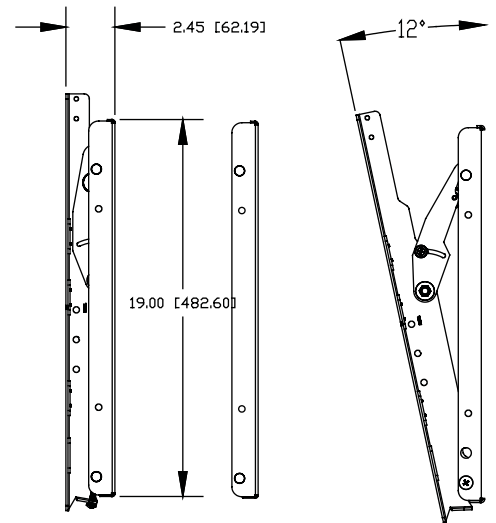
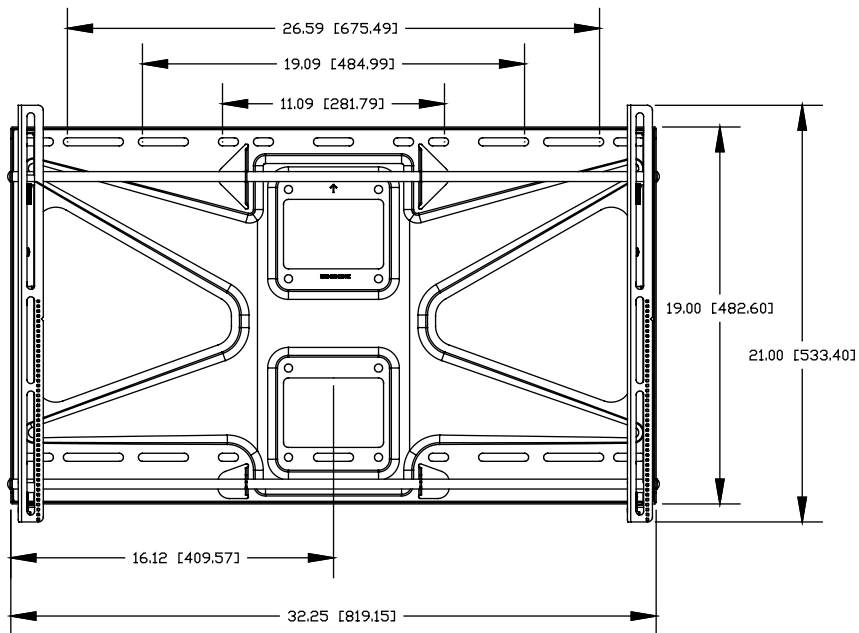
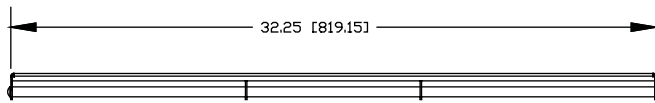
### Adjusting the Flat Panel to the Original Position

- 1) Place one hand at the center top edge of the flat panel.
- 2) Place the other hand on the center bottom edge of the flat panel.
- 3) Using the upper hand, gently push the top of the flat panel towards the wall while the lower hand gently pulls the bottom of the flat panel away from the wall.



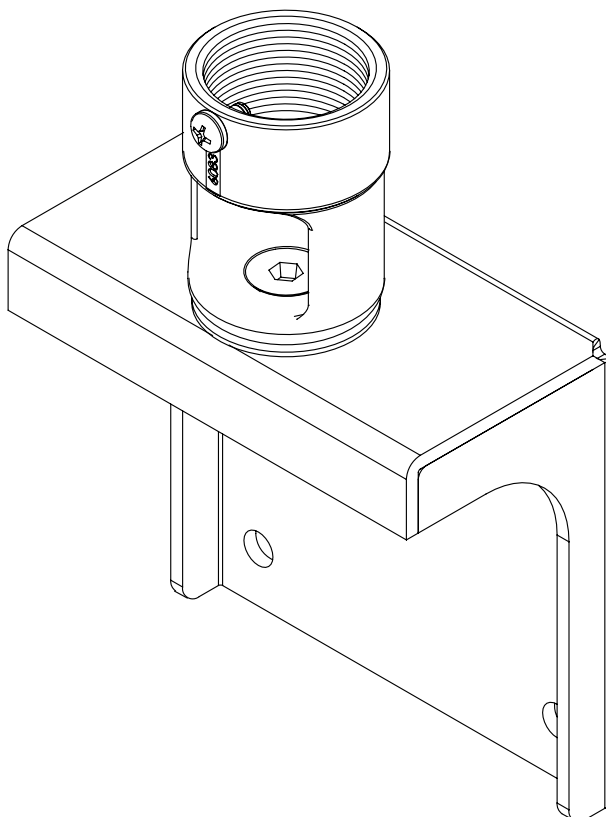
## Technical Specifications

All measurements are in inches [millimeters].





## INSTALLATION INSTRUCTIONS



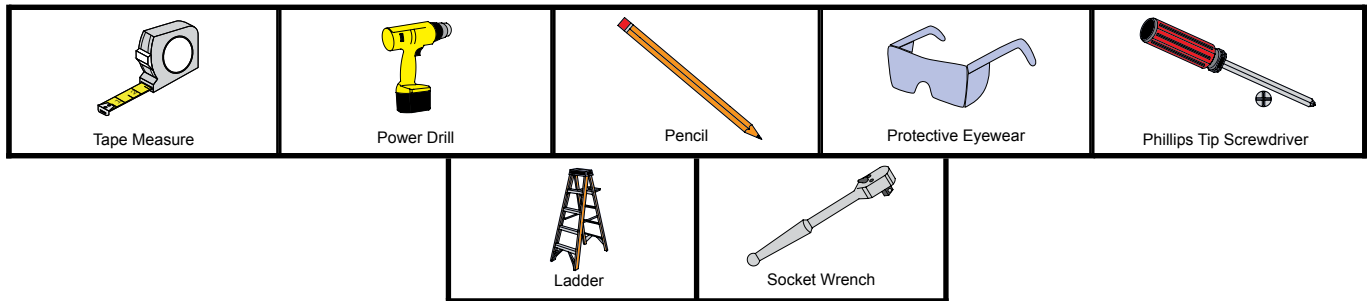
**VZ-CMK04 PART 2**  
Ceiling Mount Adapter

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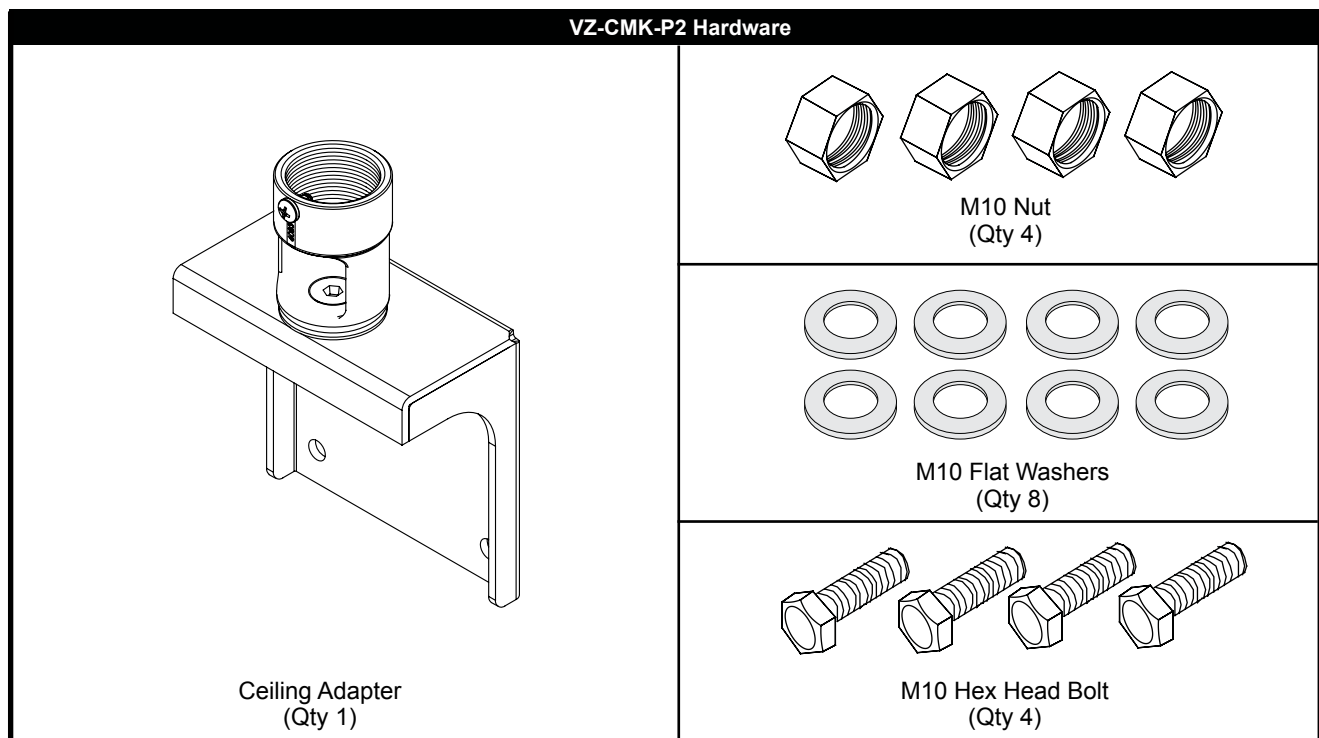
## Installation Tools

The following tools may be required depending upon your particular installation. They are not included.



## Parts List

Make sure your Viewz product has the following hardware and components before beginning installation. If there are parts missing and/or damaged, stop the installation and call ViewZ at (888) 99-ViewZ.





## Installing the VZ-CMK-P2 Adapter

### Attaching The Ceiling Adapter

#### Step 1

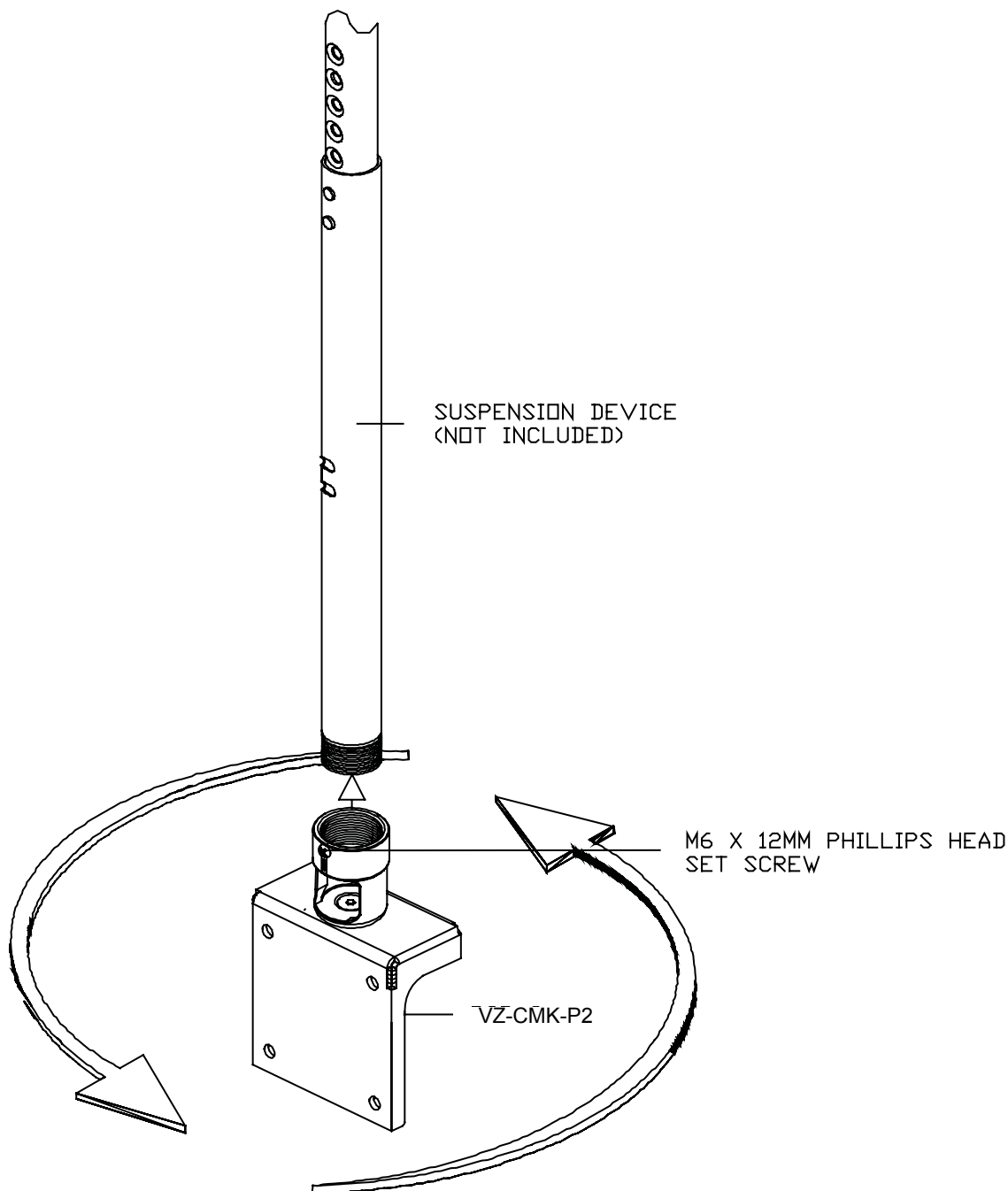


Before the following steps are begun, the appropriate suspension device must be installed. ViewZ offers the VZ-CMK-P3 or a standard 1-1/2" NPT extension pipe. Please see the installation instructions that are included with these respective mounting configurations.



In addition, some steps of this installation may require two people to prevent personal injury and/or damage to your projector. Please observe all warnings in the following installation procedure and utilize proper safety equipment at all times.

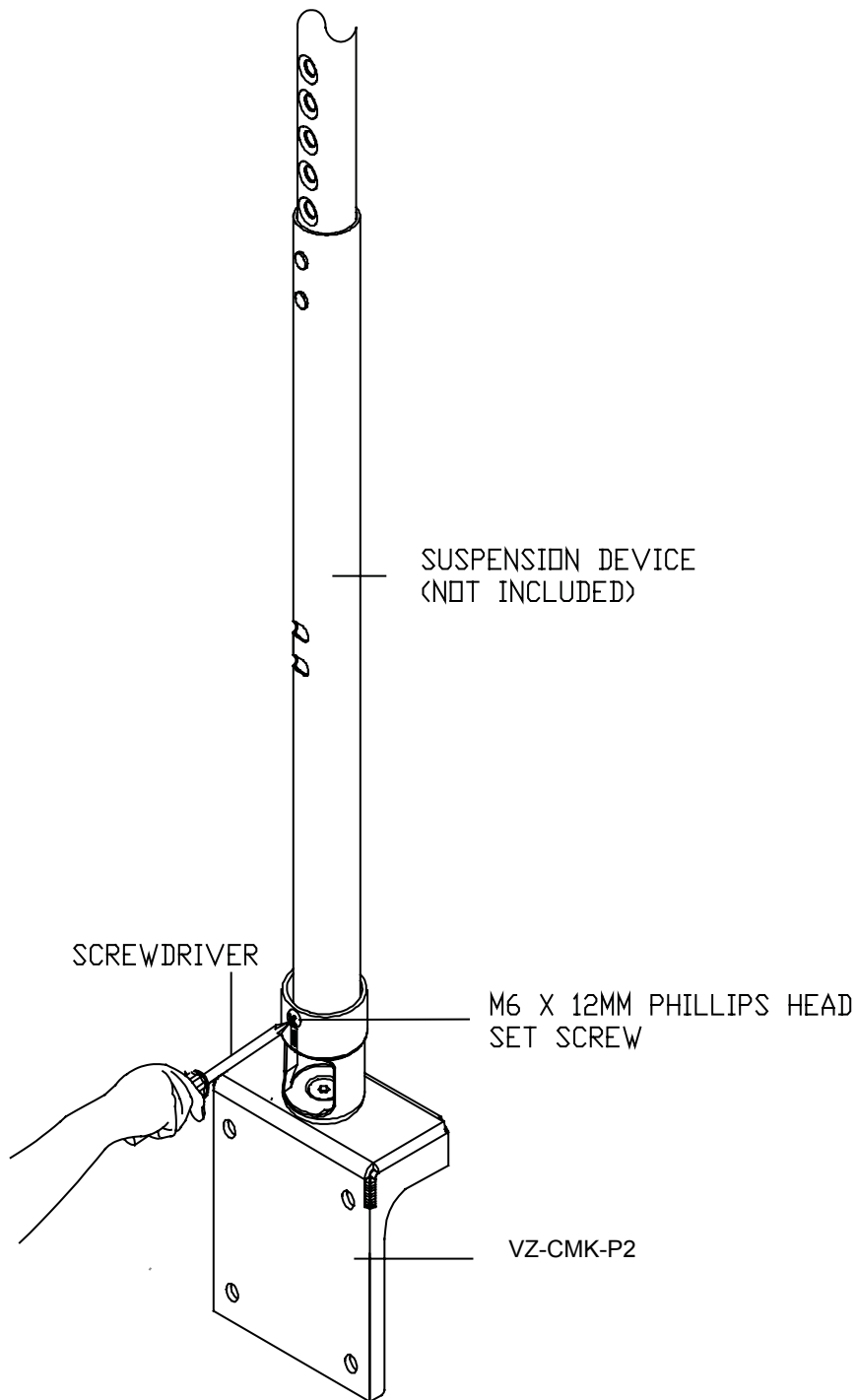
- 1) To attach the ceiling adapter to the suspension device (not included), rotate the ceiling adapter onto the suspension device five (5) complete turns.



**Step 2**

A Phillips head screwdriver is required to perform the following step.

- 1) Once the ceiling adapter has been attached, tighten the M6 x 12mm Phillips head set screw using a Phillips screwdriver.



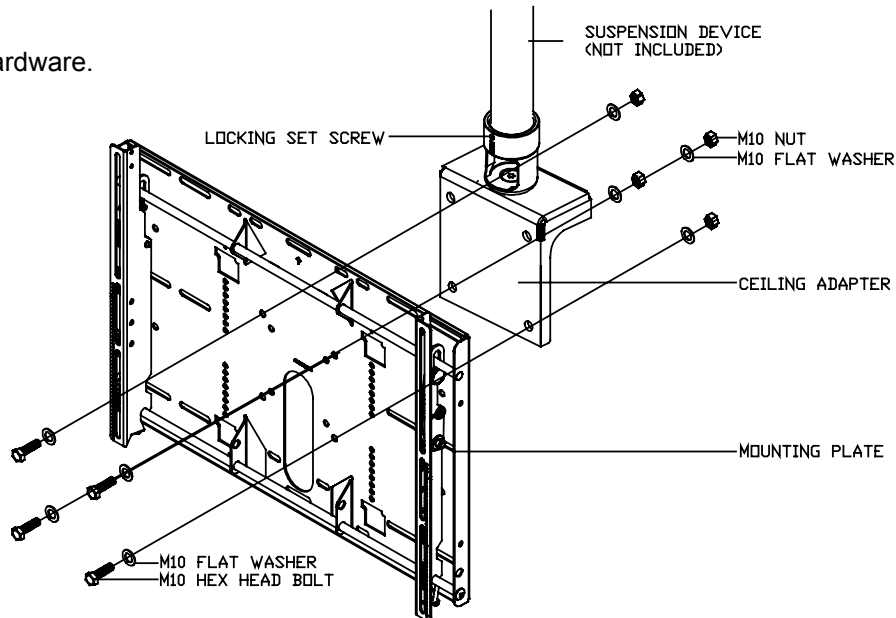
## Attaching the Mounting Plate

### Step 1

- 1) Use four M10 hex head bolts, eight M10 flat washers, and four M10 nuts to attach the mounting plate to the ceiling adapter.



At this time, finger tighten all hardware.



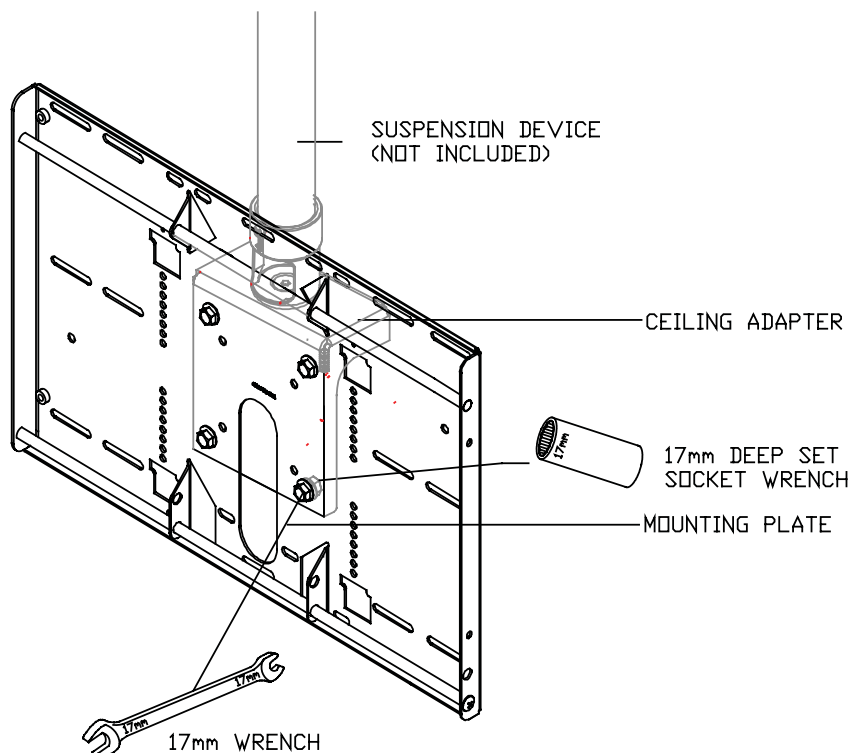
*\*Mount shown for illustration purposes only (not included)*

### Step 2



A 17mm open-end wrench and a 17mm socket wrench will be required to perform the following step (not included).

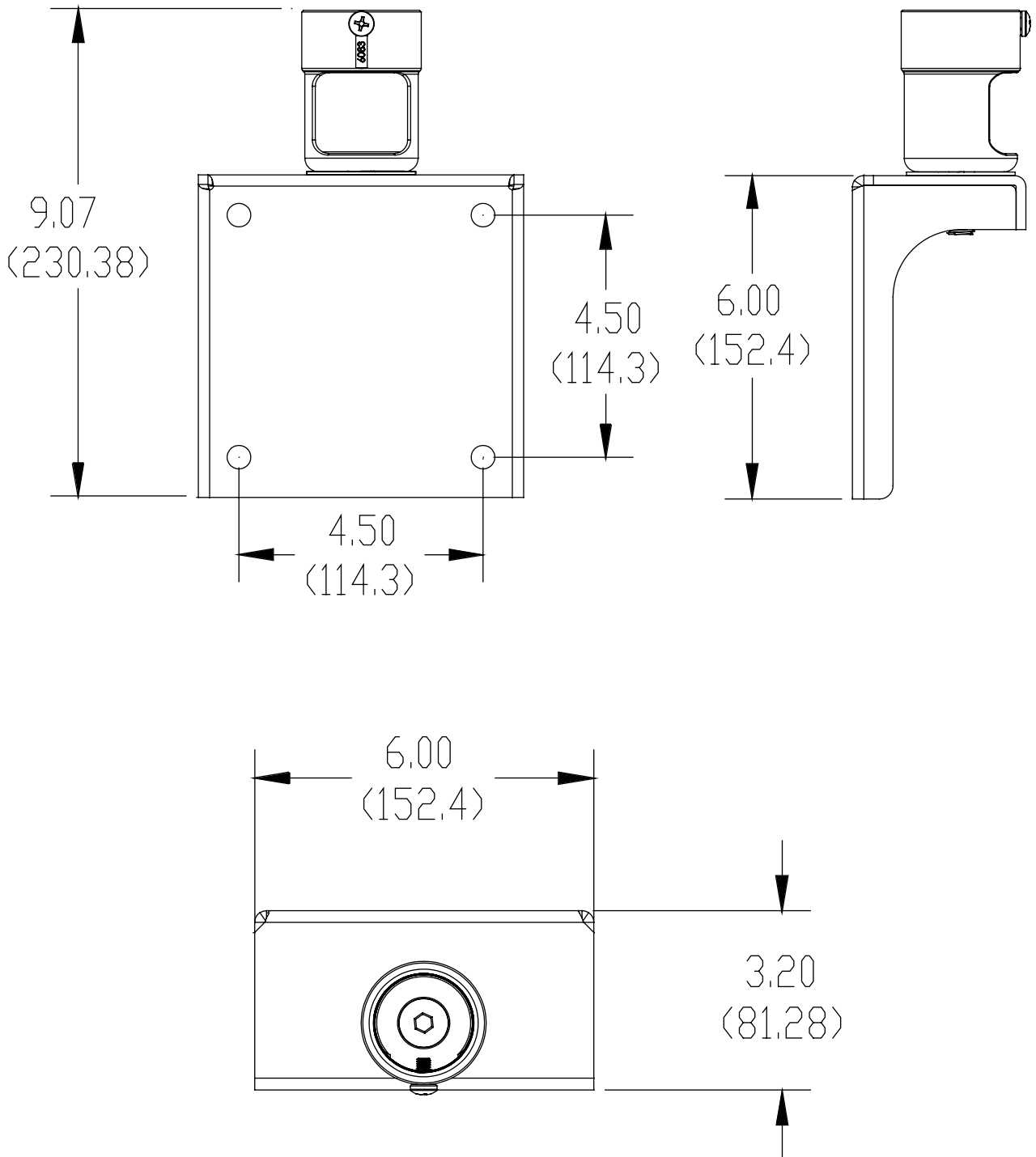
- 1) Once the two units have been attached together, use a 17mm socket wrench and a 17mm wrench to tighten the M10 hardware.



*\*Mount shown for illustration purposes only (not included)*

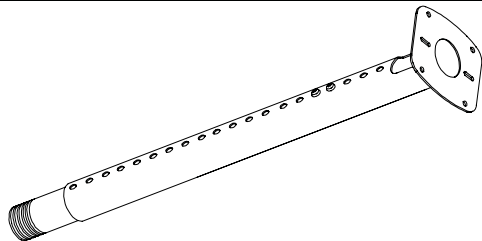
**Technical Specifications**

All measurements are in inches [mm].



## Part 3 Installation Instructions

### Introduction



This 1.5 in. adjustable-height suspension adapter allows the height of the display or projector to be adjusted within a range of 24 - 46 in. (60.96-116.84cm) in 1.25 in. (3.18cm) increments.

### Installing the VZ-CMK-P3

**?** Are you attaching the VZ-CMK-P3 to a single stud or a concrete surface?

If a **single stud**, continue to the “**Single Stud**” section below.

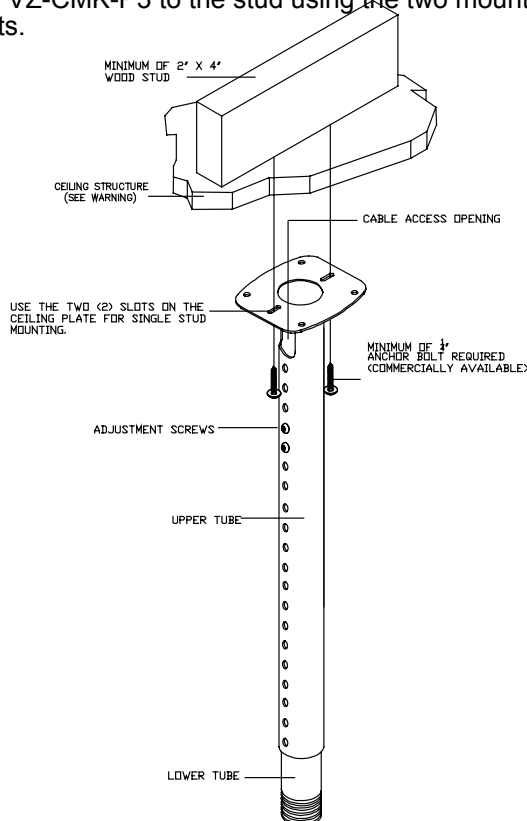
If a **concrete surface**, go to the “**Solid Ceiling Surface**” section on page 2.



The ceiling should be capable of supporting at least five (5) times the weight of the product that will be used with this accessory. If the surface cannot support this weight, it must be reinforced. Proper installation procedure by qualified personnel as outlined in the installation instructions must be adhered to. Failure to do so could result in serious personal injury.

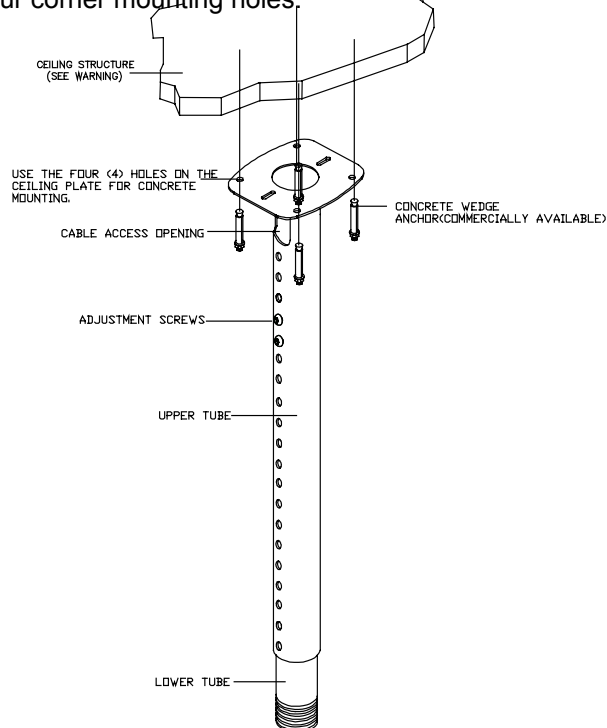
### Single Stud Installation

Use suitable, commercially available hardware to secure the VZ-CMK-P3 to the stud using the two mounting slots.



### Solid Ceiling Surface Installation

Use suitable, commercially available hardware to secure the VZ-CMK-P3 to the ceiling surface using the four corner mounting holes.

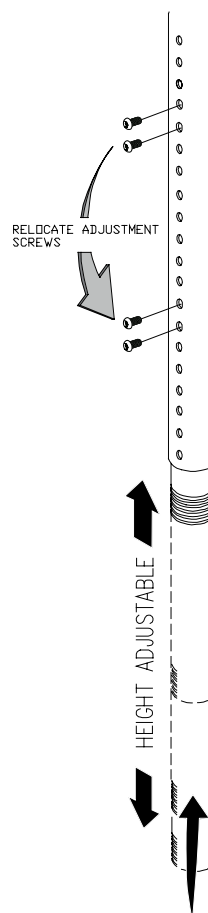


### Height Adjustment

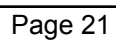


Make sure to hold the flat panel, or projector, securely and remove it from the mount to make the height adjustment prior to loosening the adjustment screws. Loosen, remove, adjust then re-tighten the screws. Failure to do so could result in injury and or damage to the flat panel or projector.

- 1) Remove the adjustments screws to adjust the height.
- 2) Re-insert adjustment screws into holes once pipe is at the desired length.



All measurements are in inches [mm].



## VIEWZ LIMITED LIFETIME WARRANTY

### What and Who is Covered by this Limited Warranty and for How Long

ViewZ warrants this product to be free from defects in material and workmanship for the lifetime of the original owner of this product. The limited warranty is valid only for the original purchaser of the product.

### What ViewZ Will Do

At the sole option of ViewZ, ViewZ will repair or replace any product or product part that is defective. If ViewZ chooses to replace a defective product or part, a replacement product or part will be shipped to you at no charge, but you must pay any labor costs.

### What is Not Covered; Limitations

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### What Customers Must Do for Limited Warranty Service

If you discover a problem that you think may be covered by the warranty you MUST REPORT it in writing to the address below within thirty (30) days. Proof of purchase (an original sales receipt) from the original consumer purchaser must accompany all warranty claims. Warranty claims must also include a description of the problem, the purchaser's name, address, and telephone number. General inquiries can be addressed to ViewZ Customer Service at 1-888-99-ViewZ. Warranty claims will not be accepted over the phone or by fax.

ViewZ  
Attn: Warranty Claim  
1220 N. Kraemer Blvd.  
Anaheim, CA 92806

### How State Law Applies

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

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