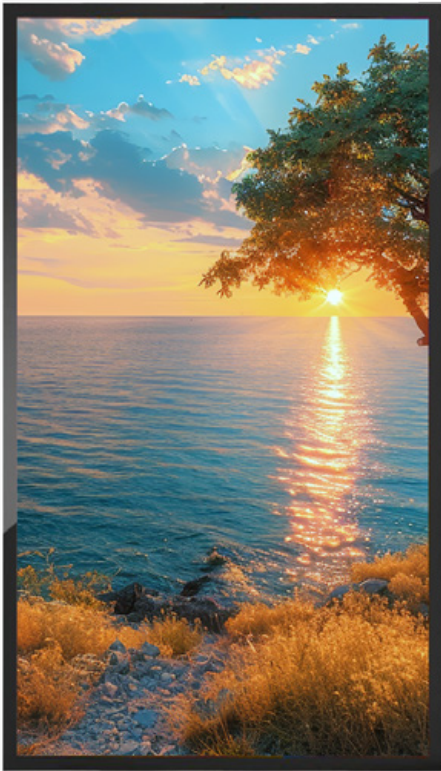


# VZ-OIP SERIES

## OUTDOOR MONITOR INSTALLATION

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### INSTALLATION USER MANUAL



**ViewZ®**  
[www.viewzusa.com](http://www.viewzusa.com)

Please read this manual thoroughly before use, and keep it handy for future reference.

# CONTENTS

**Safety Instruction** ..... 3

    1. Mark Indication & Substance ..... 3

    2. Warning & Caution ..... 4

    3. FCC RF INTERFERENCE STATEMENT ..... 6

**Installation**..... 7

    1. Package ..... 7

    2. Interface ..... 8

    3. Remote Control Function ..... 9

    4. Wall Mount Installation ..... 12

    5. Ground Installation ..... 18

# SAFETY INSTRUCTIONS

## Important Safety Instructions

1. **Read all warnings.**
2. Follow all instructions to ensure longevity of monitor.
3. Do not place the monitor near water.
4. Clean only with dry cloth.
5. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
6. Do not install near any heat sources such as radiators, heat registers, stoves, or other heat generating devices.
7. Do not override the safety purpose of the polarized or grounding-type plug.
8. A polarized plug has two blades with one wider than the other.
9. A grounding type plug has two blades and a third grounding prong.
10. The wide blade or the third prong is provided for your safety.
11. If the provided plug does not fit into your outlet, consult with electrician for replacement of the outlet.
12. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where it connects to the monitor.
13. Only use attachment/accessories specified by the manufacturer.
14. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the monitor. When a cart is used, use caution when moving the cart & monitor in combination to avoid injuries.
15. Unplug the monitor during lightning storms or when unused for long periods of time.
16. Refer all servicing to qualified service personnel. Servicing is required when the monitor has been damaged in any way.



The monitor shall not be exposed to dripping or splashing and objects containing liquids such as vases shall be placed near the monitor.

The monitor should have ample distance (e.g. 10cm) from the wall for sufficient ventilation.

# SAFETY INSTRUCTIONS

## Important Safety Instructions

### Mark Indication and Substance



CAUTION : TO REDUCE THE RISK OF ELECTRICAL SHOCK,  
DO NOT REMOVE COVER (OR BACK). NO USER  
SERVICEABLE PARTS INSIDE. REFER SERVICING TO  
QUALIFIED SERVICE PERSONNEL



This symbol is intended to alert the user to the presence of uninsulated & dangerous voltage within the monitor's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the monitor.

### Warning

- Do not use damaged or loose cables and plug.
- Do not pull the plug out by the wire nor touch the plug with wet hands.
- Use only a properly grounded plug and receptacle.
- Do not connect too many extension cords or plugs to one outlet.
- Do not excessively bend the plug and wire.
- Do not disconnect the power cord while it's still plugged into the monitor.
- Do not place any heavy objects on the power cord. Damage to the cord may cause shock or fire.
- Never open the monitor. There are no user-serviceable parts inside and opening will void warranty.
- Removing covers may expose you to dangerous shock hazards or other risks.
- Keep any heating devices away from the power cable and monitor.
- Do not place the monitor near water.
- Do not insert objects of any kind into the monitor's open slots, as they may touch dangerous voltage points.
- Please follow the laws and regulations of your municipality to dispose the monitor properly.
- Do not use the monitor in high temperature, humid, dusty or oily areas.
- Do not install the monitor where it will be exposed to continual vibration.
- Keep the plastic packaging out of children's reach.
- If any damage is detected upon first opening the box, contact agency from which you bought the monitor directly.
- If your monitor does not operate normally – in particular, if there is any unusual sound or smell coming from the monitor – unplug it immediately and contact an authorized dealer or the service center.

# SAFETY INSTRUCTIONS

## Important Safety Instructions

### Caution

- If the connector between the plug and the pin is dusty or dirty, clean it properly using a dry cloth.
- Make sure to unplug the power cord before cleaning the monitor.
- Make sure to leave a gap between monitor and wall.
- Do not drop the monitor when moving it.
- Place your monitor in a location with low humidity and minimal dust.
- Install the monitor base on a showcase or shelf so that the end of the base does not protrude from the showcase or shelf.
- Do not place the monitor on an unstable or small surface area.
- Do not install inside a vehicle.
- Disconnect the plug from the outlet during storms or lightning or if it has not been used for a long time.
- Do not try to move the monitor by pulling on the power cord.
- Do not cover the vents on the monitor.
- When moving the monitor, turn off and unplug the power cord. Make sure that all cables, including HDMI cable and cables connected to other devices, are disconnected before moving it.
- Place the monitor out of children's reach as they could damage it by hanging onto it.

### Available Temperature & Humidity

- Operating Temperature : 14°F ~ 149°F / -10°C ~ 65°C
- Operating Humidity : 5 ~ 95% RH

## Dot Defect (dead pixel) of TFT

ViewZ monitors are manufactured using high-end semiconductor technology with precision ratings of 99.9% and above. However, it may be the case that certain RGB and white pixels seem darker (or entirely unlit i.e. black).

Modern production methods cannot guarantee an absolute fault-free monitor. To this effect, no LED manufacturer can guarantee a defect free panel. A few isolated pixel or sub-pixel faults are considered tolerable and different policies exist that govern the amount of these tolerable values.

While most pixel faults occur in isolated regions, a cluster of dead pixels or sub-pixels can sometimes form for which a separate ruling applies. A cluster is defined as an area of 5x5 pixels. ViewZ's policy on pixel failure: either as an isolated fault or in the form of a cluster is outlined on the website: [www.viewzusa.com](http://www.viewzusa.com)

# FCC RF INTERFERENCE STATEMENT

## Note

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technician for help.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment.

## Statement

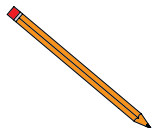
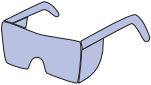
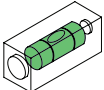
- VESA is the trademark of Video Electronics Standard Association.
- HDMI, HDMI logo and High-Definition Multimedia Interface (high definition multimedia digital interface) are the trademark or registered trademark of HDMI Licensing LLC.

If some company or product trademark is not particularly stated, the use of trademark has been fully recognized. Do not alter, decompile, disassemble, decode or conduct reverse engineering to the software installed in the product, or it can be deemed as breach of the law.

# INSTALLATION

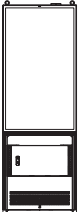
## Installation Tools

The following tools may be required depending on your installation.

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |  |  |  |
| Electronic Stud Finder                                                            | Pencil                                                                            | Protective Eye-wear                                                               | Level                                                                             | Phillips Screwdriver                                                               |

## Assembly Components - provided

Your ViewZ monitor is shipped with all proper installation hardware and components. If there are parts missing and/or damaged, please stop the installation and contact ViewZ USA at (888)-998-4399.

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |   |   |   |
| Outdoor Monitor (Qty 1)                                                             | Outdoor Wall Mount Bracket 1 Set<br>VZ-WM71P (Option)                               | Outdoor Totem Cabinet 1 Set<br>(Option)                                              | Power Cable (Qty 1)                                                                   |
|  |  |  |  |
| Power Cable (Qty 1)                                                                 | WIFI Antenna (Qty 1)                                                                | Remote Controller (Qty 1)                                                            | User Manual (Qty 1)                                                                   |

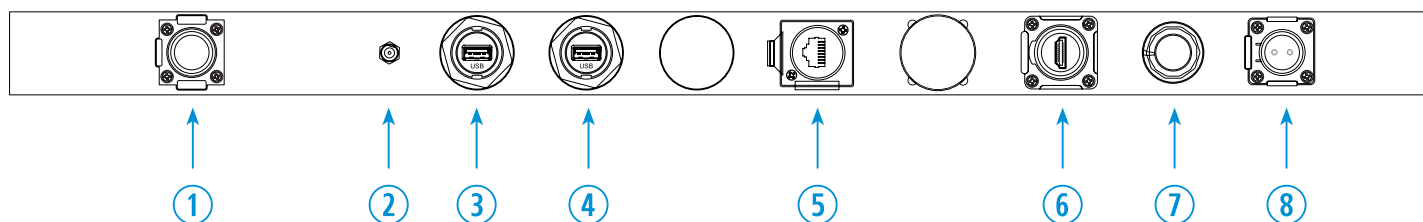
### Note

- Based on the choice, user will have wall mount bracket or totem cabinet set
- A remote controller will be provided by the selected model.

# CONNECT EXTERNAL EQUIPMENTS

## Interface Input Ports

The following image is the description of interface input ports of BNC Monitor



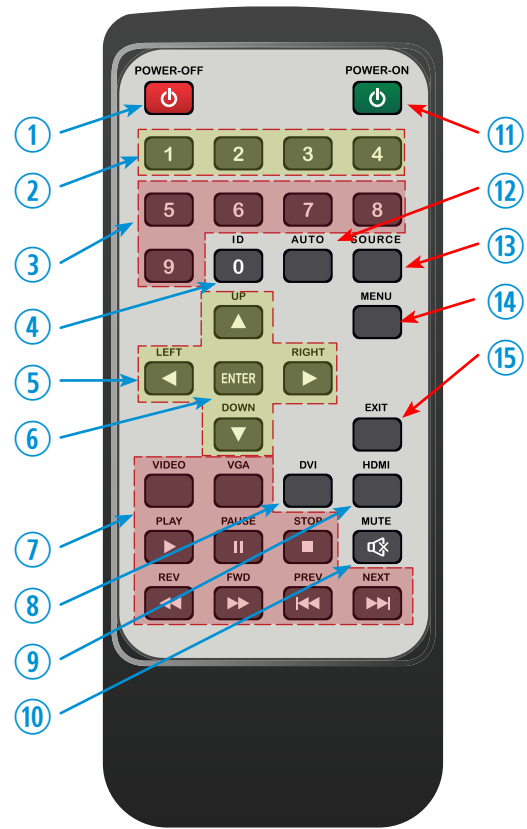
1. AC 100-240V IN
2. WiFi Antenna
3. USB IN
4. USB IN

5. RJ-45 IN
6. HDMI IN
7. SWITCH
8. Power for FAN  
(No connection on the wall mount type)

# CONTROL AND FUNCTION

## Remote Controller - 2K HDMI Ver.

1. **POWER OFF**
2. **PBP Shortcut Key** - #1 (No PBP), #2 (PBP 2 windows), #3 (PBP 3 Windows), #4 (PBP 4 windows)
3. **Number Key** - For entering ID #s
4. **ID(0)** - OSD Version
5. **ARROW** - OSD Control / Shortcut Key (Monitor Brightness)
6. **ENTER** - To confirm current OSD value
7. **No Function** - VIDEO/VGA/PLAY/PAUSE/STOP/REV./FWD/PREV./NEXT.
8. **DVI** - To select the DVI input source
9. **HDMI** - To select the HDMI1/HDMI2 input source
10. **MUTE** - Turn Off the Sound (Audio Out)
11. **POWER ON**
12. **AUTO** - Control a single screen on the videowall, after setup a location (row & column) on the videowall
13. **SOURCE** - Change the input source
14. **MENU** - Enter the OSD
15. **EXIT** - Exit the OSD



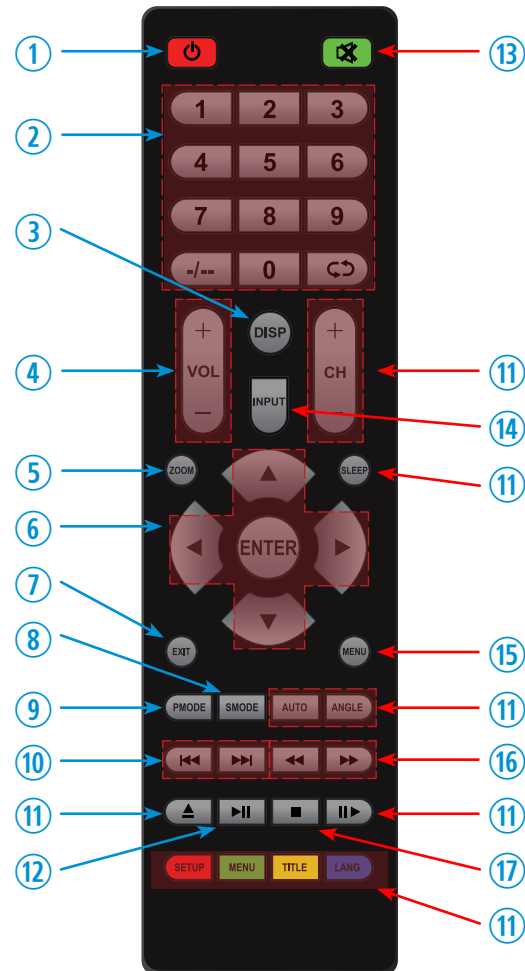
Display image, sound and custom settings can be adjusted in OSD (On Screen Display) menu by remote controller. To adjust monitor setting value:

1. Press the **MENU** button to enter the OSD menu as following figure.
2. Press the **▲ / ▼** buttons to select the desired sub-menu. The selected sub-menu will be highlighted.
3. Press the **◀ / ▶** buttons to change the value you wish to adjust.
4. Press the **ENTER** button to confirm / the **MENU/EXIT** button to exit for saving adjustment value on sub-menu.

# CONTROL AND FUNCTION

## Remote Controller - 4K HDMI Ver.

1. **POWER ON/OFF**
2. **Number Key** - For entering ID #s
3. **DISP** - Display the current input source
4. **VOLUME UP & DOWN**
5. **ASPECT RATIO**
6. **DIRECTION / ENTER** - OSD Control & Confirm current OSD value
7. **EXIT** - Exit or return menu or selection
8. **PMODE** - Change picture mode
9. **SMODE** - Change audio mode
10. **LAST/NEXT** - Go to the next or previous chapter
11. **NONE**
12. **PLAY / PAUSE** - Play or Pause the current display
13. **MUTE** - Turn Off the Sound (Audio Out)
14. **INPUT** - Change the input source
15. **MENU** - Enter or exit the menu
16. **FAST FORWARD / REWIND** - Fast forwarding or rewinding the current playing video
17. **STOP** - Play or stop playing the video



Display image, sound and custom settings can be adjusted in OSD (On Screen Display) menu by remote controller. To adjust monitor setting value:

1. Press the **MENU** button to enter the OSD menu as following figure.
2. Press the **▲ / ▼** buttons to select the desired sub-menu. The selected sub-menu will be highlighted.
3. Press the **◀ / ▶** buttons to change the value you wish to adjust.
4. Press the **ENTER** button to confirm / the **MENU/EXIT** button to exit for saving adjustment value on sub-menu.

# CONTROL AND FUNCTION

## Remote Controller - Android Ver.

### Remote Controller

1. **POWER ON / OFF**
2. **BACK** - Come back to Android system home page
3. **MAGIC PLAY** - Turn off the sound
4. **LOOP** - Switch single program loop and order of play
5. **HDMI IN** - Switch HDMI input sources
6. **MENU** - Enter / Exit the menu of Magic play
7. **OK** - Confirm the menu or Play/Pause the current playing program
8. **Left & Right** ◀(VOL)▶, **Up & Down** ▲▼ - direct menu or left (switch to the previous program), right (switch to the next program)
9. **TAB**
10. **NUMBER**
11. **CHARACTER**
12. **MUTE** - Turn Off the Sound (Audio Out)
13. **ANDROID** - Enter the Android system setup
14. **TOOL Box**
15. **VOLUME UP & DOWN**
16. **VOD** - List all program which can be selectable
17. **MOUSE** - Toggle or exit mouse mode
18. **BACK** - Go back to previous mode
19. **DELETE** - Delete key



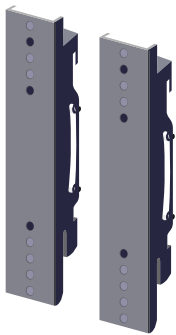
Display image, sound and custom settings can be adjusted in OSD (On Screen Display) menu by remote controller.  
To adjust monitor setting value :

1. Press the **MENU** button to enter the OSD menu
2. Press the **SOURCE** button to select input source
3. Press the **ENTER** button to select the desired **sub MENU**. The selected **sub MENU** will be highlighted
4. Press the ◀ / ▶ button to enter the **sub MENU** for adjusting items
5. Change the value as user want to adjust by using the ◀ / ▶ buttons
6. Press the **ENTER** button to confirm
7. Press the **BACK** button to exit & save adjustment value on **sub MENU**
8. Press the **MUTE** button to mute audio - audio only works with a selected input source

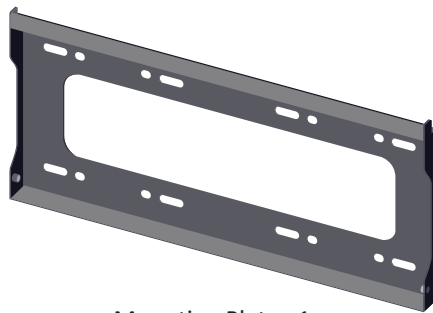
# WALL INSTALLATION

## Components

- ViewZ provides all materials for wall mount brackets.



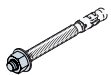
Mount Bracket x2pc



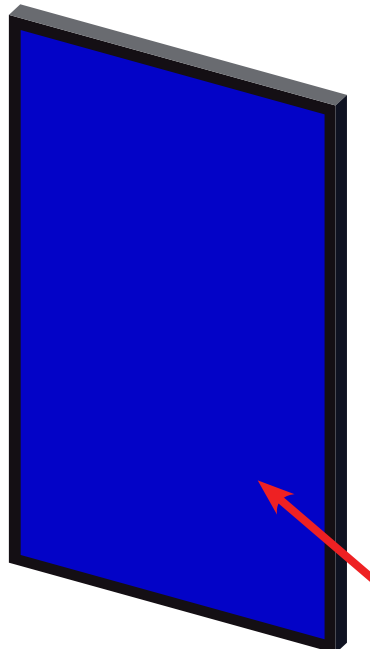
Mounting Plate x1pc



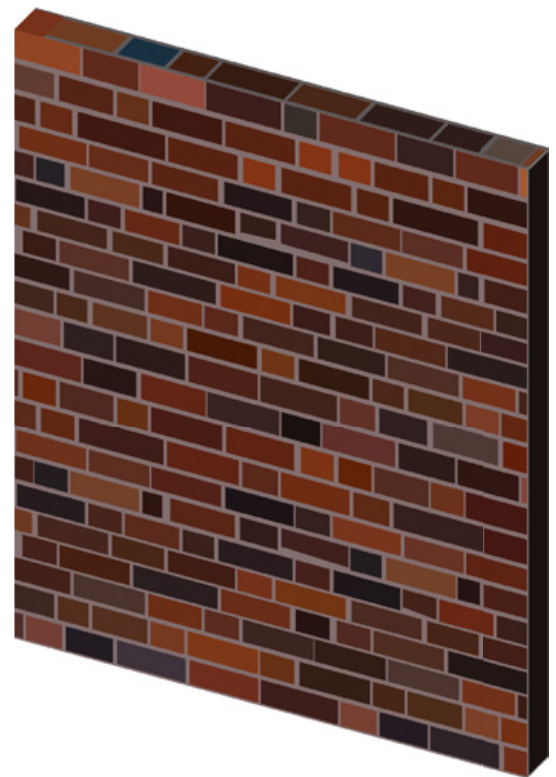
M8 x 10 Screws x4pc



M10 x 100 Screws x8pc



LCD Monitor x1pc

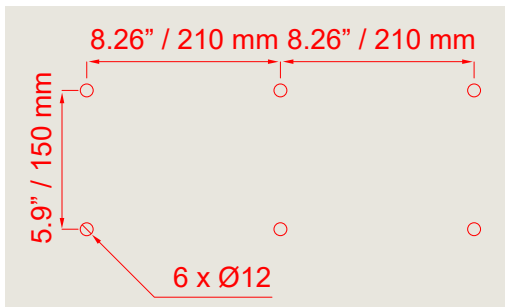
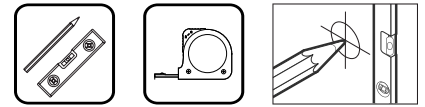


Wall

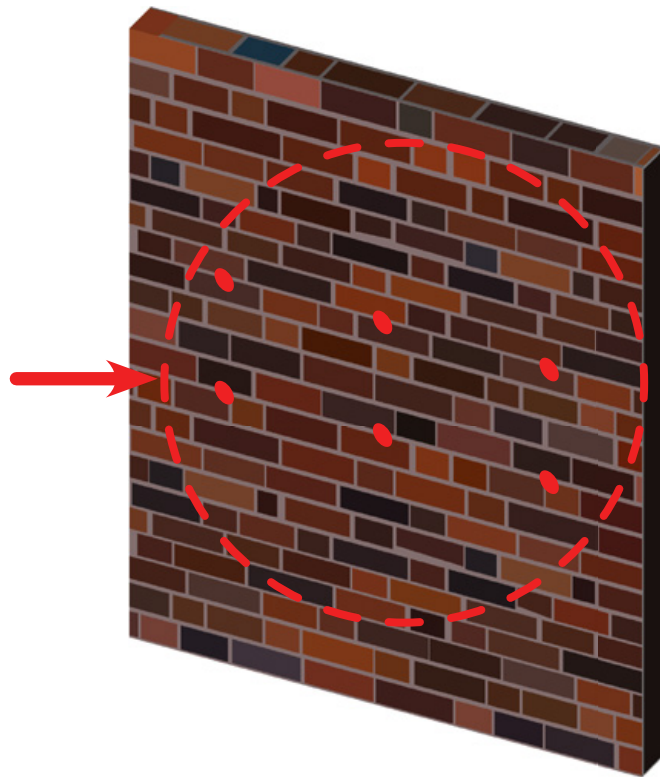
# WALL INSTALLATION

## Intro & Initial Setup

1. Drilling holes in the wall. Please use a 12 mm diameter drill bit. The dimensions are shown in the picture below



Drilling hole mark paper



### Note

ViewZ recommends user to make a paper which has drilling hole points before direct drilling. This job will help user to make exact hole position easily.

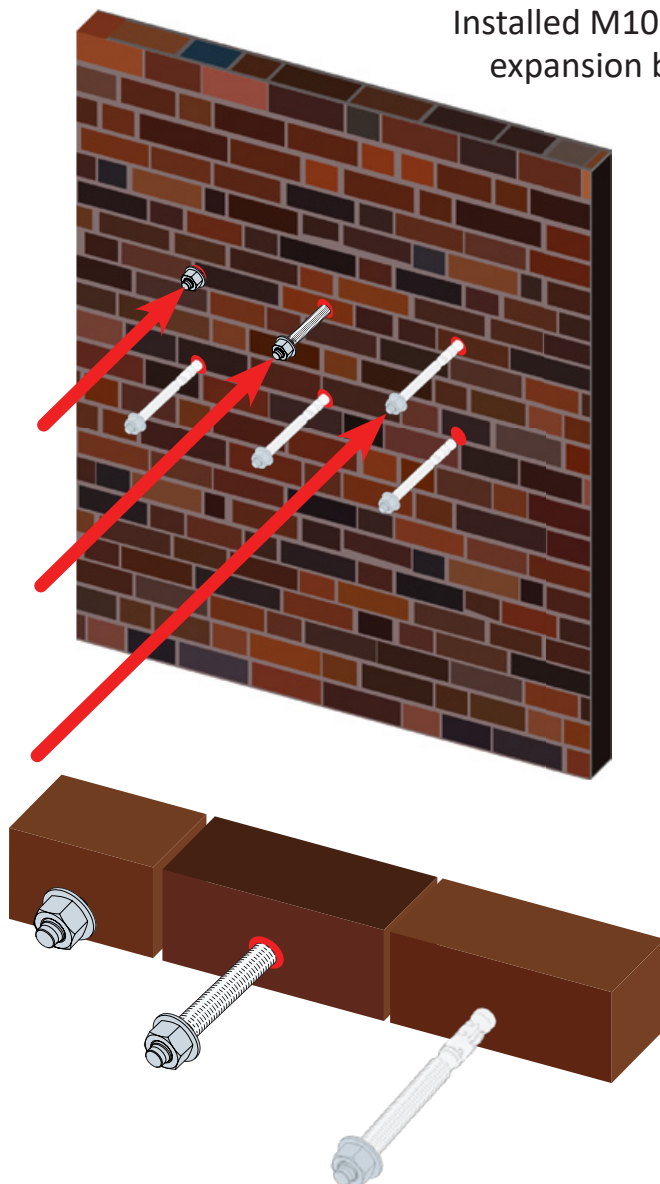
# WALL INSTALLATION

## Intro & Initial Setup

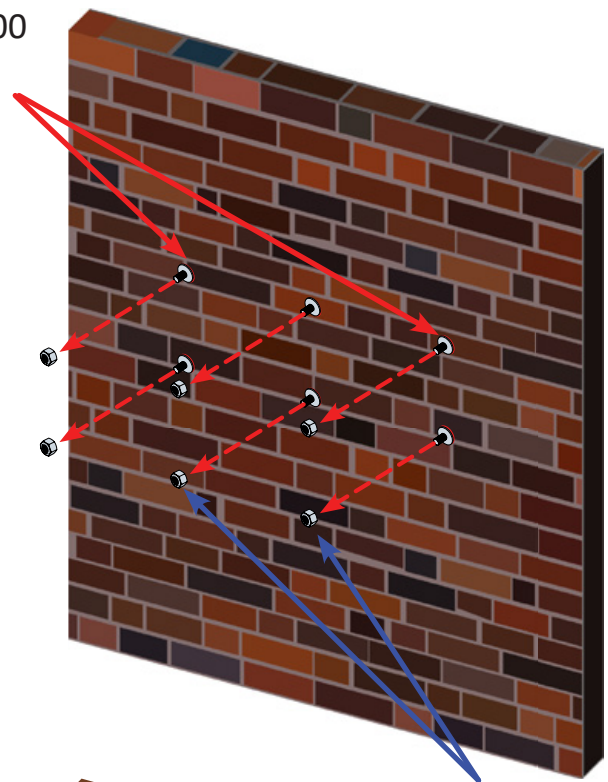
2. Install M10 x 100 concrete screws on the wall
3. After installing the expansion screw, remove the nut.



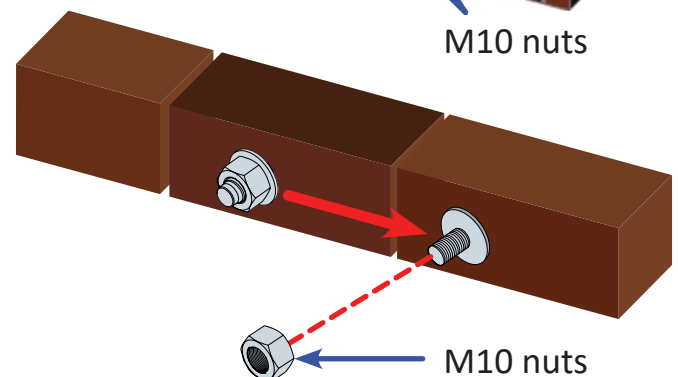
Installed M10 x 100  
expansion bolt



Install the screws



M10 nuts



M10 nuts

Remove nuts

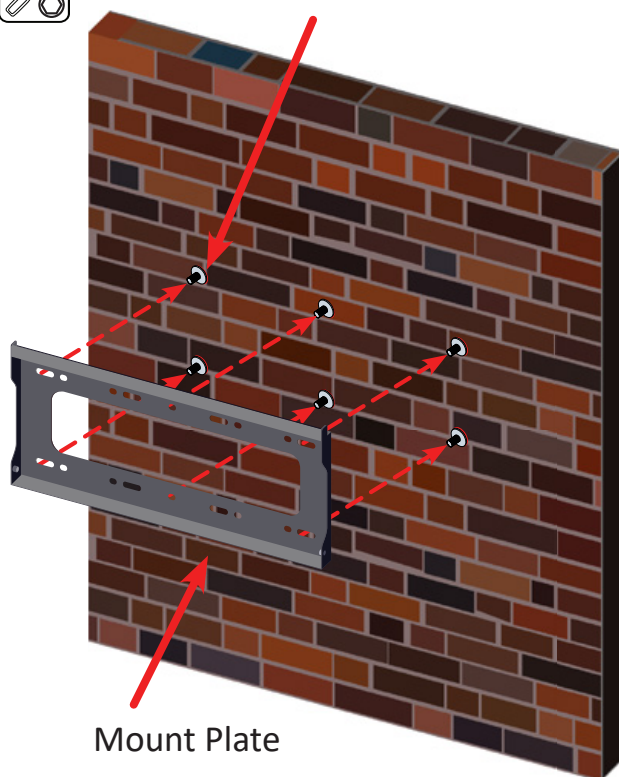
# WALL INSTALLATION

## Intro & Initial Setup

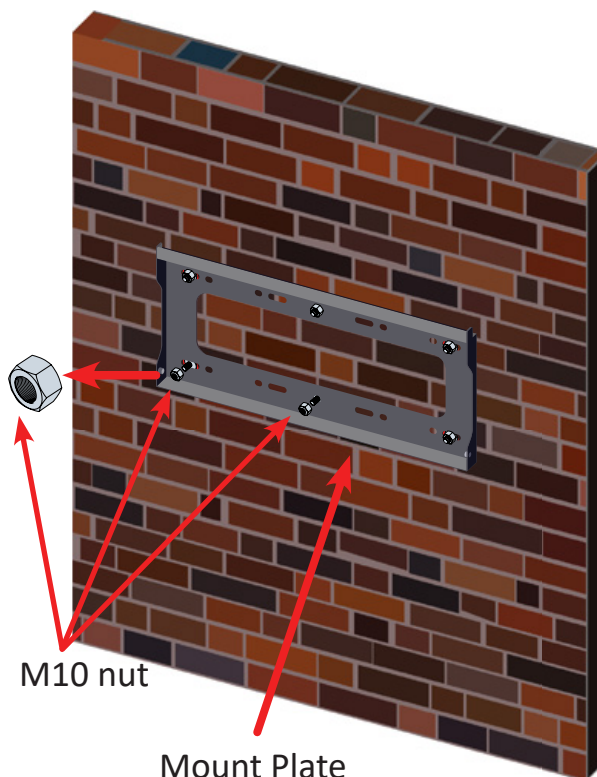
4. Install the mount plate
5. Align the mounting plate with the expansion bolts & tighten the nuts



M10 x 100 expansion bolt



Mount Plate



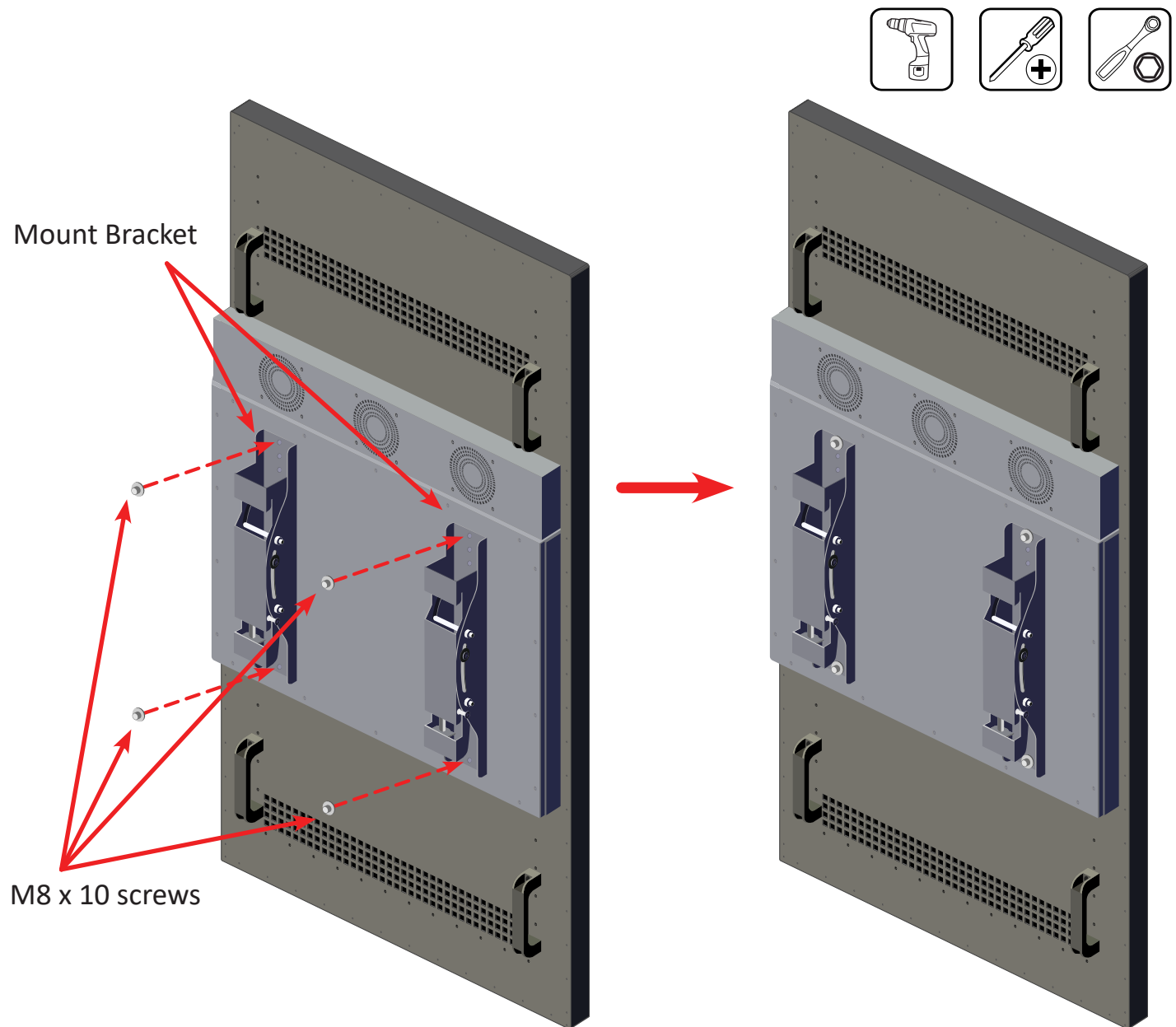
M10 nut

Mount Plate

# WALL INSTALLATION

## Intro & Initial Setup

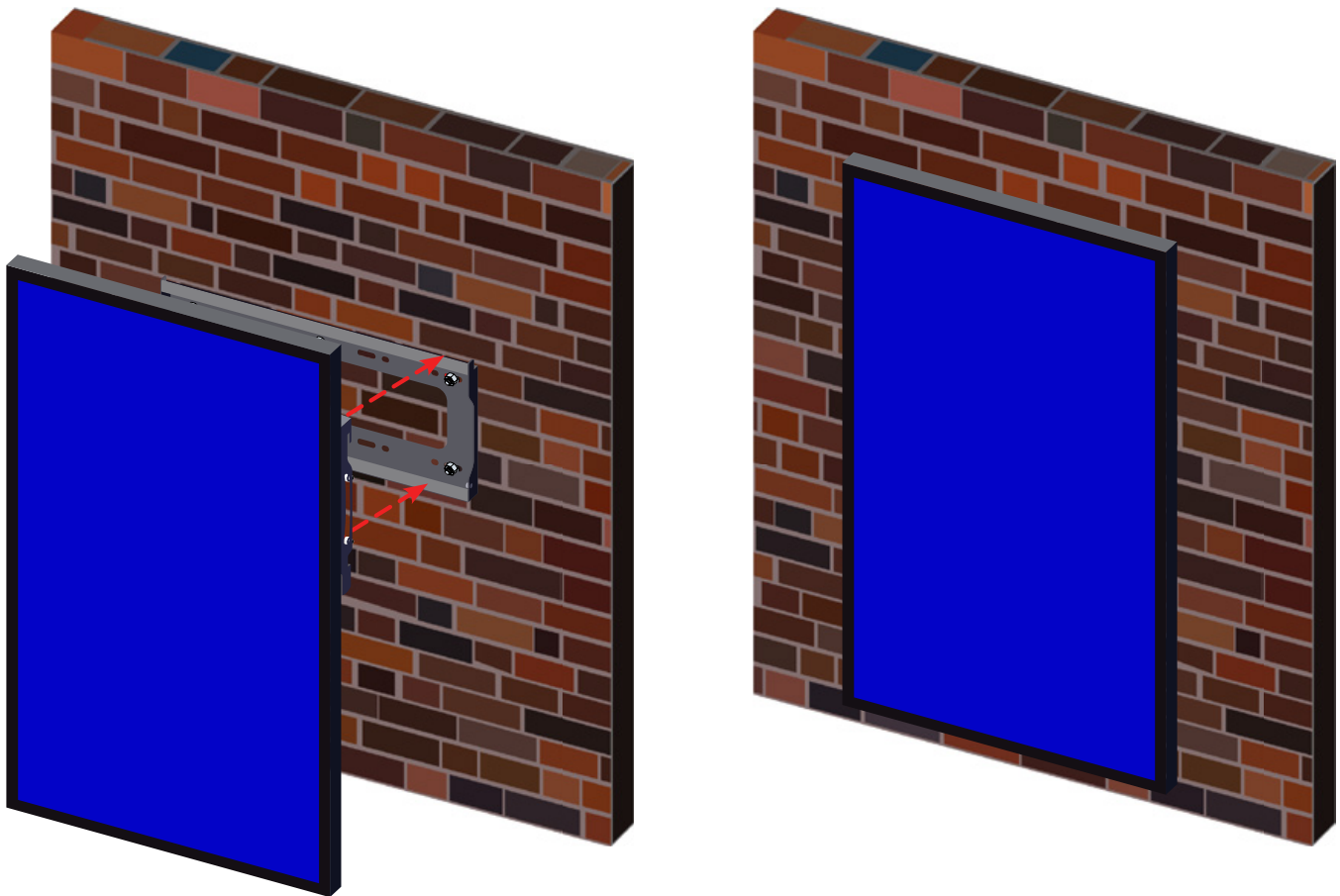
6. Attach wall mount brackets to the monitor which has VESA holes on the monitor back cover
7. The assembled monitor and mount brackets is shown in the below picture



# WALL INSTALLATION

## Intro & Initial Setup

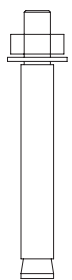
8. Connect the power supply before mounting on the wall and mount the screen on the wall
9. Check all details and turn on the monitor



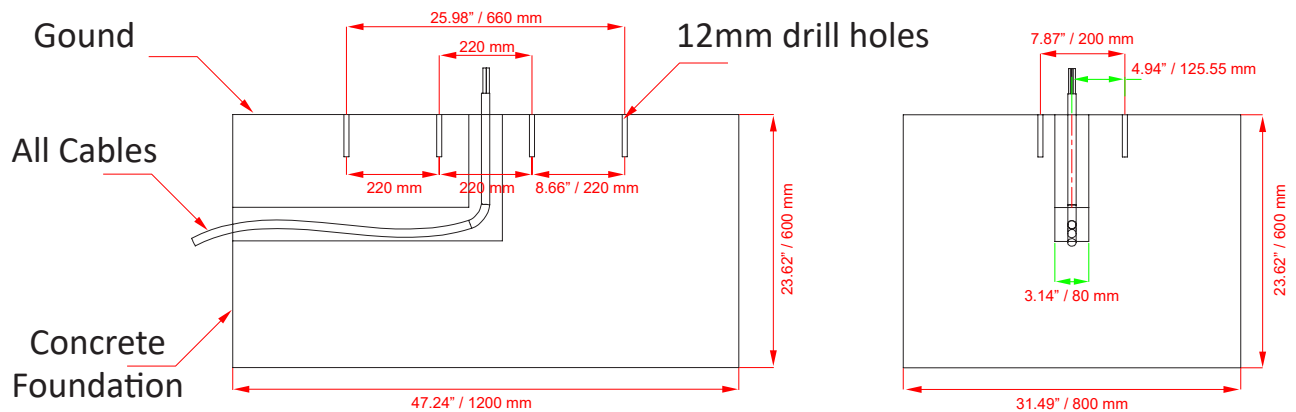
# GROUND INSTALLATION

## Installation Process for Totem Model

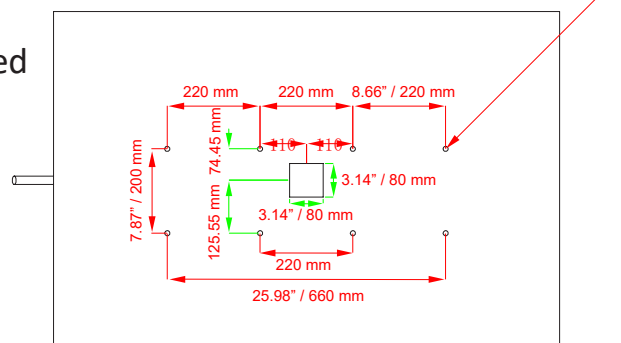
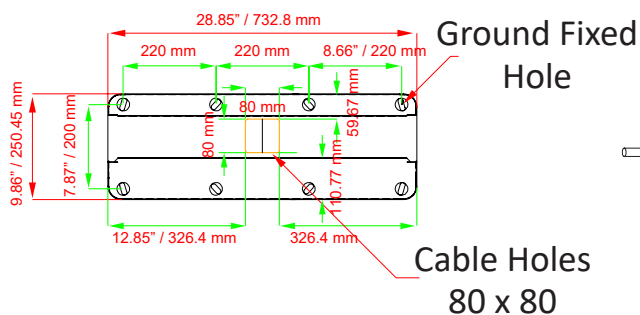
- Before the installation, user needs to make holes for installing expanded screws in pre-drilled concrete foundation



Set Screws  
M10 x 100 (8 pcs)



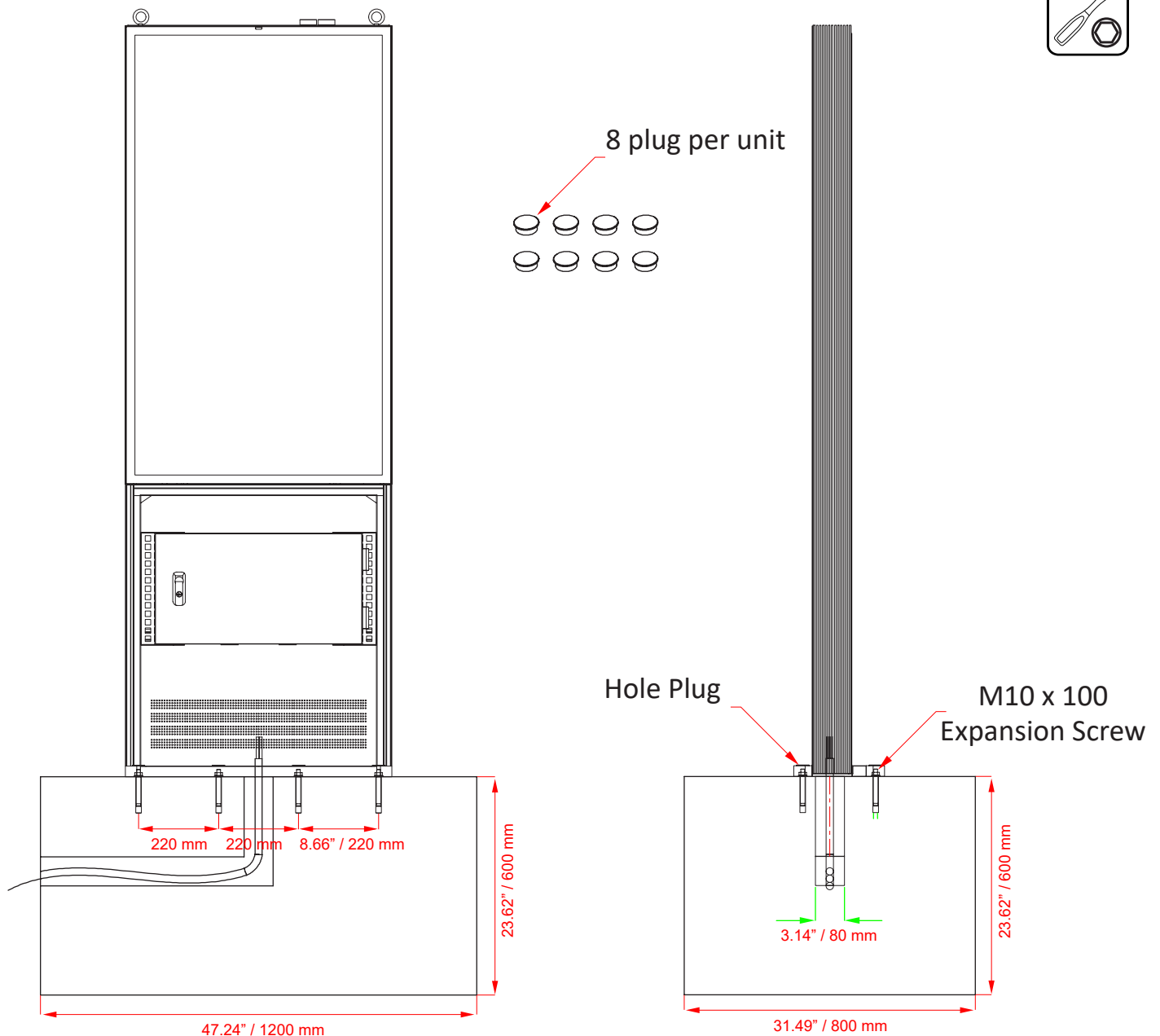
12 mm drill, ground bore for expansion screw M10 x 100



# GROUND INSTALLATION

## Installation Process for Totem Model

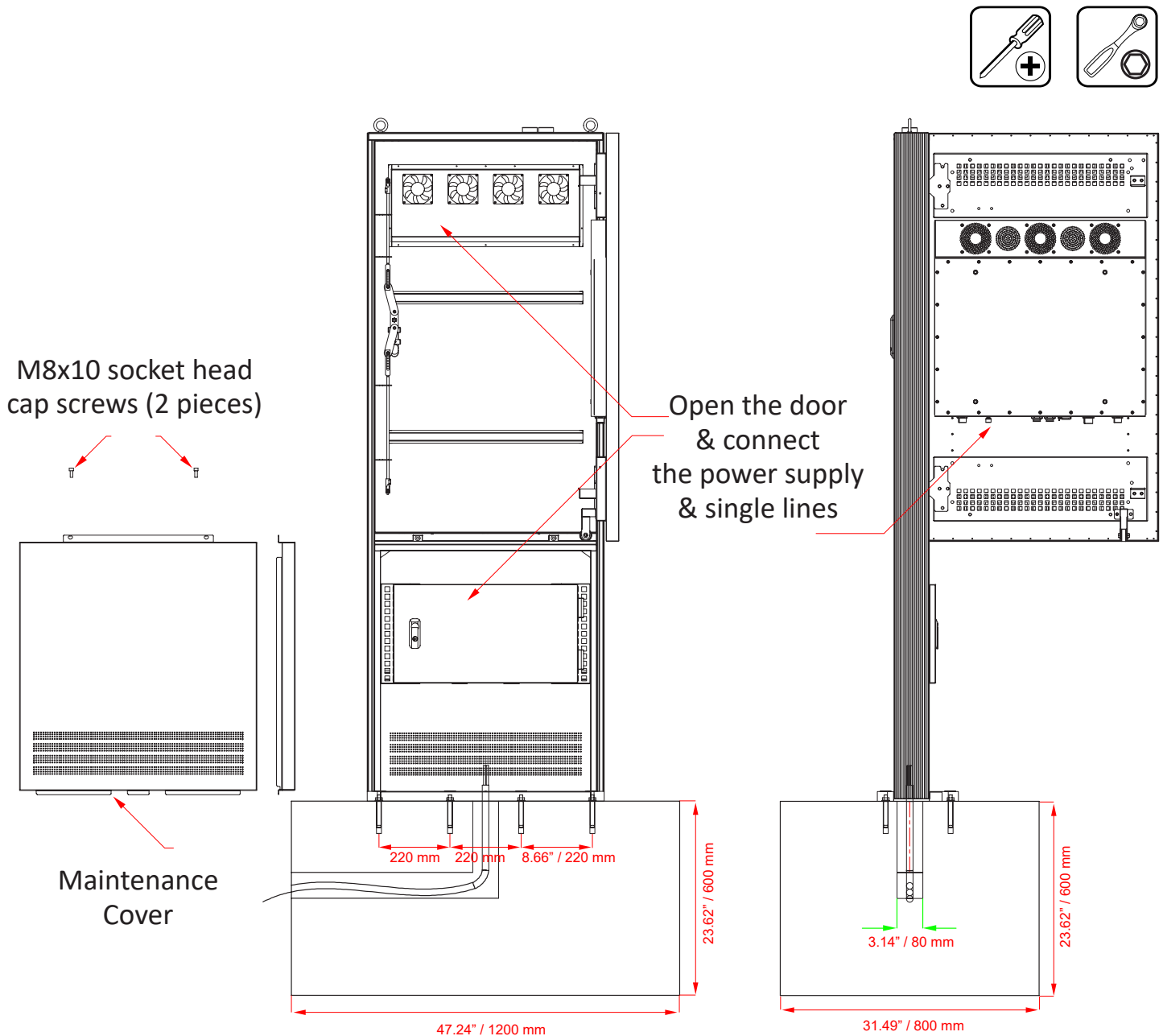
- The base fixing hole is installed at the ground expansion screw position and the hole is sealed with a plug



# GROUND INSTALLATION

## Installation Process for Totem Model

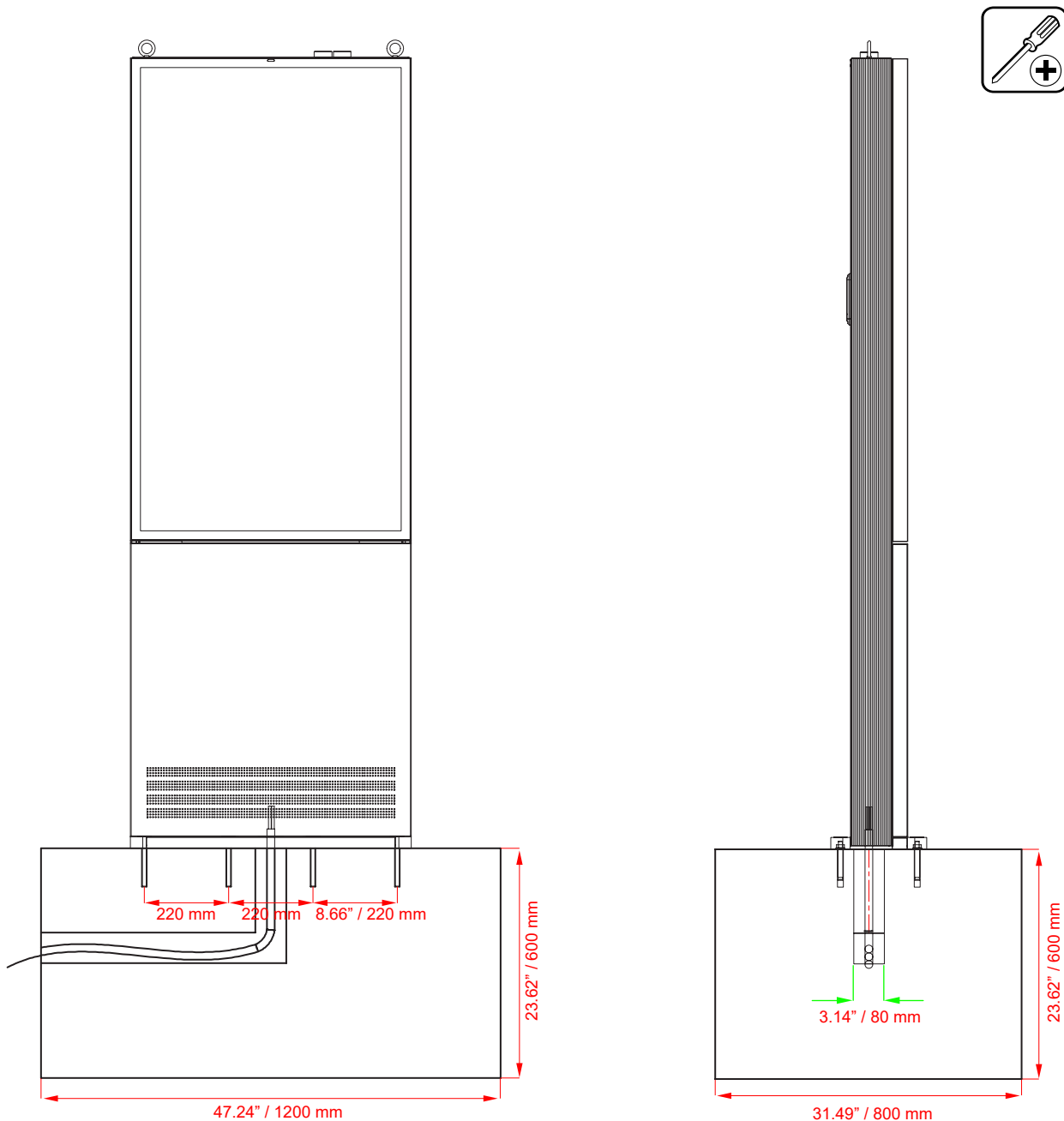
3. Check for omissions, lock the door and complete the installation



# GROUND INSTALLATION

## Installation Process for Totem Model

4. After the power supply and signal lines are connected, lock the maintenance cover plate with screws



## This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## NOTE

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

# WARRANTY

## Limited Warranty

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

ViewZ USA warrants this product to be free from defects in material and workmanship for 3 years to the original owner of this product. The limited warranty is valid only for the original purchaser of the product.

### What ViewZ USA Will Do

At their sole discretion, ViewZ USA will repair or replace any product or product part that is defective. If ViewZ USA 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

ViewZ USA disclaims any liability for damage to mounts, adapters, displays, projectors, other property, or personal injury resulting, in whole or in part, from improper installation, modification, use or misuse of its products.

ViewZ USA disclaims all other warranties, express or implied, including warranties of merchantability and fitness for a particular purpose. ViewZ USA is not responsible for incidental or consequential damages, including but not limited to, inability to use its products or labor costs for removing and replacing defective products or parts. Some states do not allow the exclusion or limitation of incidental or consequential damage, so the above limitation or exclusion may not apply to you.

### 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 USA Customer Service at 1-888-998-4399. Warranty claims will not be accepted over the phone or by fax.

ViewZ USA  
Attn: Warranty Claim  
1030 N ARMANDO ST., 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.

## Disclaimer

ViewZ USA intends to make this manual accurate and complete. However, ViewZ USA makes no claim that the information contained herein covers all details, conditions or variations, nor does it provide for every possible contingency in connection with the installation or use of this product. The information contained in this document is subject to change without notice or obligation of any kind. ViewZ USA makes no representation of warranty, expressed or implied, regarding the information contained herein. ViewZ USA assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

## Contact Us

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Fax: 1-714-996-1138

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Fax: (001) 714-996-1138