



# Versi Indoor Ceiling Mounted Display

## Installation Manual



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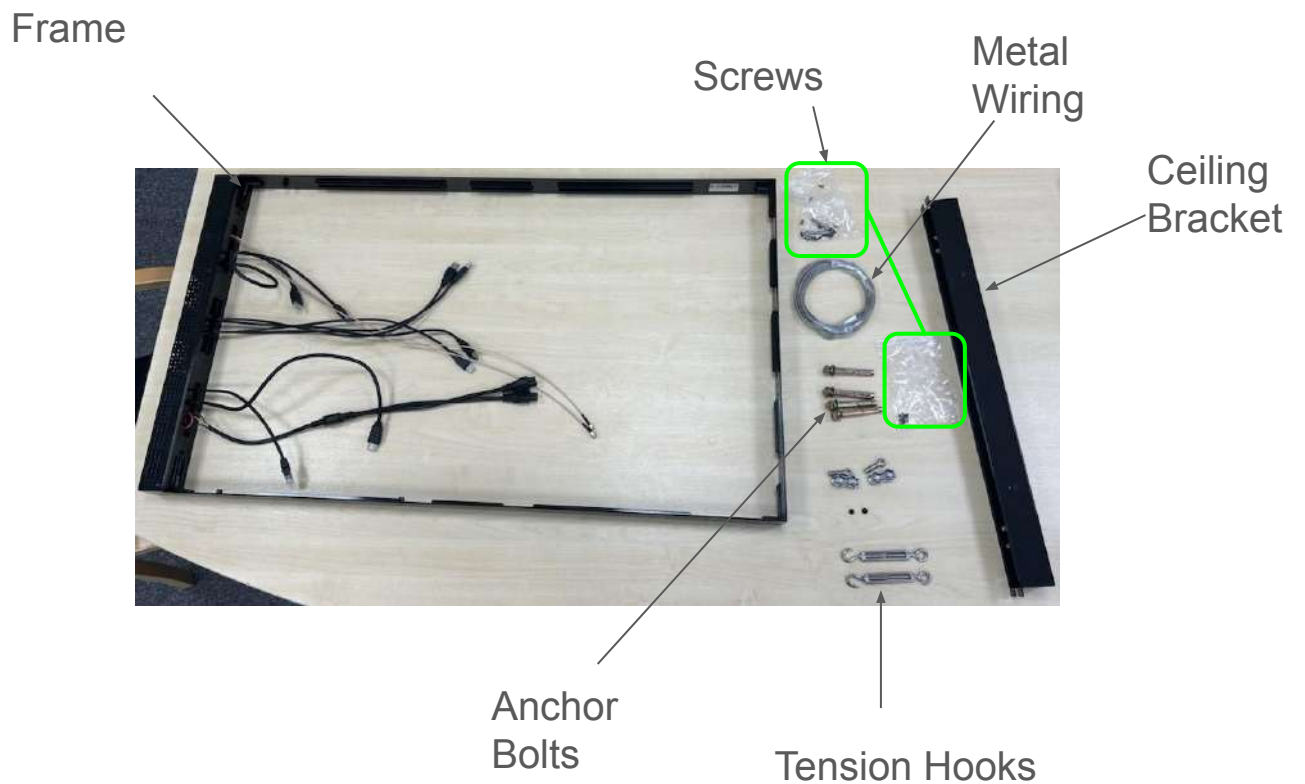
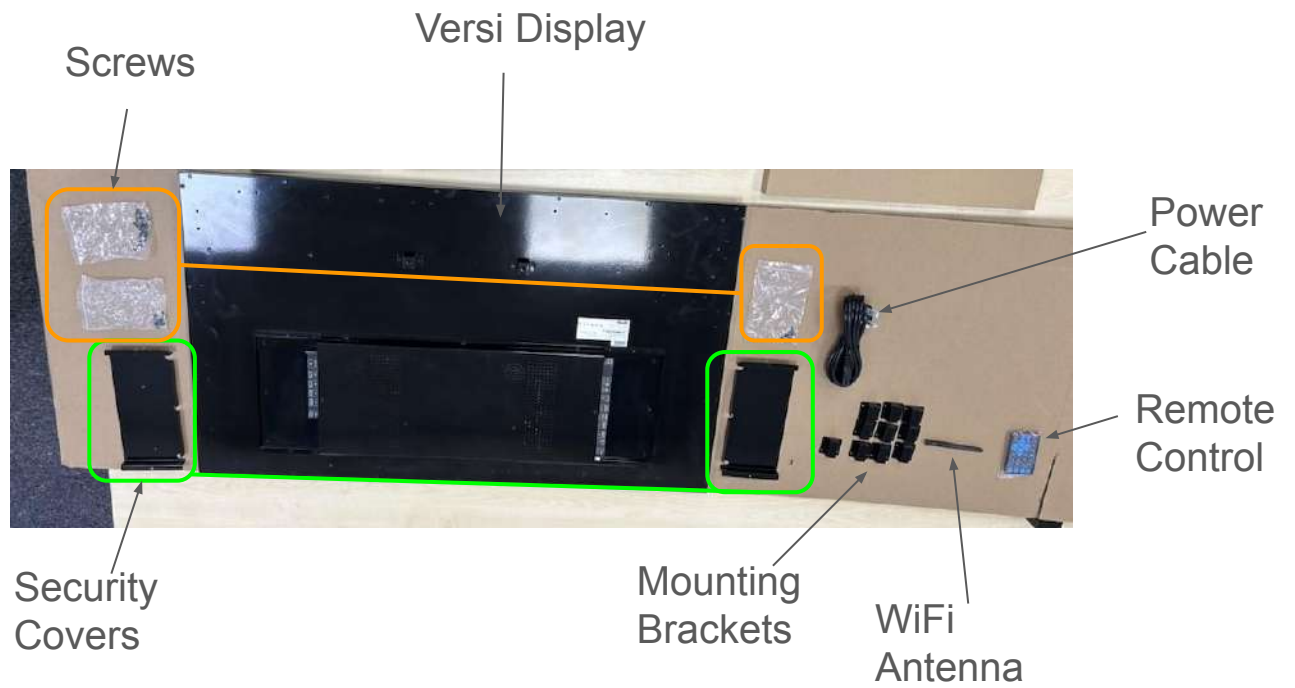
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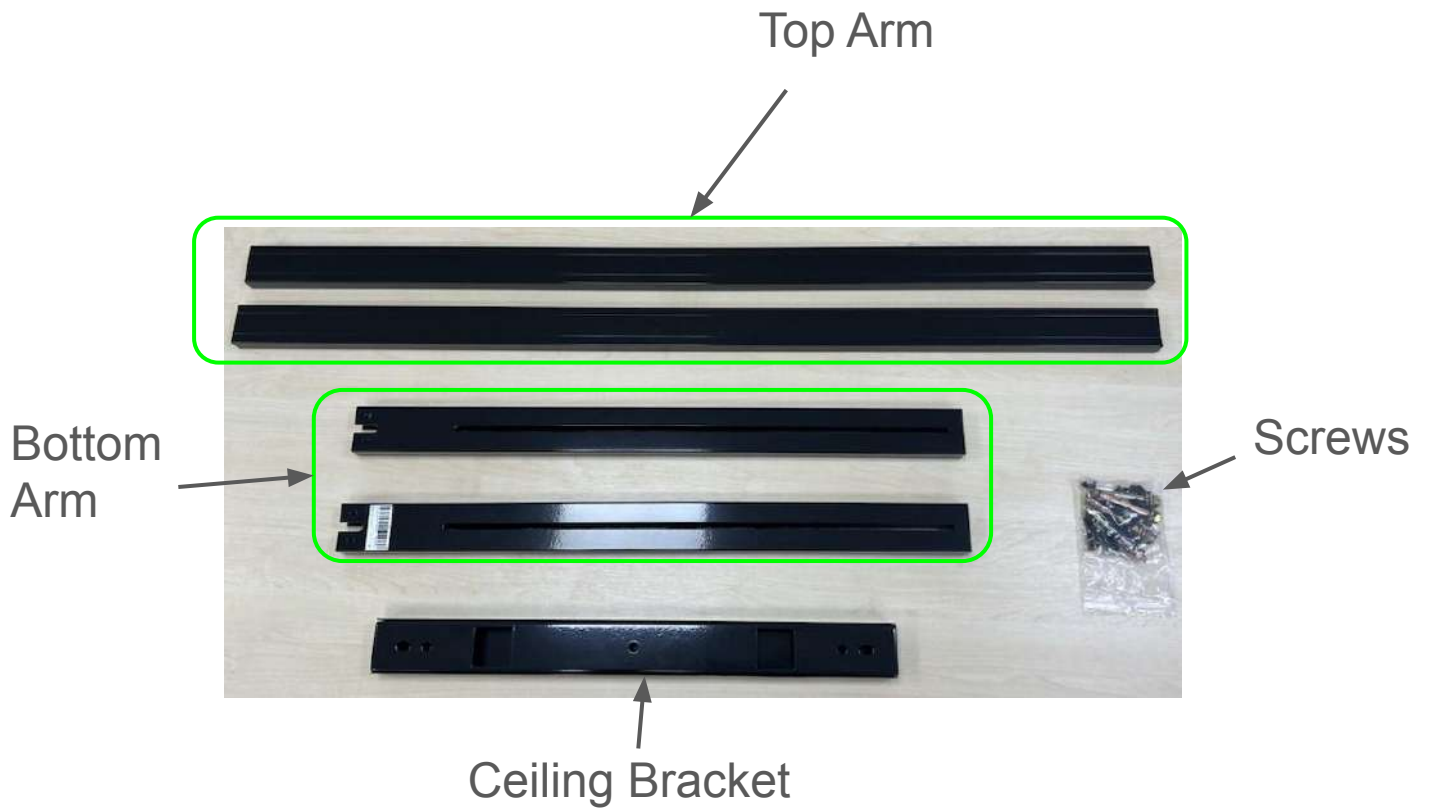
# Package Contents

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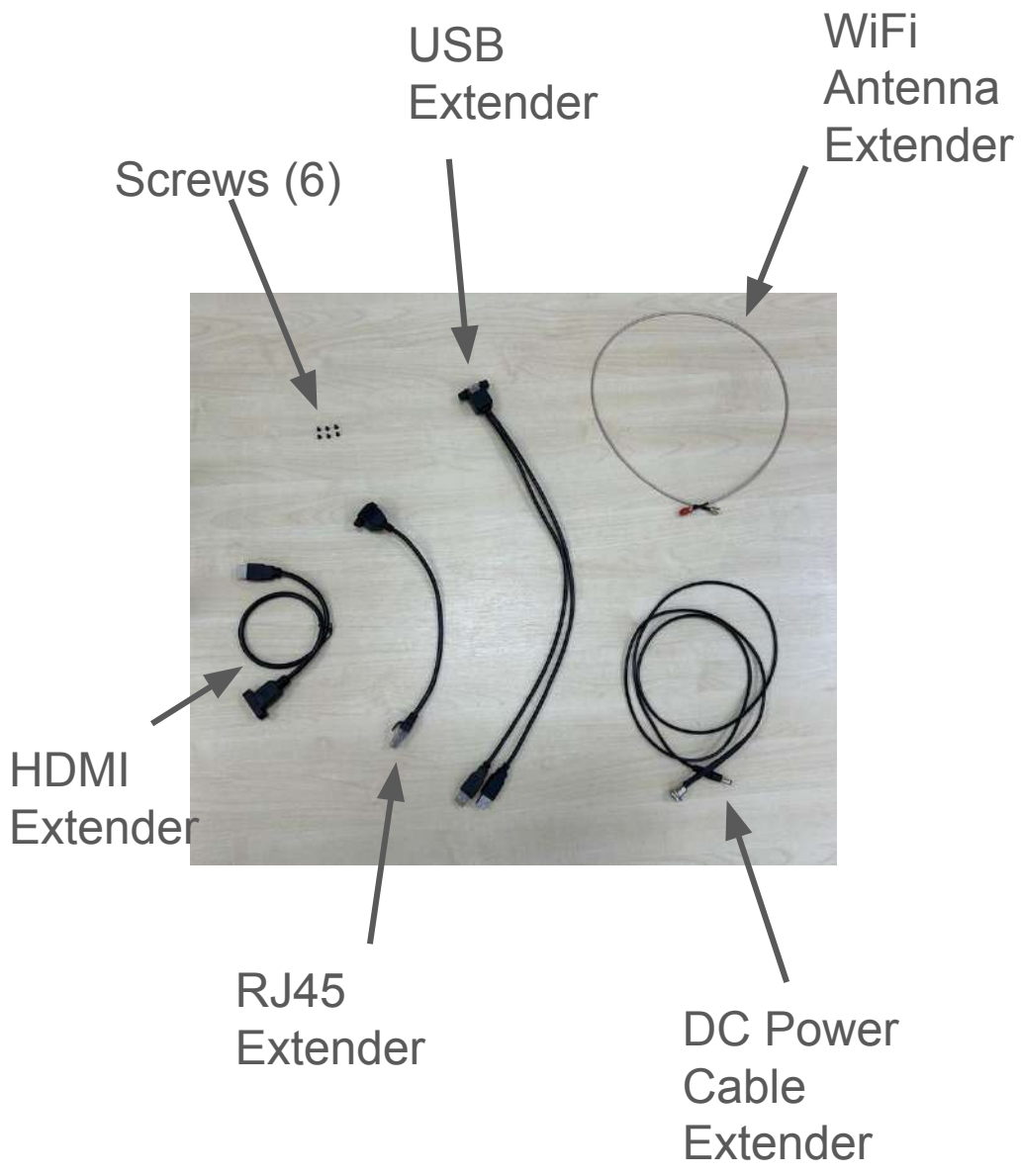
# Package Contents

For each Versi ceiling mounted display you have ordered you will have 3 boxes. The boxes will contain the following contents.





Glass Back Cover (you will only have this part if you have ordered a single-sided display - you will have 2 x Versi displays instead if you have a double-sided display).



# Tools Required



# Tools Required

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Tools that may be required during your installation

Phillip's Screwdriver



Socket Set





# Instructions



## Build Display

# Instructions

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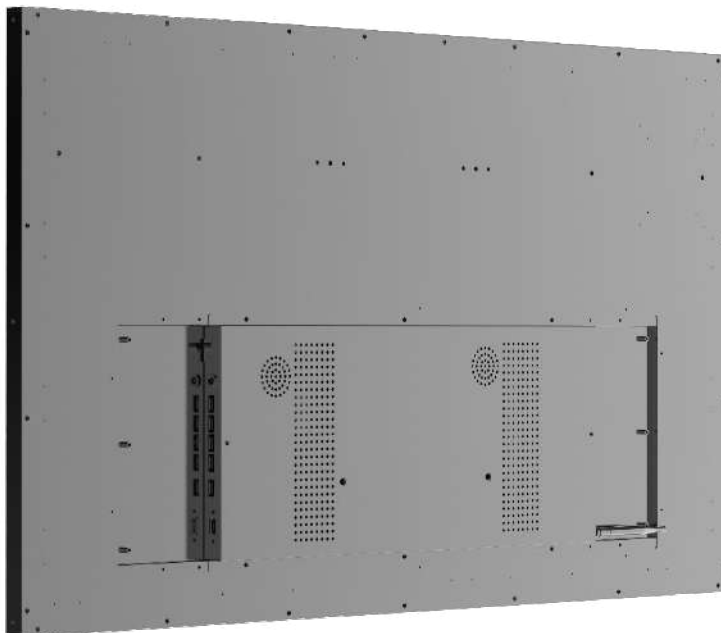
Remove the cover on the top of the frame. You will then insert the extension cabling.

- 1 USB extender
- 1 HDMI extender
- 1 RJ45 Extender
- 1 DC power supply
- 1 WiFi Antenna Extender

By the picture below you will see where we will place each of these. You will have a packet of these extenders per screen.



Lay screen on a flat surface ensuring you have protected the screen



Screw in the mounting brackets to the back of the screen with the hole on the side of the bracket pointing outwards. There will be 2 screws per bracket to fix it to the back of the screen



Lay the frame that now has the cables fed through to the back of the screen.

You will now secure the frame to the display by use of the longer screws. There will be 16 screws required to secure the frame to the display.

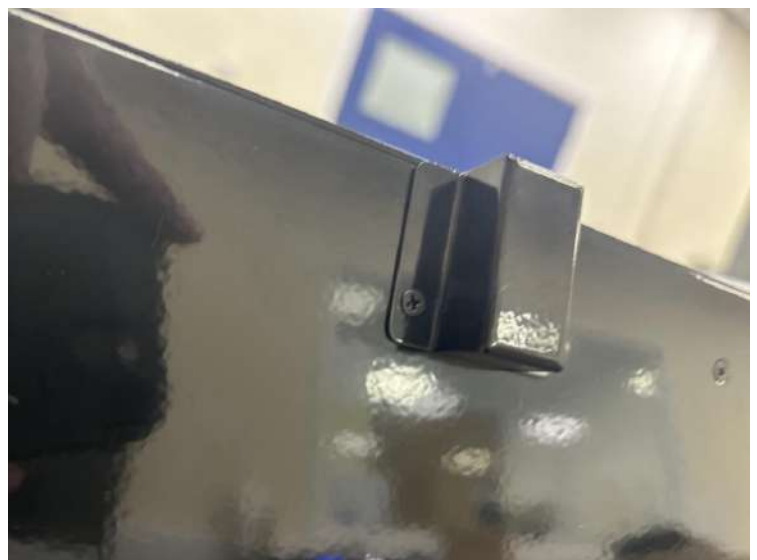


Lay the glass back cover on a soft surface ensuring you have protected the glass.

Remove the brackets that are attached to the back of the cover.



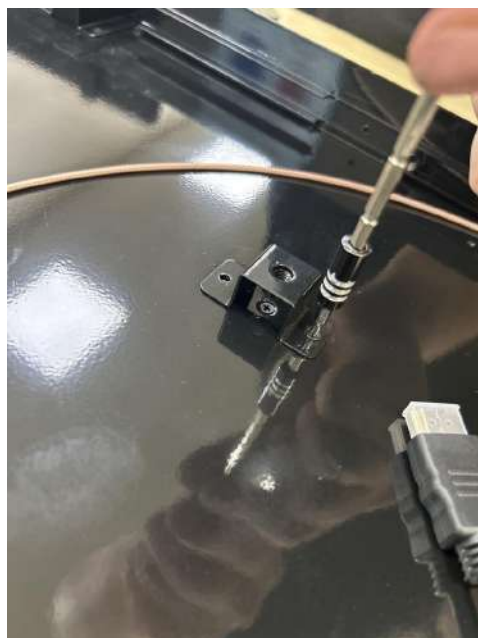
Now attach the mounting brackets to the glass back cover ensuring the outer hole is pointing outwards.



**Now attach all cabling to the screen(s).**



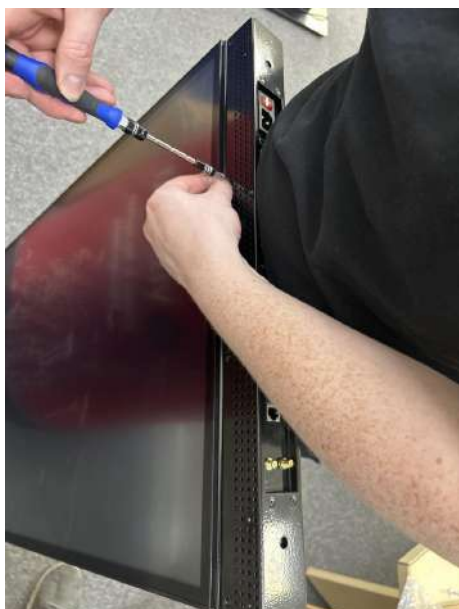
**Before attaching the glass back cover you need to remove the wall bracket holdings to the back of the display.**



Now attach the glass back cover onto the frame and secure by screwing in the longer screws



Screw the top casing where you have secured the extended cables back onto the frame. Securing it properly.



Attach the WiFi Antenna to the top of the screen



Screw in the fixing hoops that we will require to hang the display from.



Your displays are now ready to mount. Proceed to the next page for wire mounting instructions or [page 21](#) if you're using the arm mounting.



# Instructions

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## Ceiling Mount Wires

To Install the display the following steps should be followed

- 1) Firstly, we need to install the steel wire rope onto the ceiling mounting plate. The steel wire rope passes through the U shaped brackets before these brackets are attached to the mounting plate as shown in Fig 1. The nuts then need to be tightened on the rear of the mounting plate before this is installed. Please ensure that the centre holes used on each side of the mounting plate as these are the correct size for the U-shaped brackets as shown by the red circle in Fig 1.

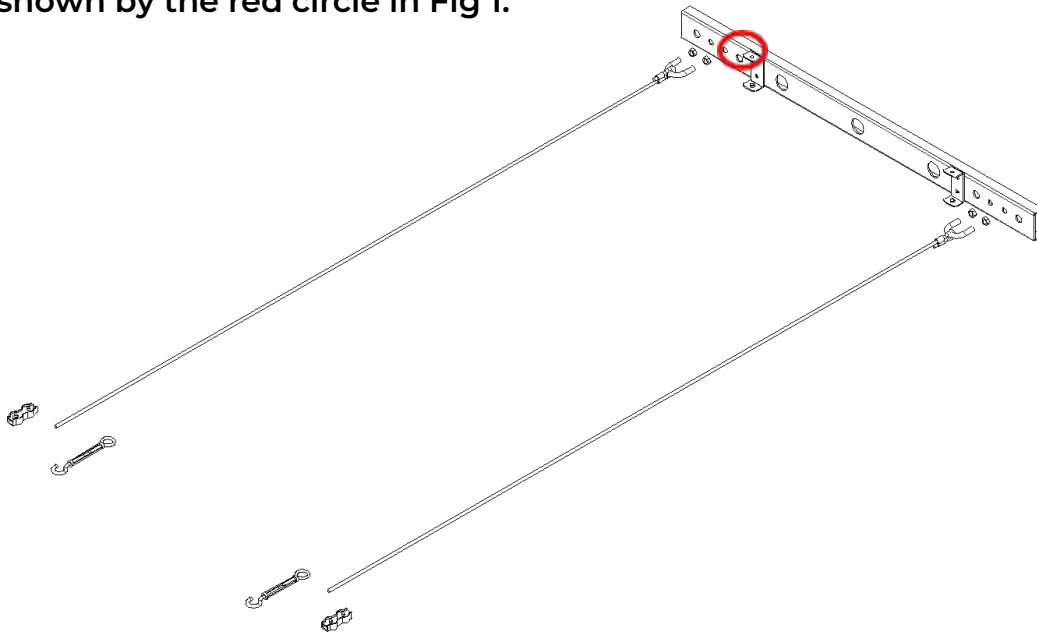


Fig 1

- 2) Next, we need to install the ceiling mounting plate. The Plate should be secured into a solid surface (i.e., directly into brick or concrete) using the anchor fixings within the accessories pack. The ceiling plate has 4 fixing positions. All 4 fixing positions should be used to spread the load and ensure the display is installed safely. The fixing positions are the outer 2 of the 4 on each side of the ceiling mounting plate. These are the larger holes.

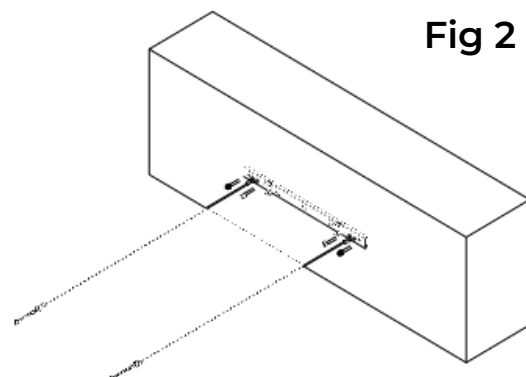
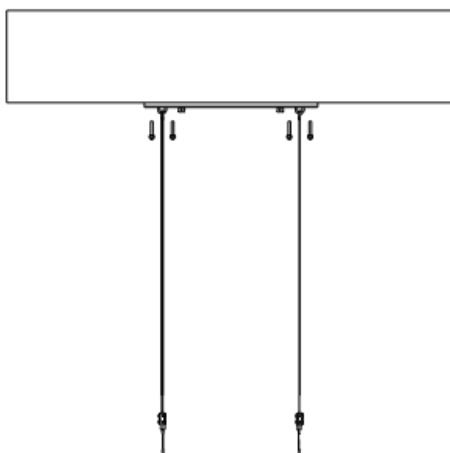
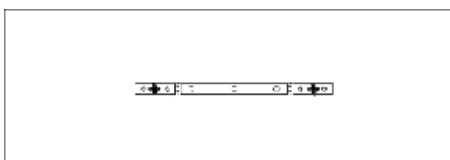


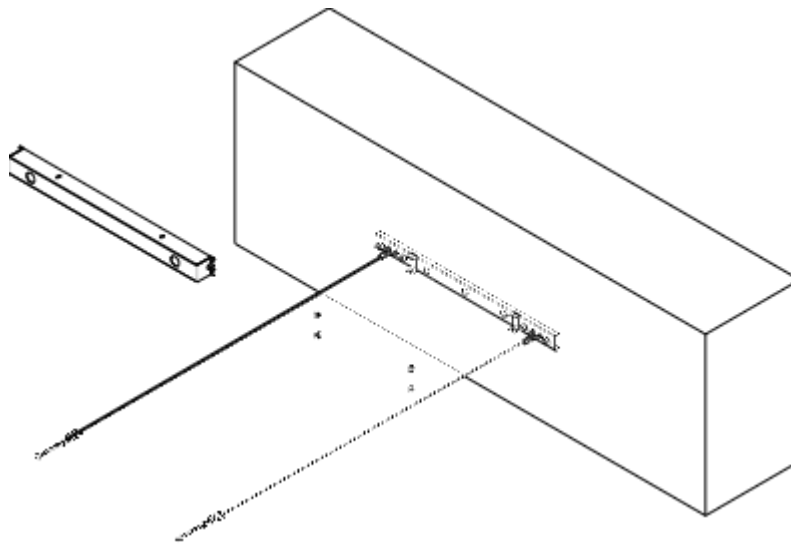
Fig 2

3) You should then adjust the Steel Wire Rope to your desired height and fit the clamps. The clamps apply tension to the rope and ensure that the screen is held firmly in place. When adjusting the steel wire rope please take into account the fixings that are attached to the top of the screens.

4) If the power cable is being fed down the hanging wires this can now be done and concealed before the covering plate is attached. The power cable can be cable tied to the steel wire to ensure it is held neat and tidy and prevent it becoming loose.

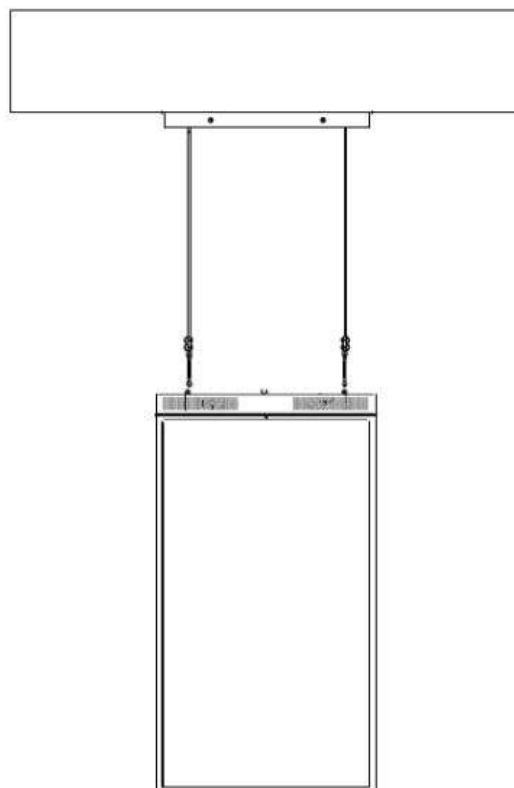
5) The cover can now be fitted to the ceiling mounting plate, the steel wire rope and power cable can pass through the hole allowing the plate to be moved up and fitted in position as shown in Fig 3. 2 screws are to be fitted to each side of the cover.

Fig. 3



6) The display can now be lifted into position onto the 2 hooks at the end of the steel wire rope. Please note that this is a 2 person lift to ensure that the screen is lifted safely. The hooks will just slide into the eyes inserted onto the top of the screen. As shown in Fig.4

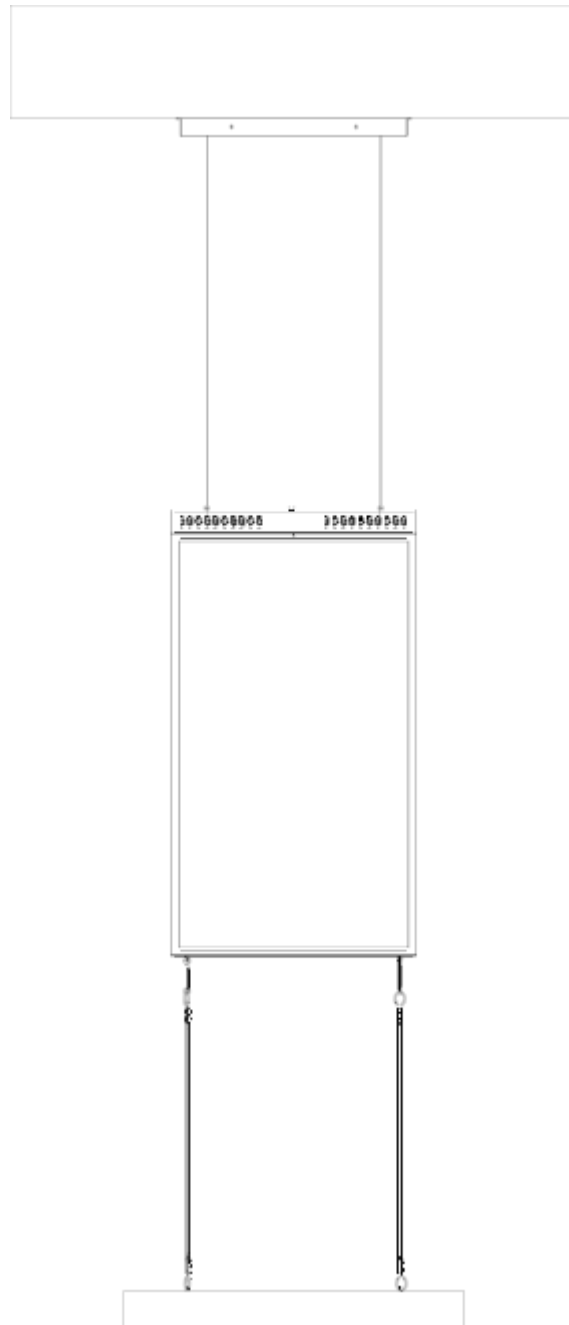
Fig.4



7) The next step is to install the ground anchoring cables. These cables are installed to ensure that the screen doesn't swing/sway in a public area. Our recommendation is to fit these as they will help prevent accidental damage from a screen being placed near a door or close to a walk way.

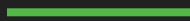
As shown in Fig 5 there are 2 fixing points on the underside of the screen where a hook is to be fitted and you also have a wire look and Figure of 8 clamps that are to be installed.

Fig. 5



8) The last step is to commission the display and test any software you may wish to install. There are 2 USB ports and a power switch on the top of the display. Simply plug a USB mouse and USB drive into these ports to control the screen and install your CMS.

# Instructions

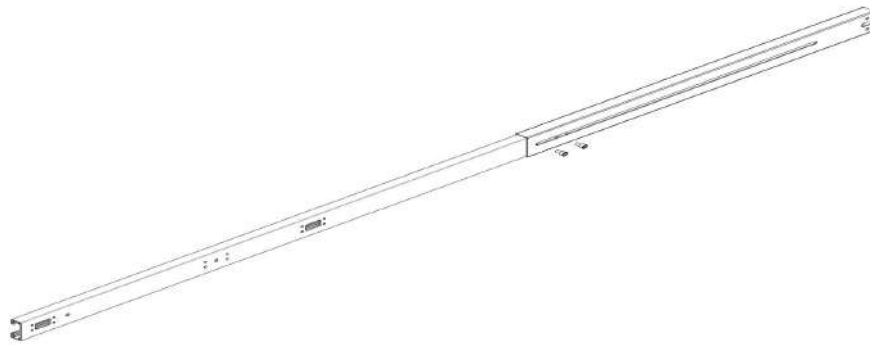


## Ceiling Mount Arms

To Install the display the following steps should be followed

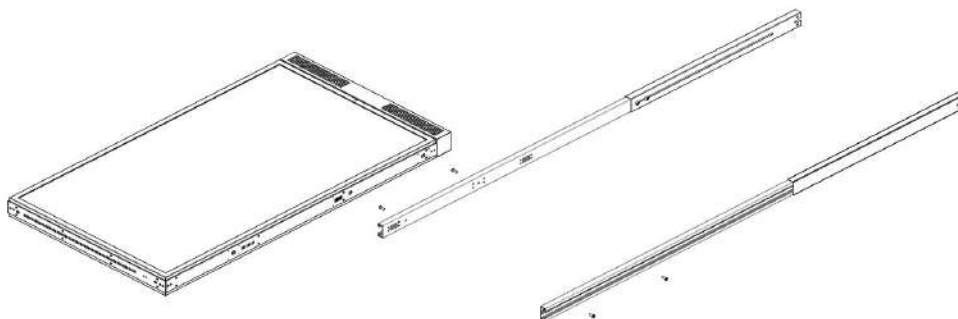
- 1) The side arms and extensions must be firstly slotted inside of each other and the 2 retaining screws fitted as shown in Fig 1. Repeat this step for both side arms. Please note that the cover that goes onto the side arm should not be installed at this point as cable management is still required.

Fig1



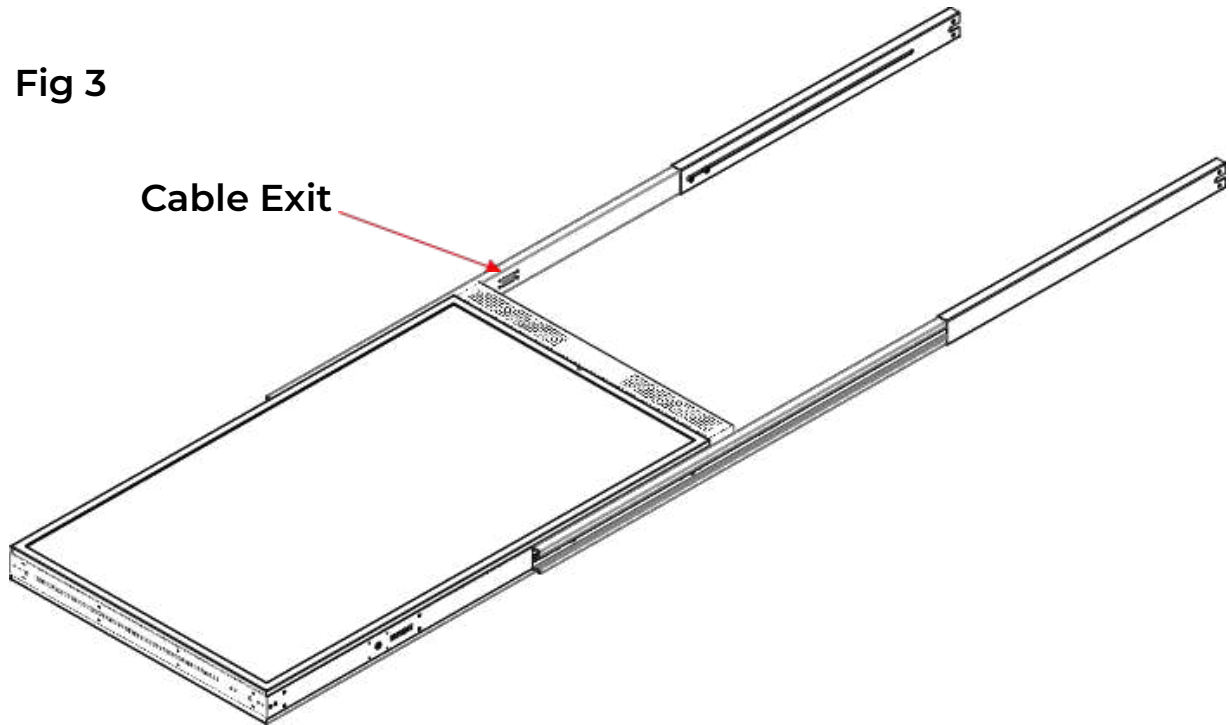
- 2) Once both side arms are put together mount them to the display and fix with the screws from the accessory pack. 8 screws per side arm should be fitted (4 at each fixing position). As shown in fig 2. During the fitting of these arms the ethernet and power cable should also be routed through the opening to allow these to pass through the arms and the arms to be securely fastened to the display.

Fig 2



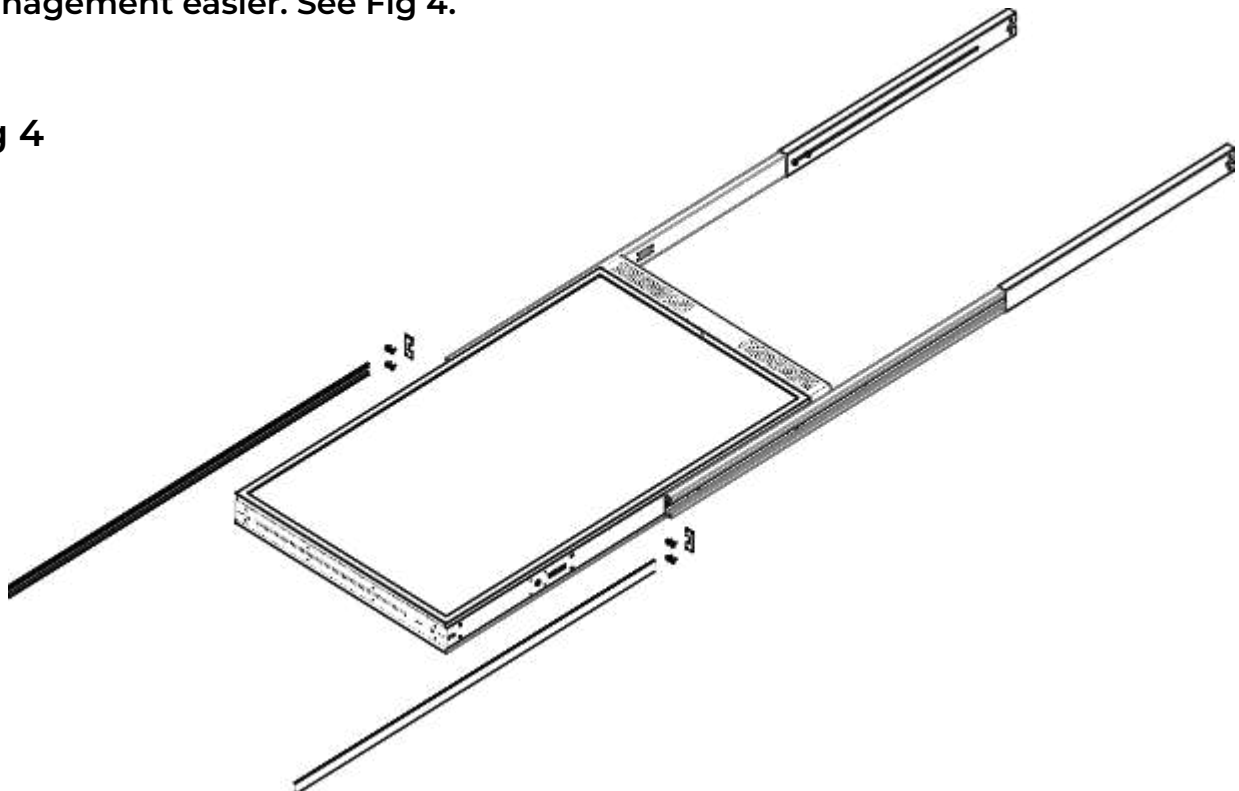
3) The display is now ready for the cables to be ran in the arms. The cables can exit the arms just above the screen to allow for neat and tidy cable management. There's a cable exit on each side of the screen. Once the cables have been installed correctly, please fit the covers to the side arms and install the securing plates on the bottom of these arms as shown in Fig 3. Once this has been done the display is ready for installation onto the ceiling mount. The structure should now be complete.

Fig 3



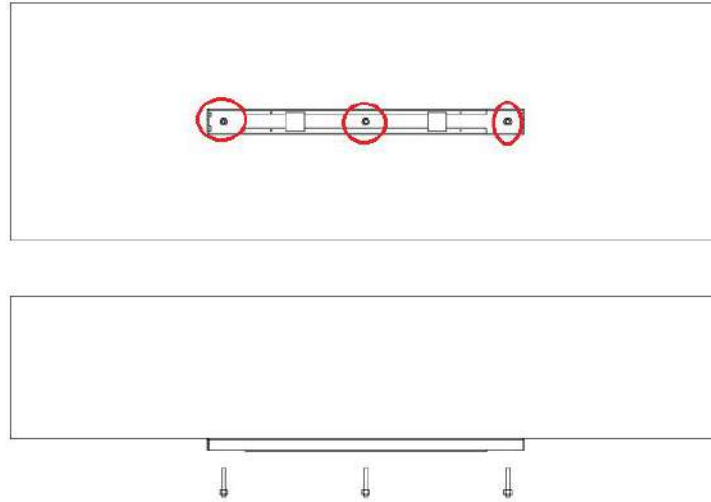
4) We now need to slide the arm covers in place and fit the retaining screws. Each arm has a sliding cover and a retaining bracket at the end of the arm to stop the cover moving. The cover is removable to make cable management easier. See Fig 4.

Fig 4



5) Next we are going to install the ceiling mounting plate. The Plate should be secured into a solid surface (i.e., directly into brick or concrete) using the anchor fixings within the accessories pack. The ceiling plate has 3 fixing positions. All 3 fixing positions should be used to spread the load and ensure the display is installed safely. The fixing positions are indicated by the red circles in Fig 5.

Fig 5

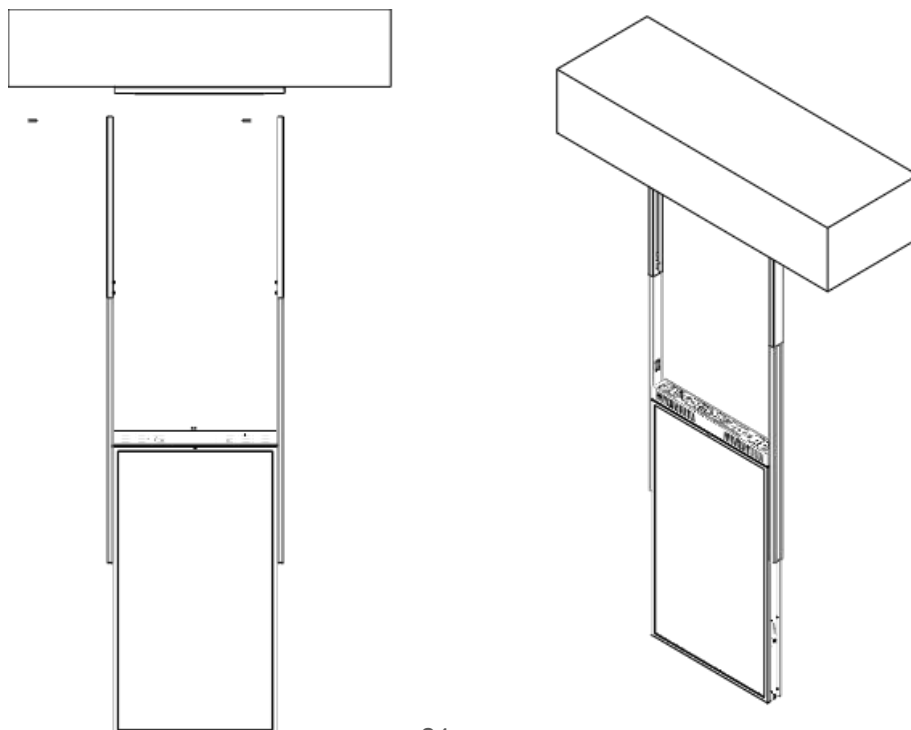


6) Once the ceiling mounting is fitted correctly it's now time to lift the display into place. This step should be carried out by 2 persons. Please ensure that the display is lifted safely. The high brightness side of the display can be identified by the automatic brightness sensor at the top Centre of the display. This will be protruding slightly from the screen and looks like an LED. This should be facing outwards when mounting.

There are also cable management positions within the ceiling plate if you want to conceal any cables. This will allow the cables to run up the arms and into the mounting plate to ensure the installation is neat and tidy.

The display should be lifted and held in position whilst the 2 screws on each side are inserted into the ceiling mount as shown in Fig 6.

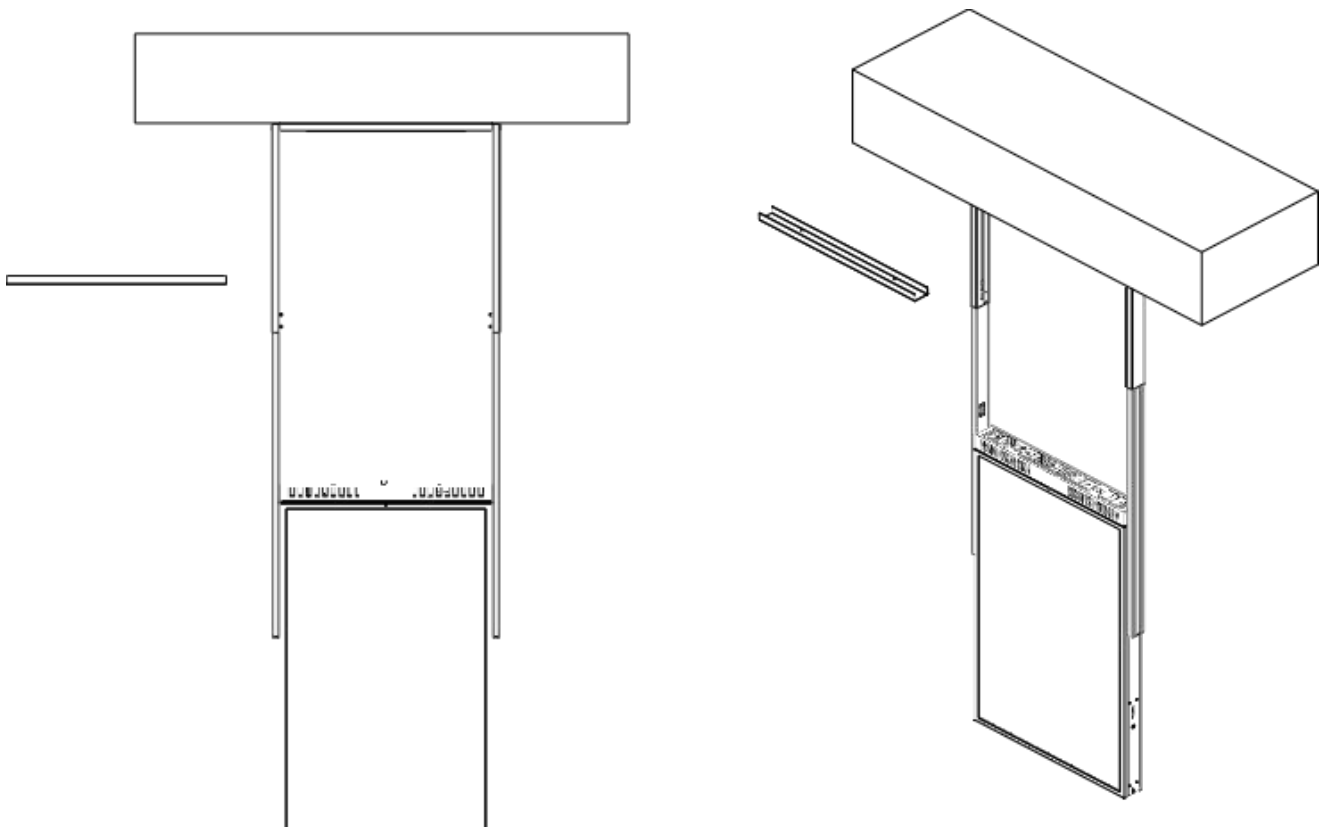
Fig 6





7) The cover for the ceiling mounting plate is now ready to fit. This covers any cable that you have ran in the arms and also the ceiling mounting plate to give a smooth finish. The mounting plate is installed with 2 screws. These are within the accessory pack. The plate just slots over the ceiling mount and fastens to it as shown in Fig 7.

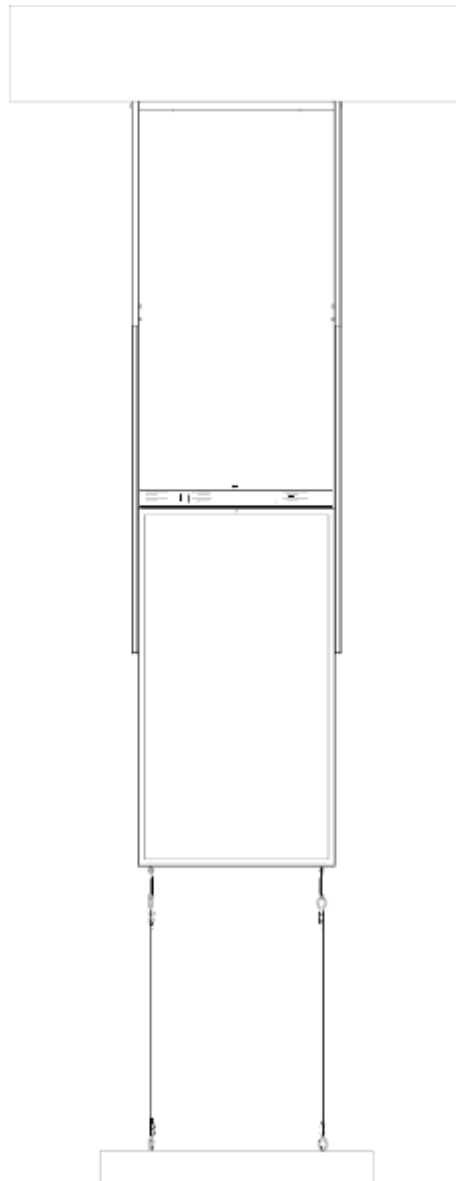
Fig 7



8) The next step is to install the ground anchoring cables. These cables are installed to ensure that the screen doesn't swing/sway in a public area. Our recommendation is to fit these as they will help prevent accidental damage from a screen being placed near a door or close to a walk way.

As shown in Fig 9 there are 2 fixing points on the underside of the screen where a hook is to be fitted and you also have a wire look and Figure of 8 clamps that are to be installed.

Fig. 9



9) The last step is to commission the display and test any software you may wish to install. There are 2 USB ports and a power switch on the top of the display. Simply plug a USB mouse and USB drive into these ports to control the screen and install your CMS.

# Troubleshooting



# Troubleshooting

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

# Troubleshooting

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Issue	Solution
Screen Flashing on and off	1. Please contact the LamasaTech Customer Success Team.
Content not loading from CMS application	1. Check time zone on display 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.



## Contact technical support

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