



Versi Outdoor Single Kiosk

Installation Manual



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Package Contents

Package Contents

Your Versi Outdoor Dual Kiosk will arrive in 4, 5, or 6 boxes, depending on the options ordered:

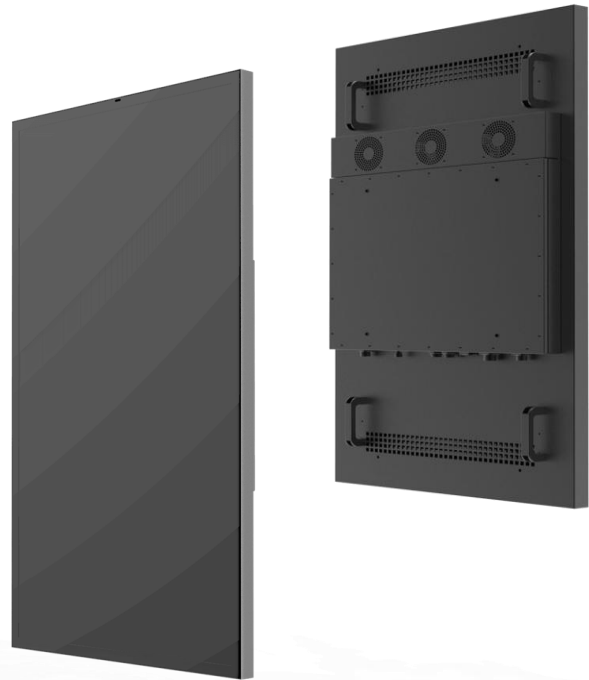
Standard Kiosk: 4 boxes

With One Camera or LED bars: 5 boxes (Optional)

With One Camera and LED Bars: 6 boxes (Both optional)

Standard Kiosk (4-box shipment)

1x Versi Outdoor Displays



1x Frame for display



Contents

Base Bar



Bottom Base



USB female to female bulkhead outdoor extension and USB male to male outdoor extension



1 or 2 Outdoor AI camera with microphone with bracket and screws
(Optional)



Outdoor LED bars, control box and remote control
(Optional)



Each Outdoor Display comes with:

Single RJ45 Coupler, remote control, waterproof cables: AC, HDMI, Male DC 5.5mm barrel connector, and male RJ45



Contents

Hardware Contents (Screws, Caps, Plugs and Anti-slip Nuts)

For the Base

M10x100 Expansion Screws



Plastic/ Rubber Caps



For Base Bar

M8x40 Hexagon Screws – to attach the base bar to bottom base.



For Frames

M8x20 Hexagon Screws to attach frame with the base bar.



Small rubber plugs to be used on the sides of the kiosk if the LED bars were not installed.



Tools Required

Tools Required

Below are the tools that may be required during your installation.

Hammer drill or screwdriver kit with adjustable torque/speed



Drill bits



Socket set



Security Torx Allen Key (Provided)



Allen Head Set or Allen Keys Set



Assorted screwdrivers



Instructions



Instructions

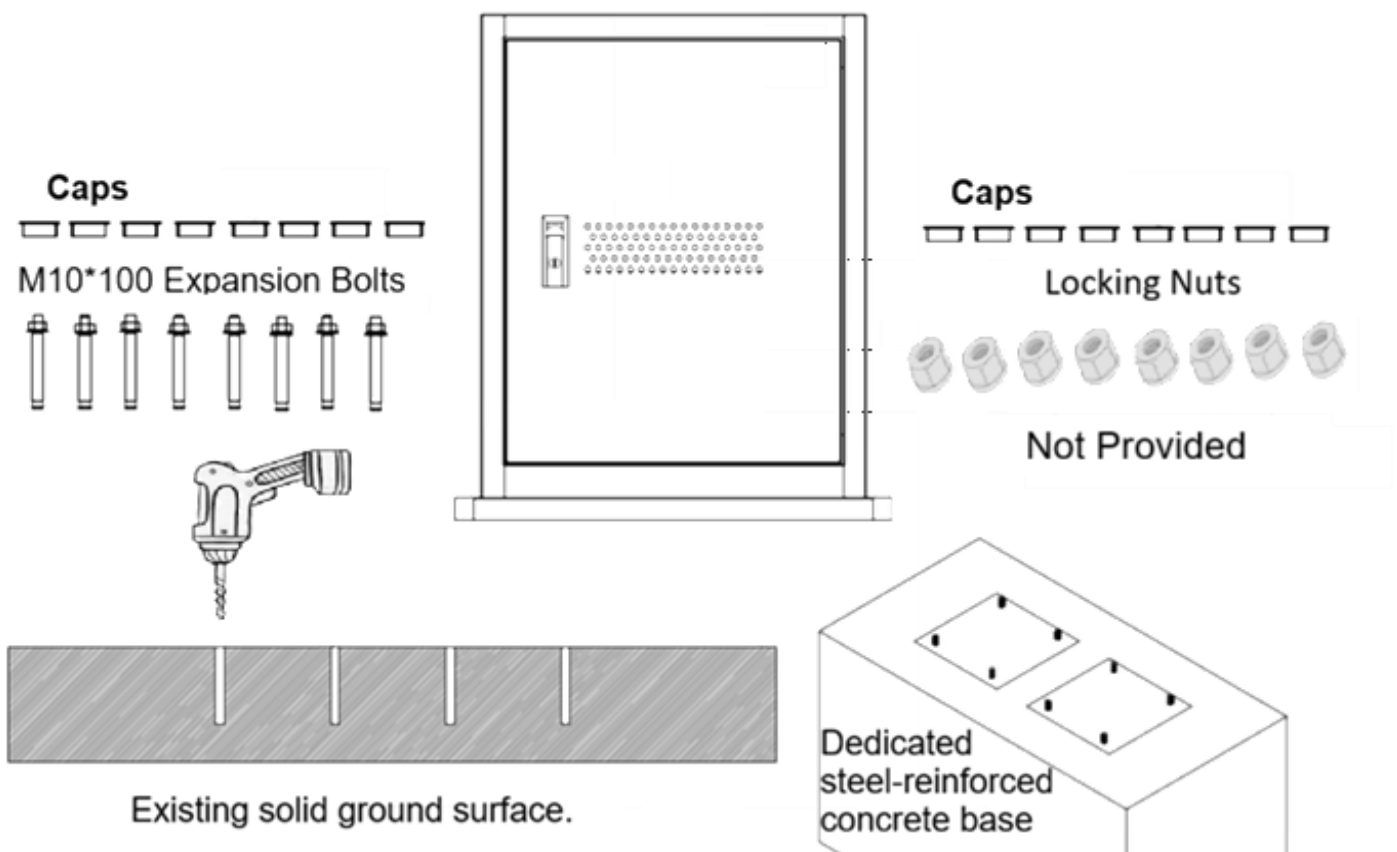
Before securing the base, verify power and data connections are properly routed to your prepared installation area, and the main power is off.

You can secure the kiosk using one of two methods:

1. **Direct Surface Mounting:** Bolt the kiosk directly to a pre-existing solid surface using the included expansion bolts.
2. **Concrete Foundation:** Mount the kiosk onto a dedicated concrete foundation using threaded studs, securing it in place with locking nuts.

Selection should be based on your site's conditions, ground stability, and overall project needs. Please refer to Foundation and Anchoring Options for more details.

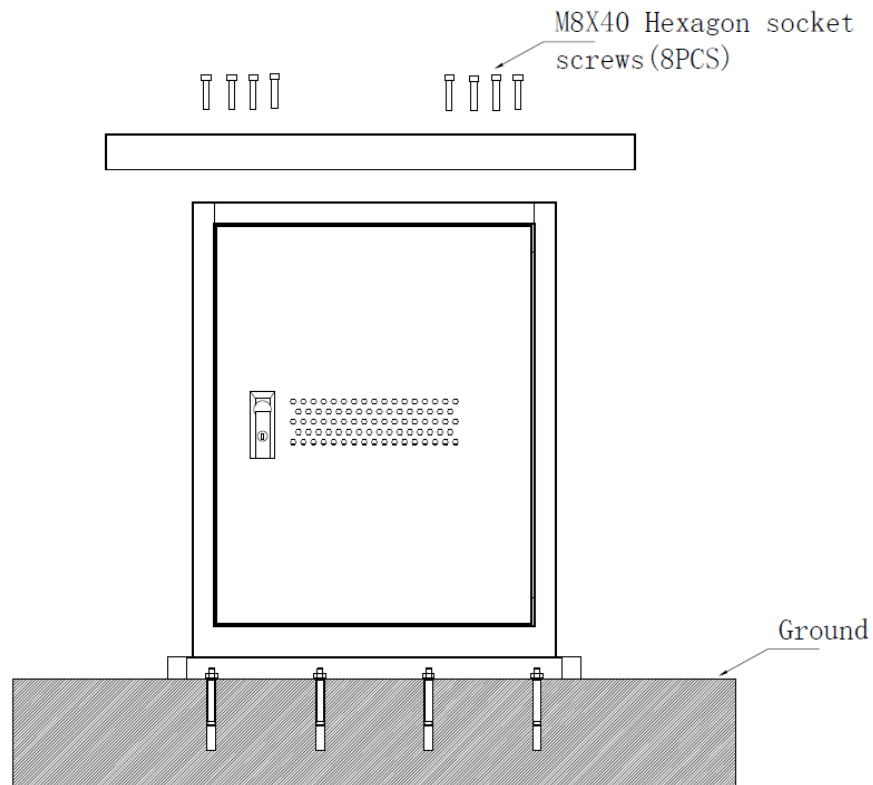
Once the base is securely anchored and the power and data cables have been routed inside, install the protective caps over the exposed bolt holes.



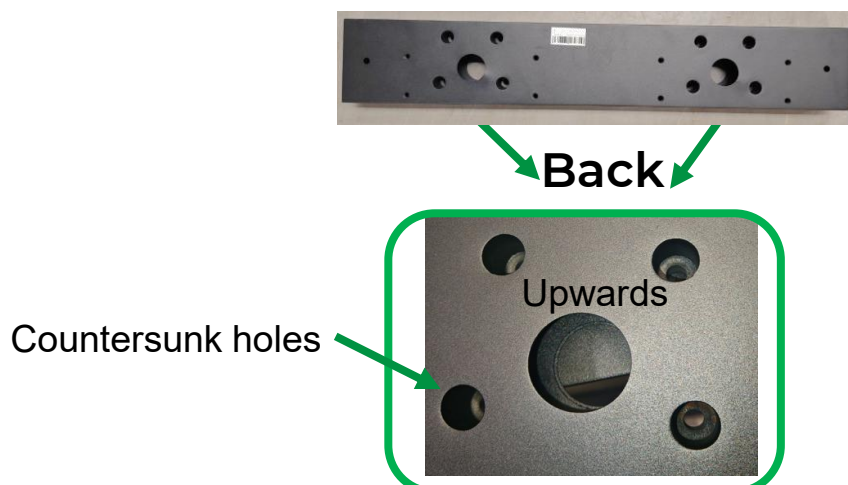
Instructions

Base Bar Installation

Once the base is prepared, attach the base bar and fasten it securely using the eight M8x40 screws. Important: Ensure the bar is oriented correctly before tightening. The front of the bar is the side with the closely spaced holes, and the countersunk holes must be facing upward. (See images below)



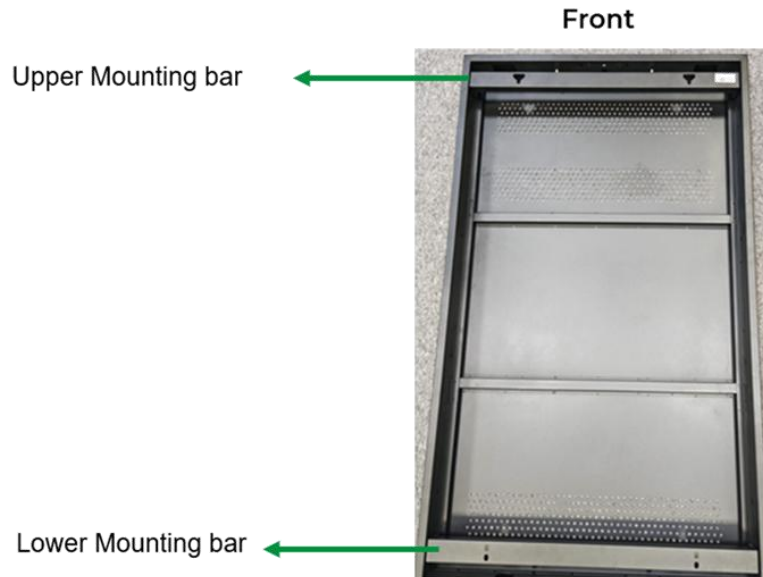
Orientation Check



Instructions

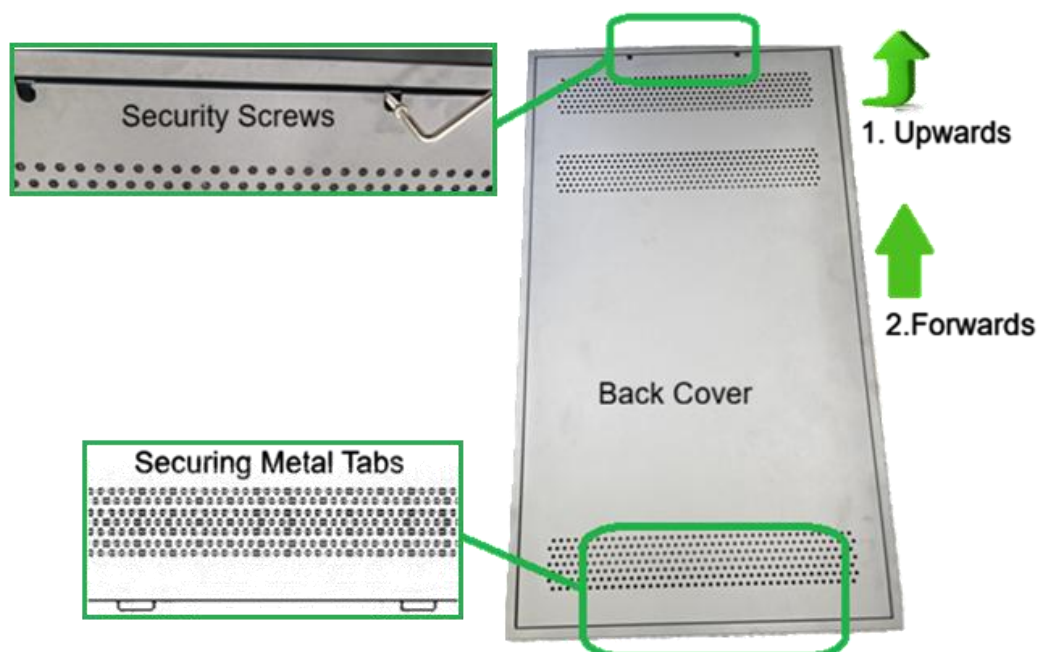
Frames Installation on the Base Bar:

Next, install the display mounting frame onto the base bar. The frame is delivered fully assembled, as shown below. During installation, ensure the upper and lower mounting arms face the front of the kiosk, as these will hold the display.



To begin the frame installation, first remove the back cover:

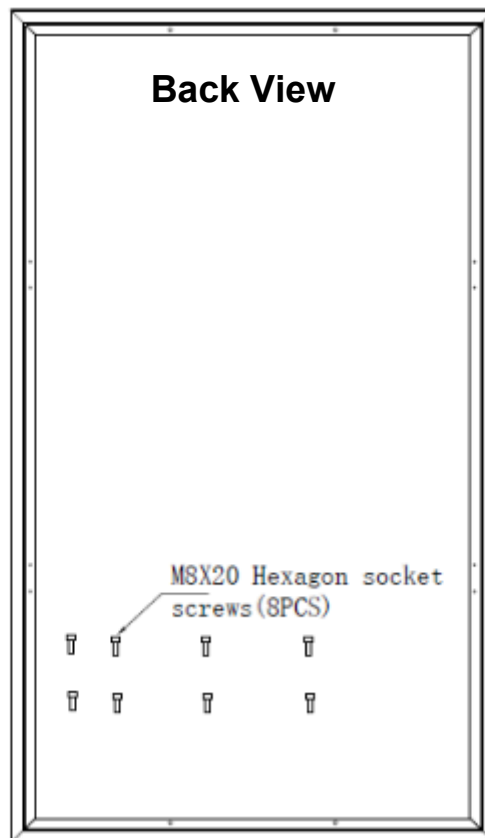
1. Lay the frame flat on a soft surface with the back cover facing.
2. Using the provided security Torx key, unscrew the two security screws at the top of the frame.
3. Pull the cover upward then forward to release the bottom metal tabs from their retaining slots and completely removing the cover.



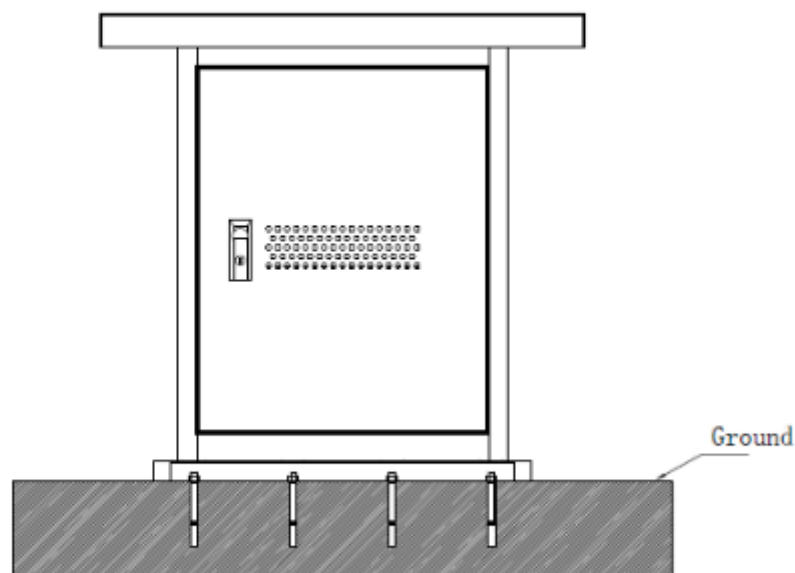
Instructions

4. With the back cover removed, have a second person help you lift the frame onto the base bar. Ensure the display mounting bars are facing the front of the kiosk.
5. Align the display frames with the corresponding holes on the base bar.
6. Use eight M8x20 screws to attach the frames to the base bar, as shown in the image below

Note: To prevent misalignment, insert and hand-tighten all screws first. Once all the screws are properly aligned, fully tighten the hardware to ensure a rigid and stable structure.

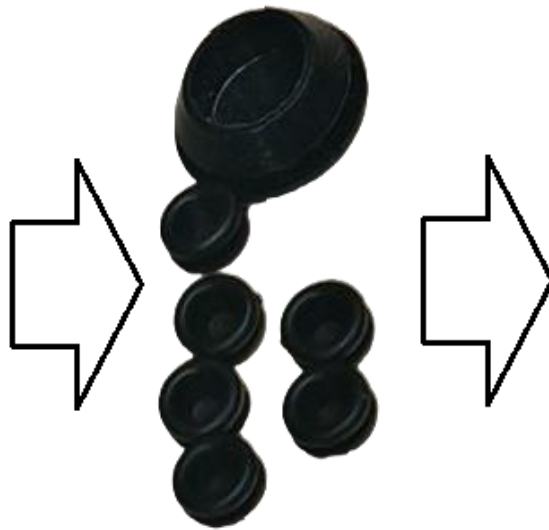


Base Bar



Instructions

The top of the frame features a cable entry point and multiple pre-drilled holes for the optional camera and microphone module. If you are not installing this module, please seal the holes using the provided rubber plugs, as shown in the images below.



Instructions

Display Installation

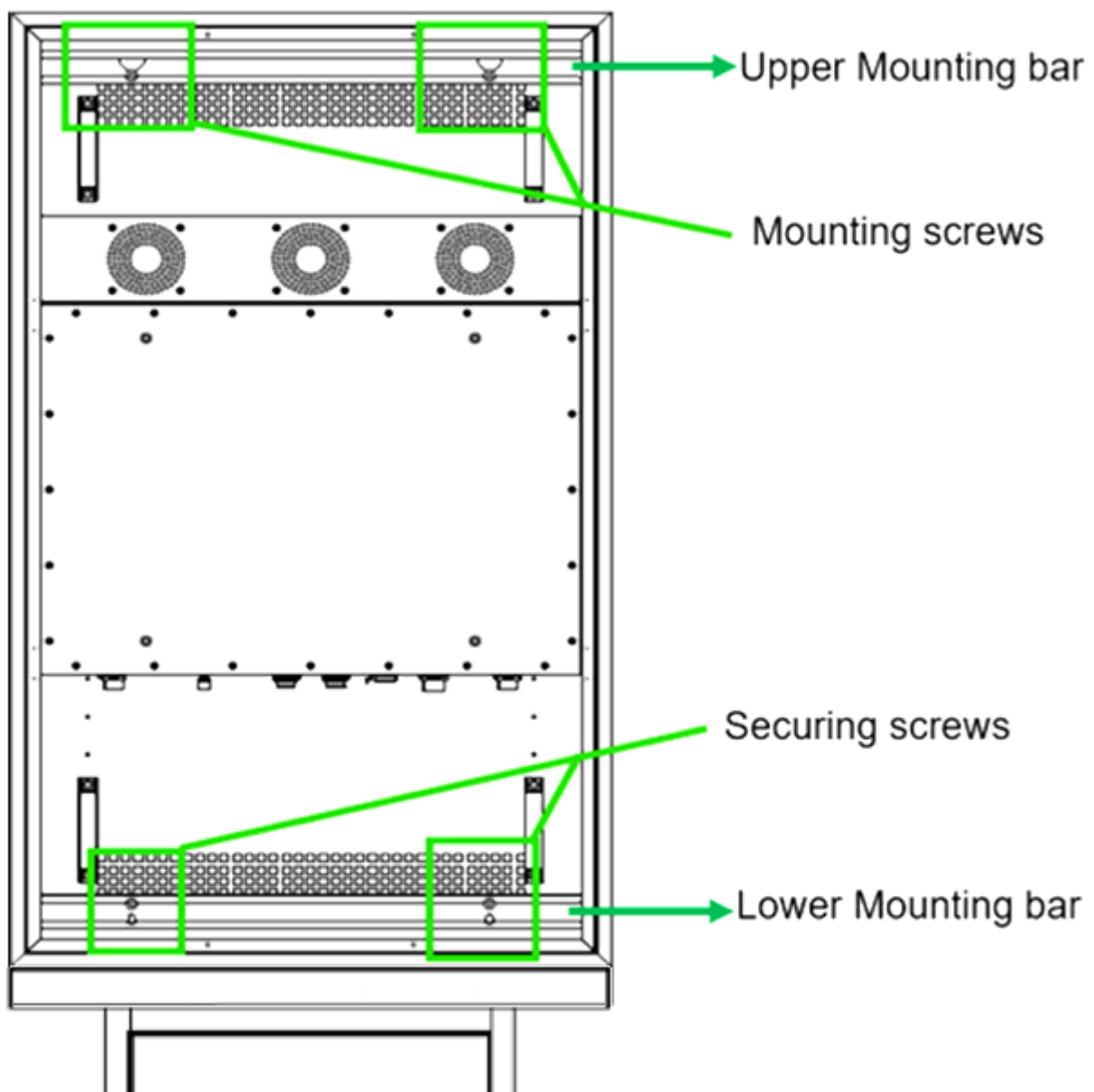
Now you need to install the display

1. Lay the displays flat on a soft surface.
2. Partially loosen the two pre-fitted M8x10 screws on the upper back of each display, as shown in the image below (Yellow arrows). Note: Do not loosen them too much, as these screws will be used to support the weight of the screen.
3. Completely remove the pre-fitted M8x10 screws from the lower back of each display (Red arrows).



Instructions

3. With the help of a second person, carefully lift the display using the handles at the back.
4. Align the partially loosened upper screws with the mounting holes of the upper mounting bar and securely hook the display on the bar.
5. Once the screen is resting firmly on the upper bar, re-insert the two lower M8x10 securing screws you removed earlier.
6. Fully tighten all four screws (two at the top, two at the bottom) to ensure the display is secure and stable.



Instructions

5. Feed the AC waterproof connector and power cables and up through the internal channels of the bottom base, base bar and the display frames and connect them to the water-proof AC inputs of the displays.
6. Do not plug the display power cables into the internal sockets yet. The main site power must first be connected to the internal circuit breaker by a qualified electrician. You will plug the displays into the universal base sockets only after the main electrical supply has been safely established (Refer to the next section for details).



5. Connect all required waterproof cable connectors to the displays such as USB cables and DC out if you have other devices or accessories attached to the kiosk such as the optional camera and microphone module.



5. Connect any Wifi/4G antennas and the RJ45.

Instructions

Waterproof Female-to-Female USB Extension:

The base includes a female-to-female USB bulkhead extension and a male-to-male outdoor USB extension cable. These allow you to connect external USB devices to the display or extend your cables while maintaining a waterproof seal. Please refer to the images and the instruction below .

Quick guide to extend the waterproof USB cable:

To connect two male USB cables using the IP68 waterproof housing:

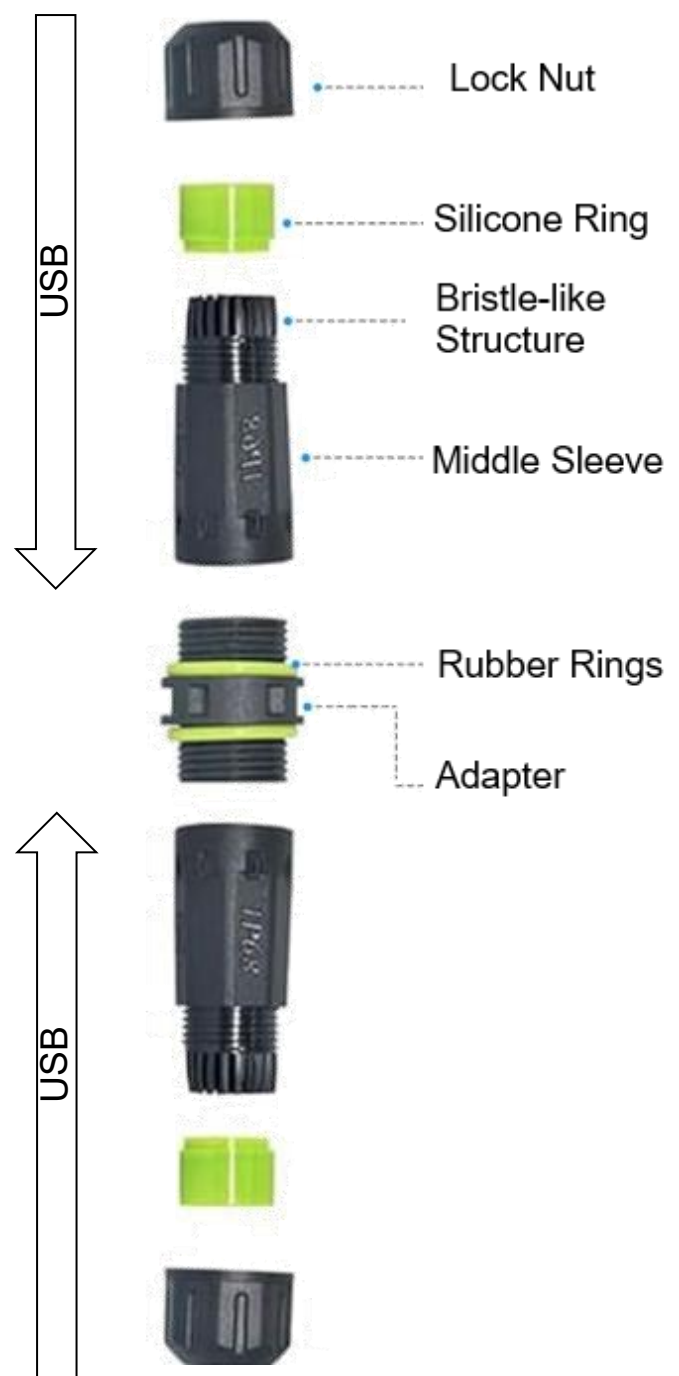
- Slide onto each USB cable in this order: Lock Nut, silicone ring and middle Sleeve.
- Connect the two male USB cables to the adapter's female ports.
- Slide the middle sleeves toward the center and thread onto the adapter to seal.
- Push the silicone rings (along with the USB cable) into the back openings of the middle sleeves (bristle-like structure).
- Thread on lock nuts and hand-tighten until the seals are snug (do not overtighten).

Tips

Hand-tighten only; avoid tools to prevent damage.

Verify cable outer diameters seal properly with the Silicone Rings.

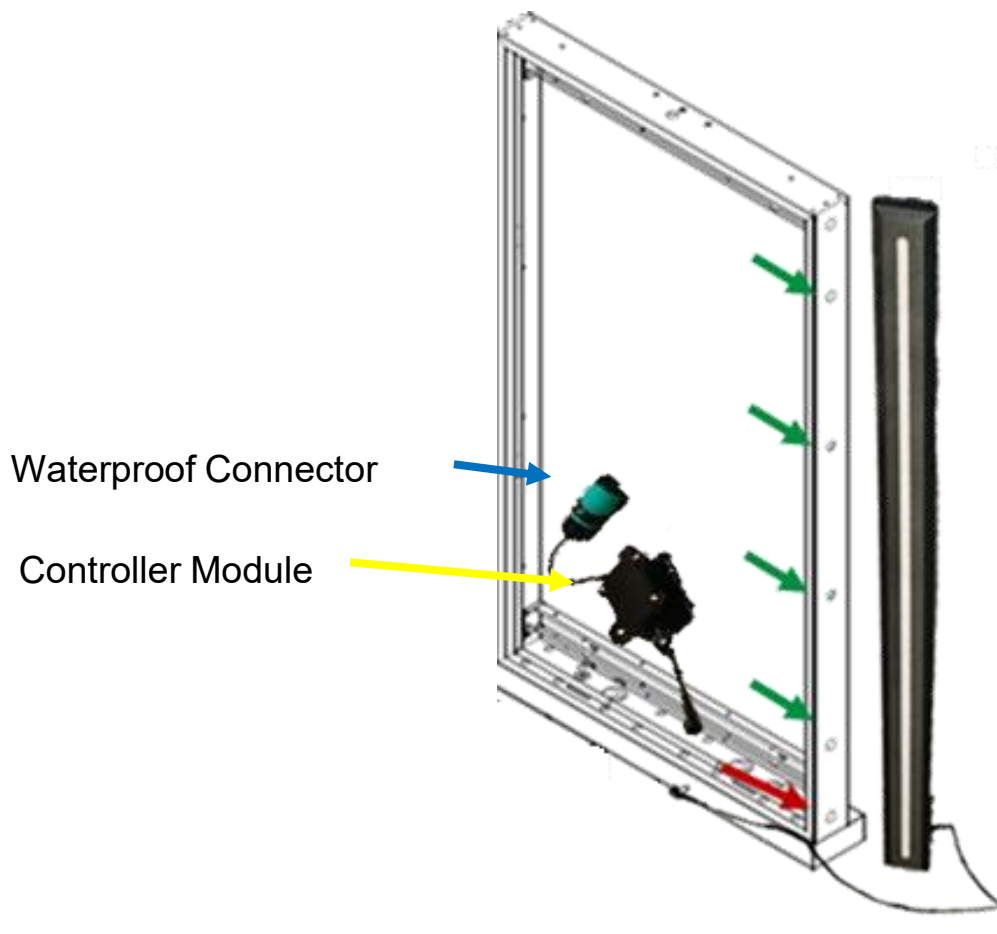
To disassemble, reverse steps and loosen Lock Nuts first.



Instructions

LED Bars Installation (Optional)

If your kiosk includes the optional LED bars, they can be installed onto the sides of the frame at this time. Secure each bar using four M8x20 screws (marked with a green arrows). Next, route the LED cables through the designated entry points (marked with red arrow in the image below). Connect both LED cables to the provided controller module (marked with a yellow arrow). Finally, plug the controller's waterproof power connector (marked with a blue arrow) into the 12V DC waterproof output on one of the displays.



12V DC Output at the back of the display

Instructions

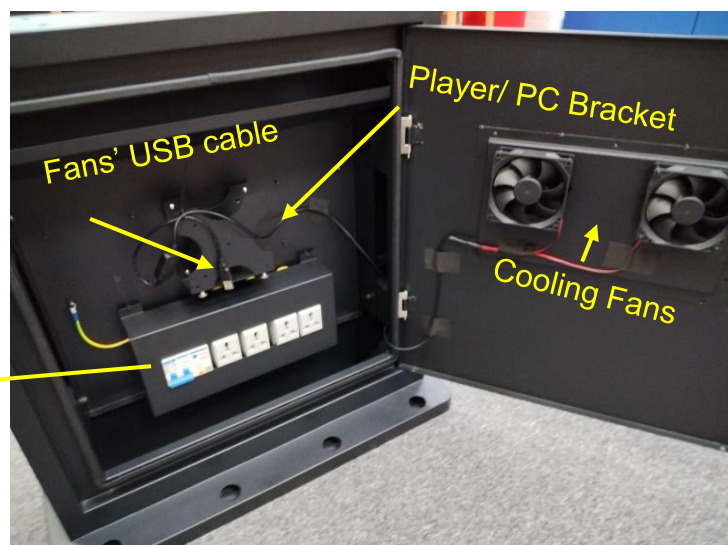
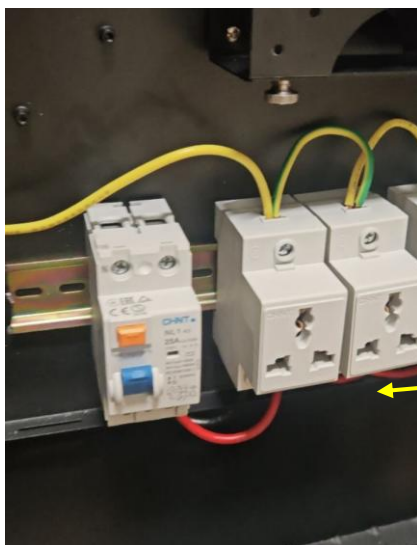
Connecting the Power



For safety, ensure the main power source is switched off before beginning.

Once the power cable is routed through the base of the kiosk into the lower cabinet, unscrew and remove the faceplate of the internal power distribution panel. This panel houses the circuit breaker and multiple electrical outlets. Connect the incoming power cable directly to the circuit breaker and the kiosk's designated earth terminal.

Important Note: This electrical connection must be performed by a certified electrician. The electrician must ensure the power cable is appropriately rated for outdoor use, complies with all local building codes, and is adequately sized to support the total electrical load. While the total load varies depending on connected auxiliary devices, please note that the maximum power consumption for each display is 240W.



Instructions

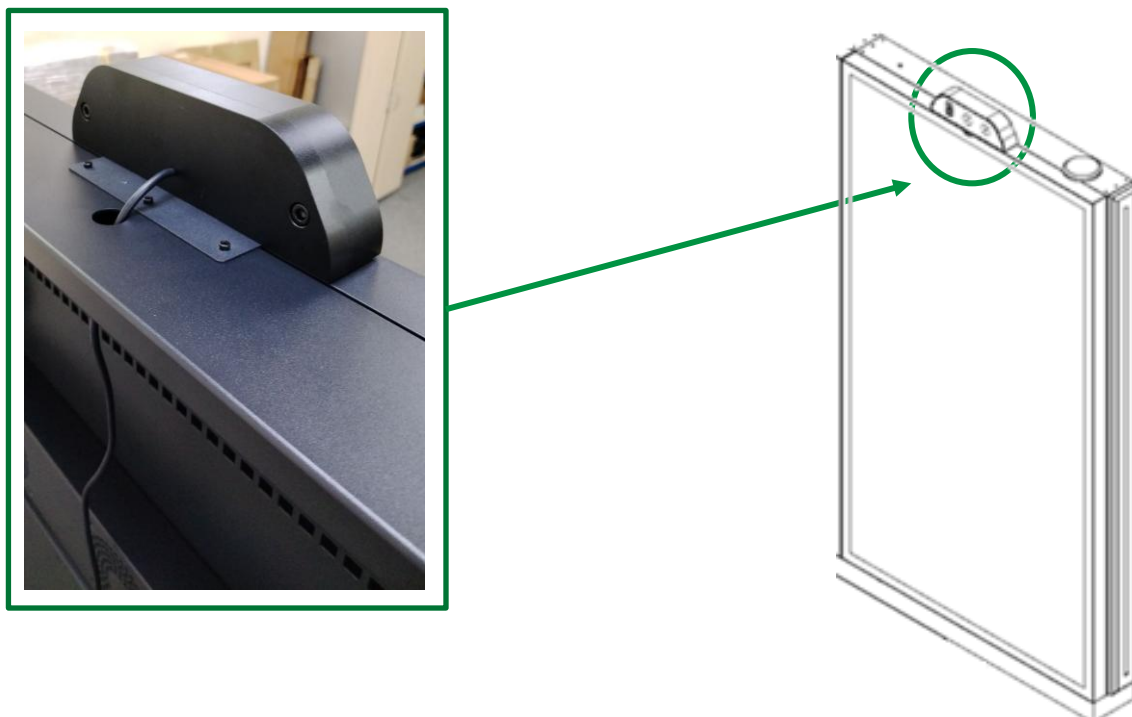
PC or Media Player Installation: If your setup requires an external PC or media player, secure the device inside the cabinet using the bracket located in the designated mounting area (See image in page 18). To connect the player, use the weatherproof HDMI cable supplied with the unit. Once connected, route the cables upward toward the displays by passing them through the cable management channels located on either the sides or the centre of the cabinet. Utilize the various cable entry points on the cabinet, frame, and base bar to route cables and to keep the wiring organised and secure.

4G Modem and Antenna Installation

If using a 4G modem: Mount the modem on a bracket inside the bottom base enclosure, then route the modem cables upwards, through the cable management section, to the displays' waterproof ports and the kiosks antenna.

Installing the optional Camera and Microphone Module

The camera and microphone module can be attached to the top of the kiosk using the provided angle bracket and screws. Once mounted, thread the cables through the designated cable entry at the top of the unit, as shown in the images below. Please note that while routing cables through the top, the kiosk's IP66 dust and waterproof design ensures that any water entering through these cable entries is safely channeled away from sensitive electronics and allowed to drain out of the unit.

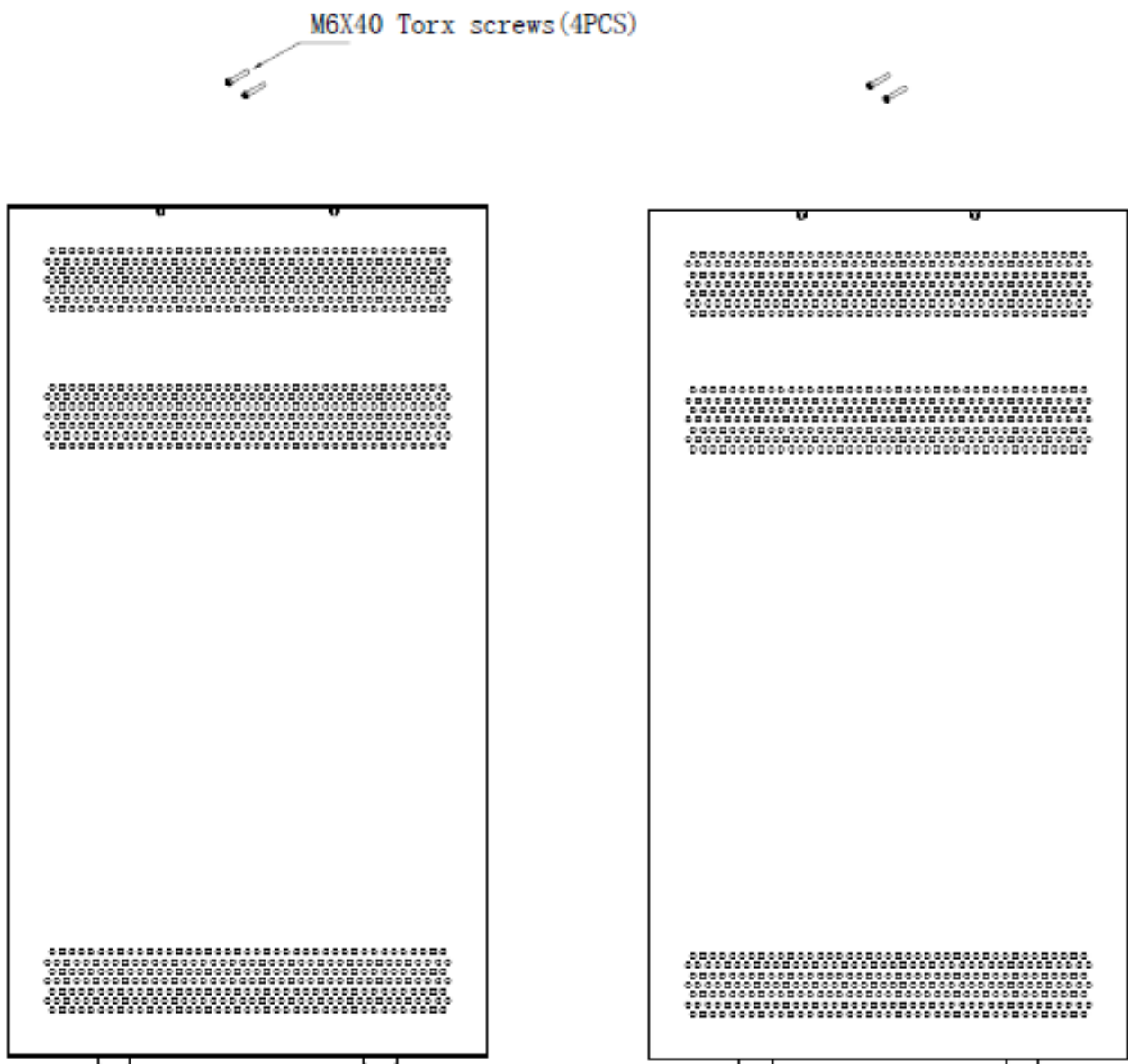


Instructions

Installing the Back Covers

Finally, power on the kiosk and perform a post-installation check to ensure everything is functioning correctly. Once testing is complete, you can install the back covers.

Begin by inserting the securing tabs at the bottom of the cover into the slots on the kiosk frame. Next, push the top of the cover flush into the frame. Finally, secure the covers in place by inserting and tightening the Security Torx screws at the top of the frame using the provided security tool.



Weather Protection and Ventilation Overview



Weather Protection and Ventilation Overview

The displays within the kiosk feature an IP66 weather-resistance rating, signifying that they are completely dust-tight and protected against powerful water jets from any direction. They are specifically engineered to operate flawlessly in demanding, wet, and dusty environments.



To further protect the hardware, the internal architecture of the kiosk enclosure is designed to safely channel any water that enters the kiosk away from sensitive electronics and allows the moisture to drain harmlessly out of the enclosure.

Furthermore, the unit utilizes an engineered ventilation system that maximizes natural airflow to keep the internal components cool. This efficient thermal management extends the lifespan of the display equipment without compromising the kiosk overall weather resistance.

Foundation and Anchoring Options



Foundation and Anchoring Options

Two anchoring methods are available for the Versi Outdoor Dual Kiosk:

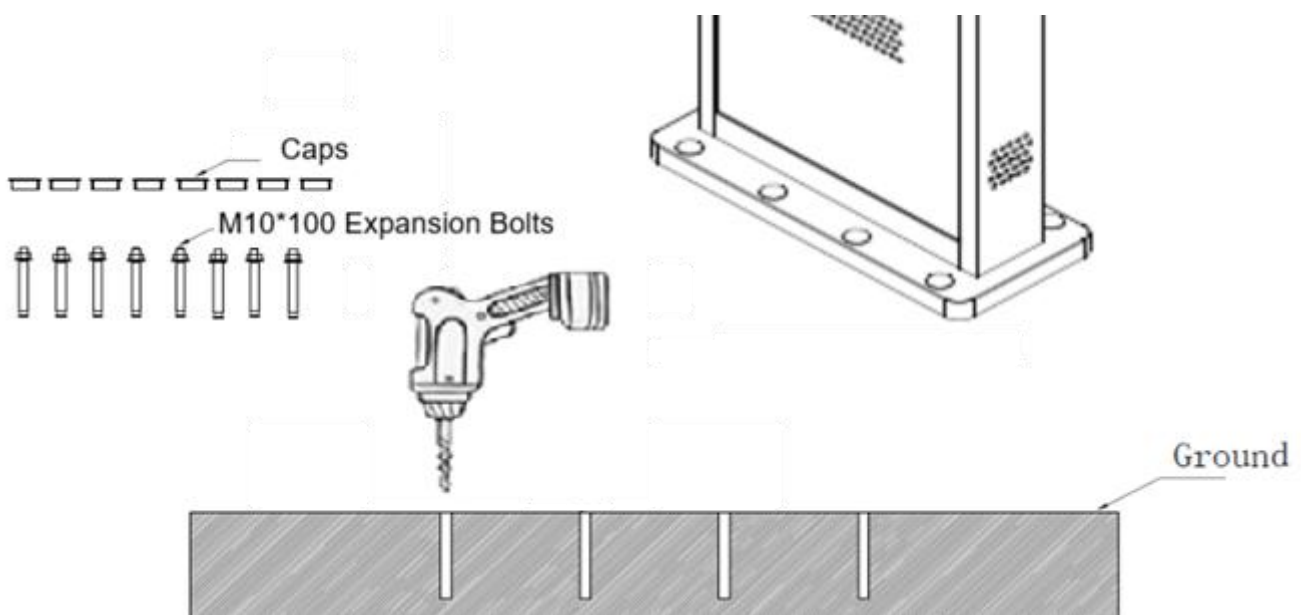
1. Direct bolt-down to an existing solid ground surface.
2. Installation of a dedicated steel-reinforced concrete base.

Each method has specific design and installation requirements outlined below. Contractors should select the appropriate method based on site conditions, ground stability, and project specifications:

Method 1: The kiosk can be fixed by direct bolt-down to an existing solid ground surface such as a reinforced concrete slab. The mounting surface must be level, clean, and capable of supporting the kiosk's static and wind-load forces.

Steps:

- Position and align the kiosk base over the slab.
- Mark the positions of the center of bolt holes.
- Drill a precise suitable eight holes for M10 x 100 expansion anchor bolts.
- Secure the base with the expansion anchor bolts.
- Cover the base holes with the silicon caps.



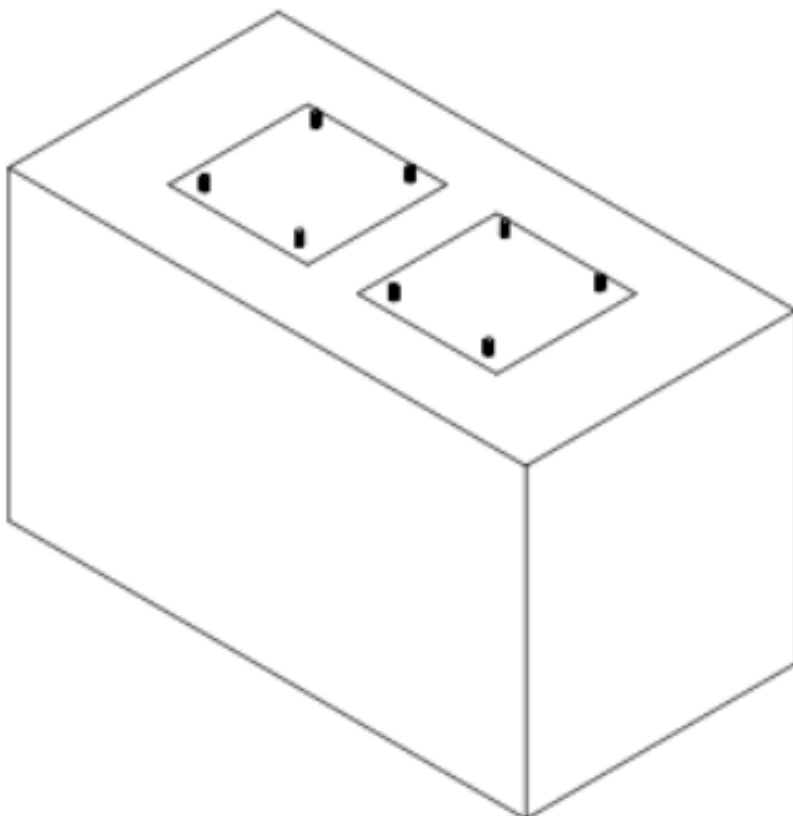
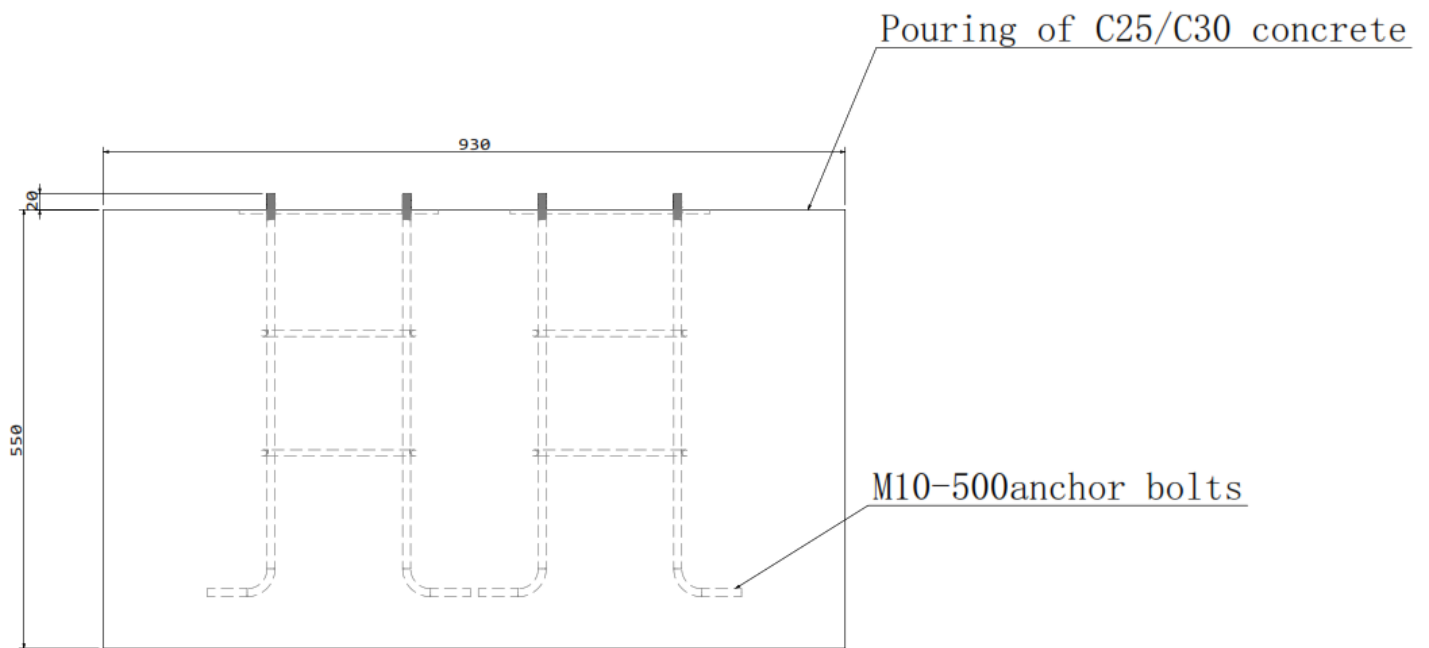
Important Notes

When utilising your existing concrete or solid ground, the surface should be robust enough to comfortably support the kiosk's static weight and local wind loads over time. We highly recommend having a qualified local professional perform site-specific assessment to verify that your current concrete is the perfect match for a secure installation.

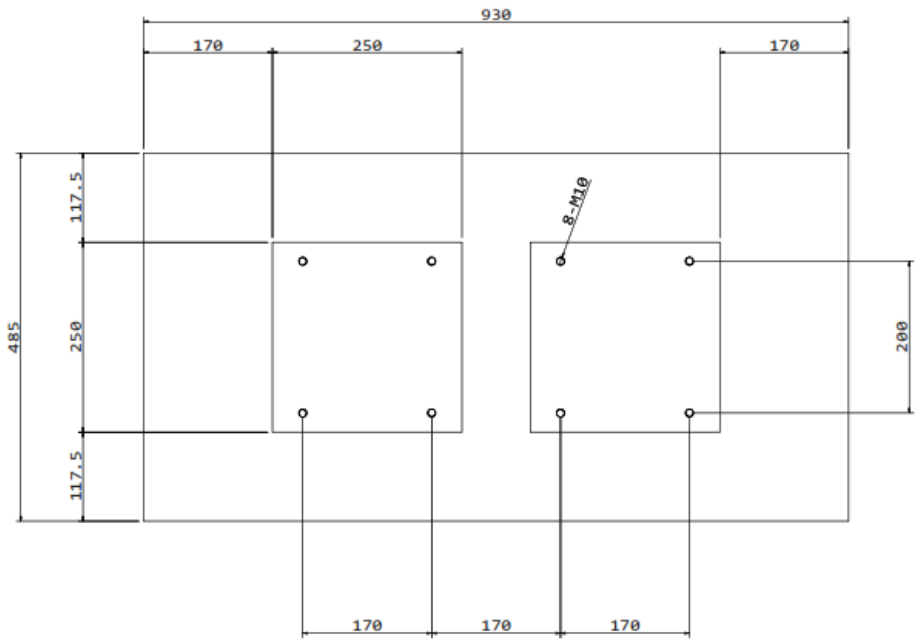
Foundation and Anchoring Options

Method 2: The kiosk can be anchored to a pre-installed dedicated steel-reinforced concrete base that was cast in-situ, incorporating electrical and data conduit rough-in prior to concrete pour.

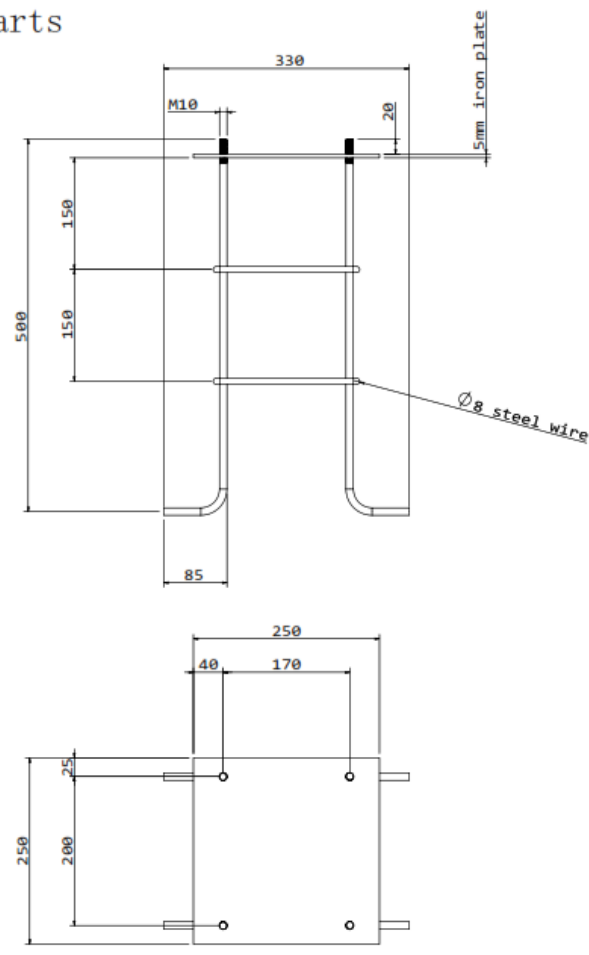
Concrete Base Specifications



Concrete Base Specifications



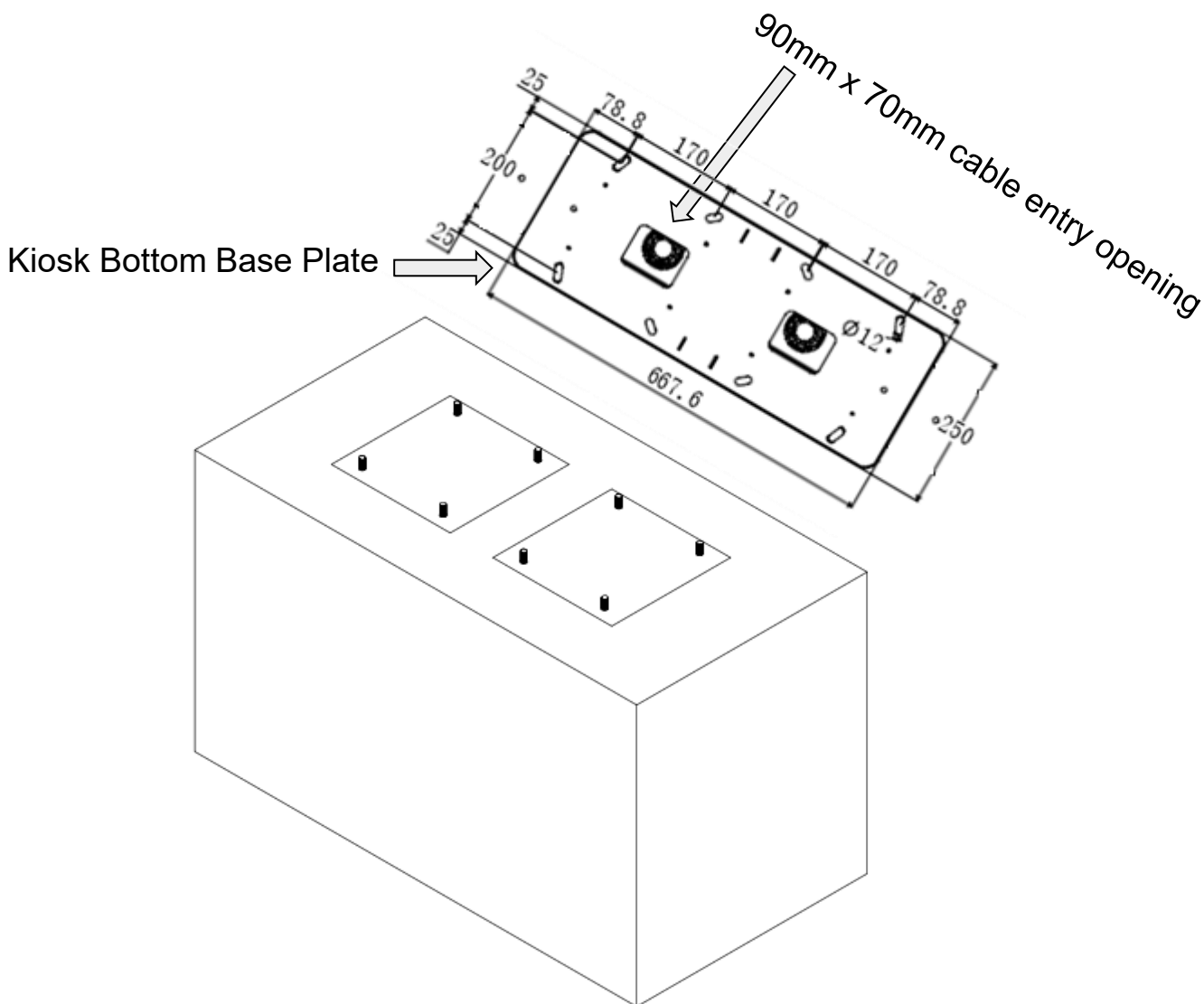
Embedded parts



Concrete Base Specifications

Electrical & data rough-in note: Prior to pouring the concrete, your contractor must install the conduit for all electrical and Ethernet cabling. Depending on your specific requirements, the conduit stub-up can be positioned on either the left or right side. Ensure this placement allows the cables to safely pass through the corresponding 90mm x 70mm cable entry openings in the kiosk's metal base. The positioning of the conduit stub-up must provide sufficient clearance for the stub-up without compromising the structural integrity of the concrete base. Refer to the drawing below.

Please ensure that the supplier of the rebars for the concrete base provides you with **compatible locking nuts**, as the kiosk does not normally come with them.



Important Notes

The concrete base specifications provided in our documentation are engineered to serve as a baseline guide for your contractors. Because local soil compositions and environmental factors naturally vary, we recommend pairing these guidelines with a standard site-specific survey. This allows your team to tailor the foundation perfectly to your location's unique profile.

Display Conditioning

Display Conditioning

To ensure optimal performance, the displays must be powered on within one hour of unboxing and kept on for a few days. This essential conditioning process allows the unit to acclimatize to ambient temperature and humidity. Consequently, it minimizes the risk of temporary microscopic condensation forming due to environmental shifts during transit and the initial one to four weeks of installation.

If you notice microscopic condensation, please rest assured that this is a normal and temporary condition caused by sudden temperature changes. Simply continue running the display continuously for few days. This helps stabilize the internal temperature and promotes the natural evaporation of any trapped microscopic moisture.

Depending on your installation environment, local climate, and humidity, full evaporation may take one to four weeks. The display will continue to function normally during this period as it adapts to its new environment. Please note that temporary condensation is not a product defect and does not impact the reliability or performance of your display.

Troubleshooting

Troubleshooting

Issue	Solution
Wi-Fi dropping in and out	1. Check antenna is securely connected 2. Check Wi-Fi signal strength- if the wireless signal is too weak look at hardwiring the device 3. Forget the wireless network and reconnect 4. Ensure the Wi-Fi network supports 2.4Ghz
Display doesn't boot or hangs on LamasaTech Logo	1. Android OS issue, generally a firmware upgrade required please contact the LamasaTech Customer Success Team.
No Display/black screen	1. Check if you have a backlight as this may be a content issue 2. Plug a mouse into the usb port on the top of the display and exit the application to see if you can get to the OS. 3. If you now get a display then this is down to content if you still have no display then please contact the LamasaTech Customer Success Team.
Dark/dull display	1. Plug a mouse into the screen and exit application 2. Check screen brightness settings and alter accordingly.
Display intermittently turning off	1. Please check all ventilation ducts to ensure none have been blocked reducing air flow.

Issue	Solution
Screen is flashing on and off	1. Please contact the LamasaTech Customer Success Team.
Content not loading from CMS application	1. Check time zone in display settings as this can prevent signage applications running correctly
Display doesn't boot or hangs on LamasaTech logo	1. Android OS issue, generally a firmware upgrade required please contact the LamasaTech Customer Success Team.
Condensation Troubleshooting	1. If condensation persists, leave the screen powered on continuously at 100% brightness for at least 7 days. This will help any remaining moisture evaporate. If condensation continues for more than one month, please contact the Lamasatech Technical Support team for further assistance.



Contact technical support

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111	1.1	M Awali	31/07/2026	ISO 9001