



The Zentron Visitor and Employee Sign-In Kiosk

Hardware Manual



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Hardware range



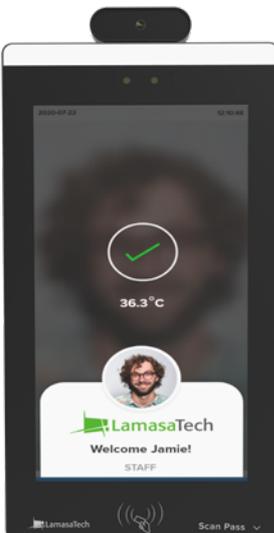
LD-AITemp-Device (Gen 1)

- ✓ 8" Non-touchscreen
- ✓ Facial recognition
- ✓ Permanent temperature sensor
- ✓ RFID reader



Zentron 8 (Gen 2)

- ✓ 8" Touchscreen
- ✓ Facial recognition
- ✓ Detachable temperature sensor
- ✓ RFID reader
- ✓ QR code scanner
- ✓ HDMI output



Zentron 15

- ✓ 15" Touchscreen
- ✓ Facial recognition
- ✓ Detachable temperature sensor
- ✓ RFID reader
- ✓ QR code scanner
- ✓ HDMI output

Configuration range - Zentron 8 / LD-AITemp



Desktop mount & kiosk



Surface mount

Floor stand & kiosk



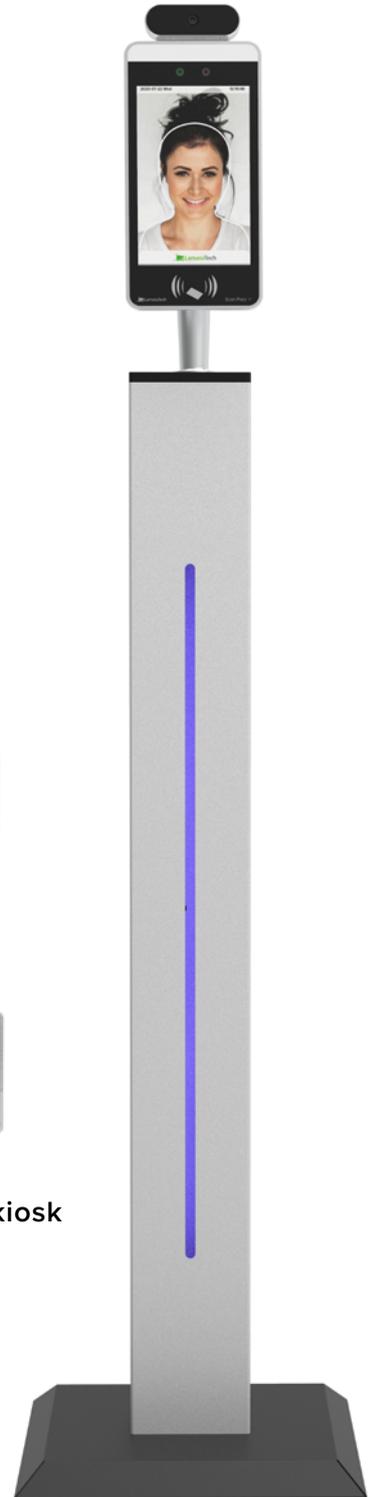
Badge printer & mount - can be attached to the floor stand or directly onto a wall



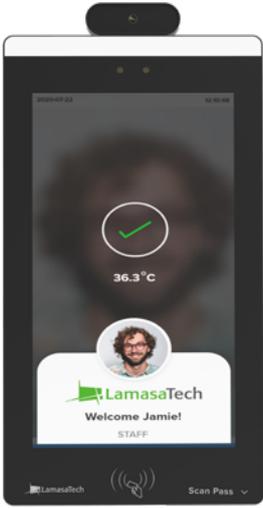
Zentron Battery Pack with Case



Wall mount & kiosk

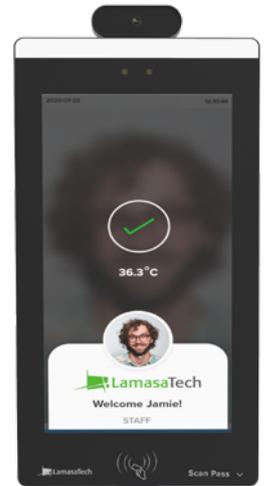


Configuration range - Zentron 15



Badge printer & mount - can be attached to the floor stand or directly onto a wall

Floor stand & kiosk



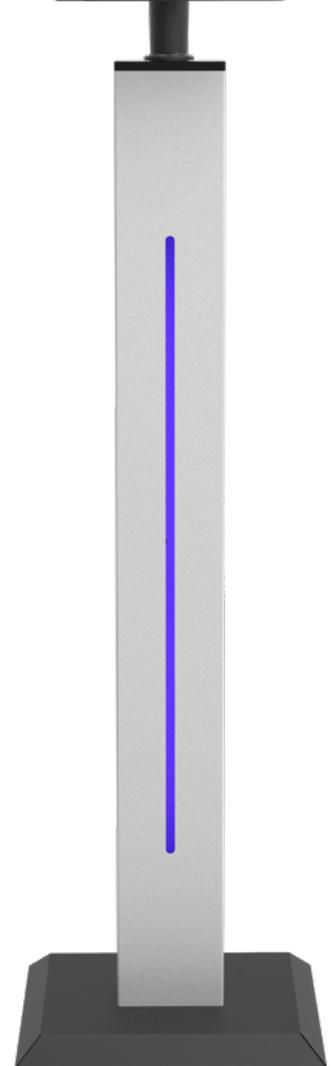
Wall mounted kiosk



Zentron battery pack with case

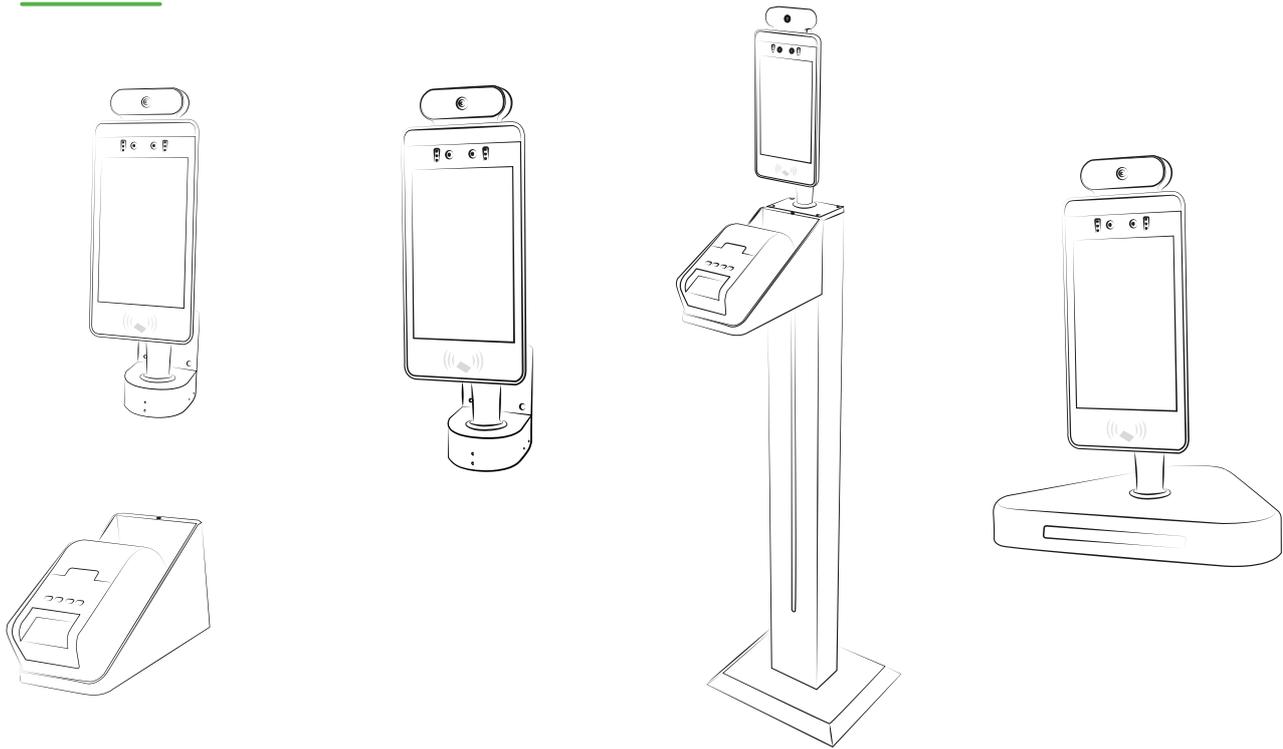


Surface mount



Configuring Hardware

Kiosk placement



Do not place the device directly :

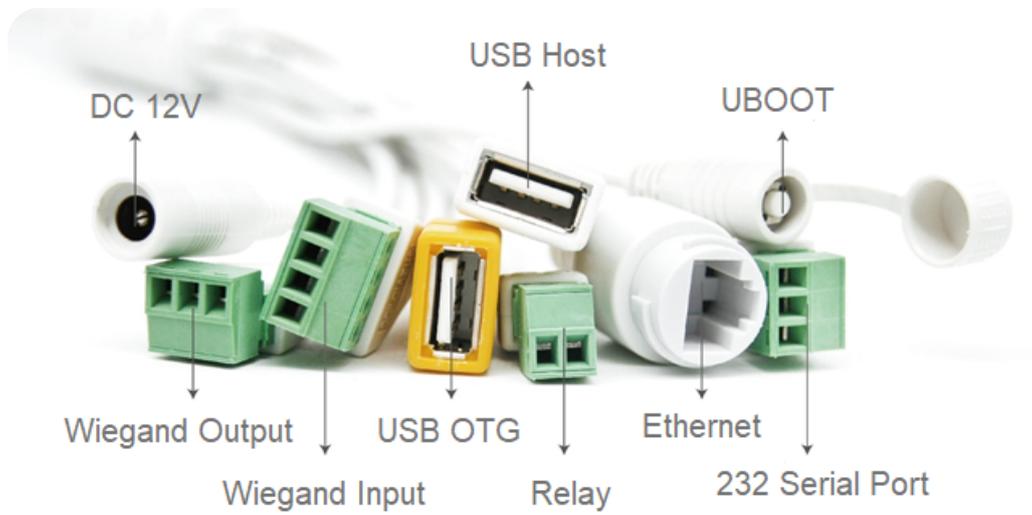
- Facing the sun or in a location where the sun is directly facing the person
- In front or near an air outlet of an air conditioning or radiator device during measurement
- In front or near to strong infrared emitting light
- In a room where heating/cooling ducts are in the ceiling or directly below ceiling ducts

The above can cause changes to the forehead temperature. Measurements should be taken in a stable environment.

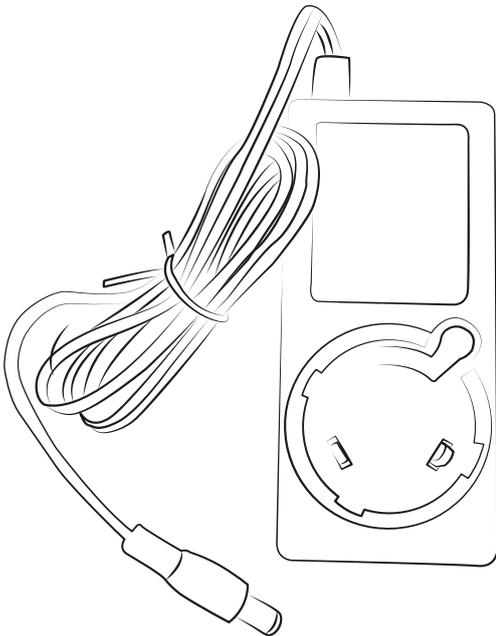
Do not measure body temperature in an environment with:

- Strong electromagnetic interference (examples include places close to a working microwave, induction appliances) as EM interference may cause errors in the reading or even device failure.

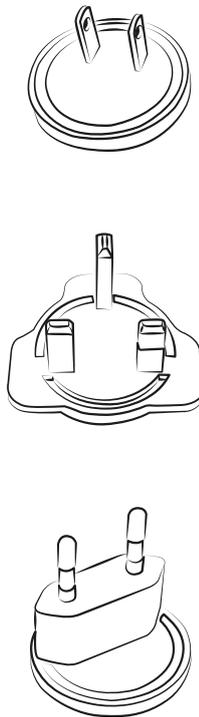
Wire Interface Definition



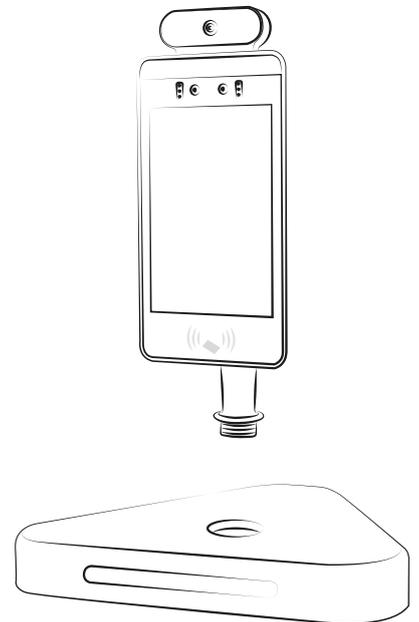
Package contents for a Desktop Kiosk



Power supply with global plugs

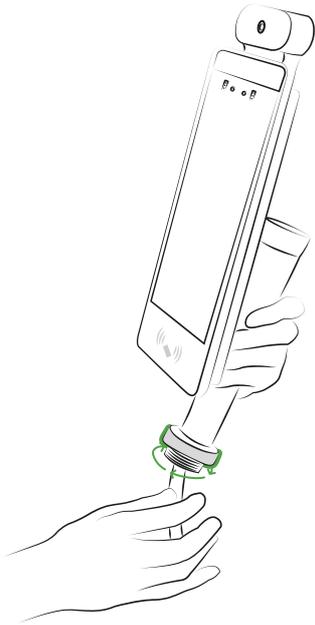


Global plugs

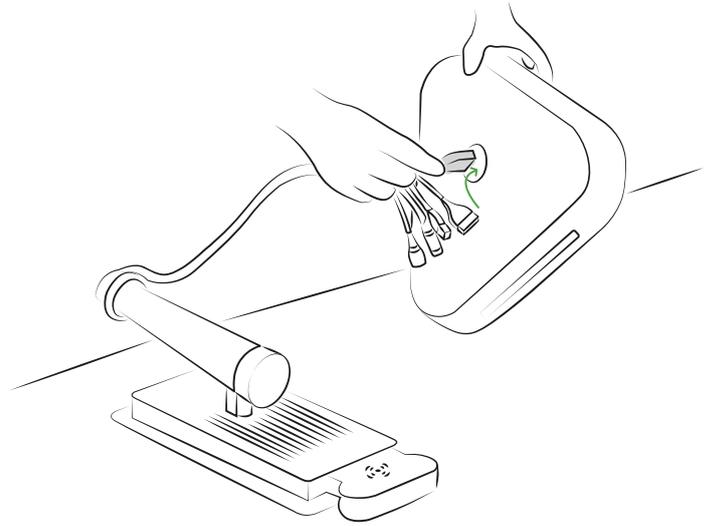


Temperature Kiosk and desktop base

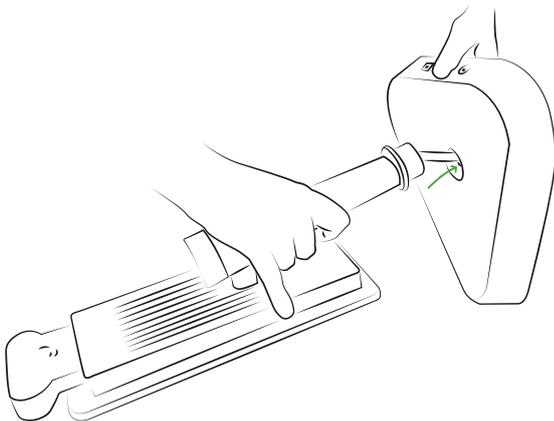
Desktop Kiosk set-up



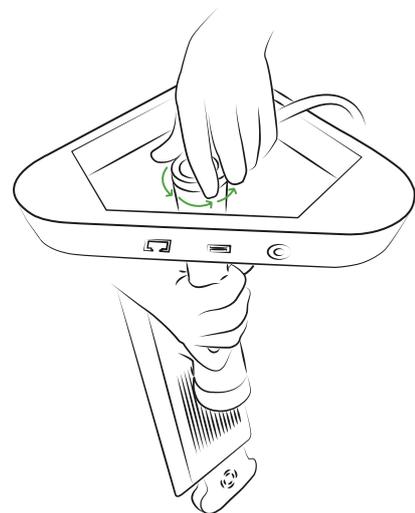
01. Unscrew the safety bolt from the Kiosk



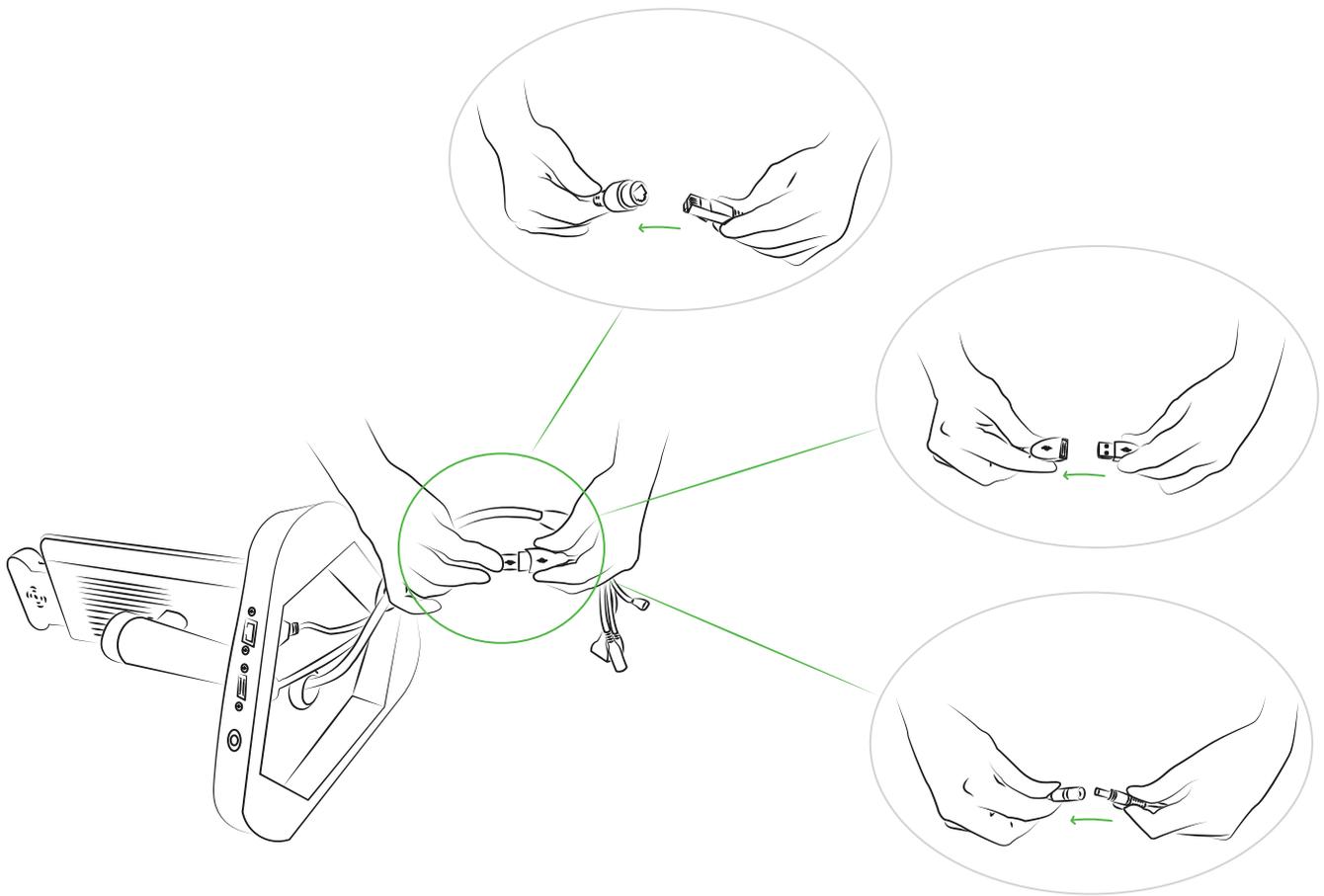
02. Thread the kiosk cables through the desktop stand



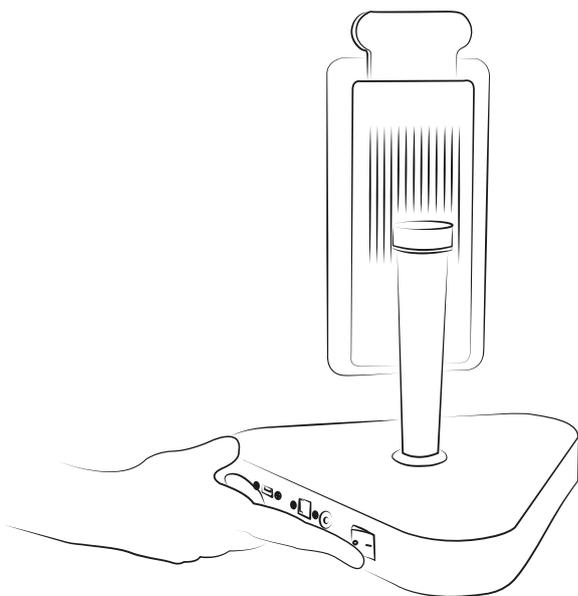
03. Put the Kiosk into the desktop base and line kiosk up with the light on the desktop base



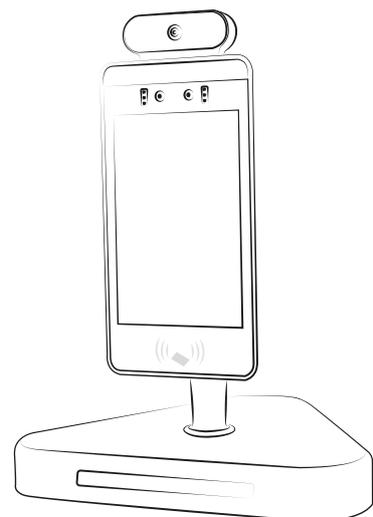
04. Re-screw the safety bolt back on after attaching the desktop base



05. Connect the different cables from the desktop base into the Kiosk cables, there should be an ethernet, USB and a power cable to connect. The desktop stand USB cable should connect to the yellow USB cable on the kiosk.

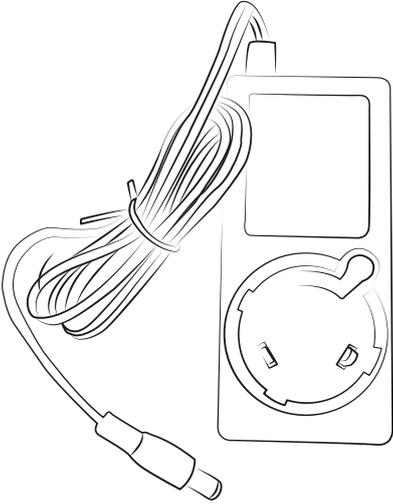


06. Plug into the mains power then turn on your Kiosk

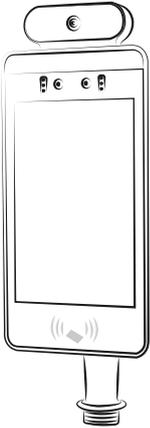


07. Enjoy your Kiosk!

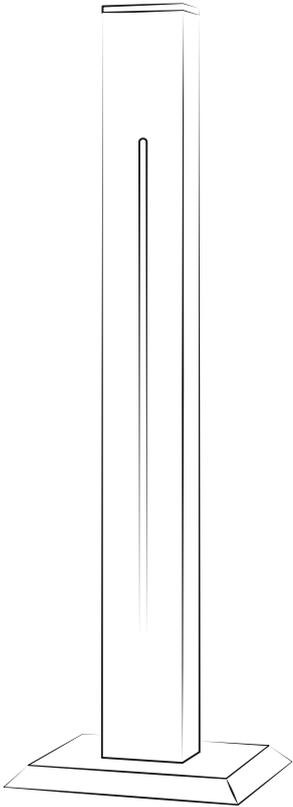
Package contents for a Floor stand temperature kiosk



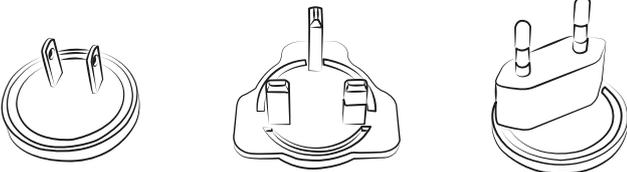
Power supply with global plugs



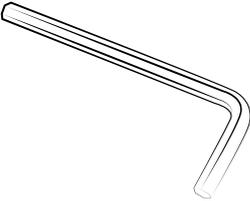
Temperature Kiosk



Floor stand

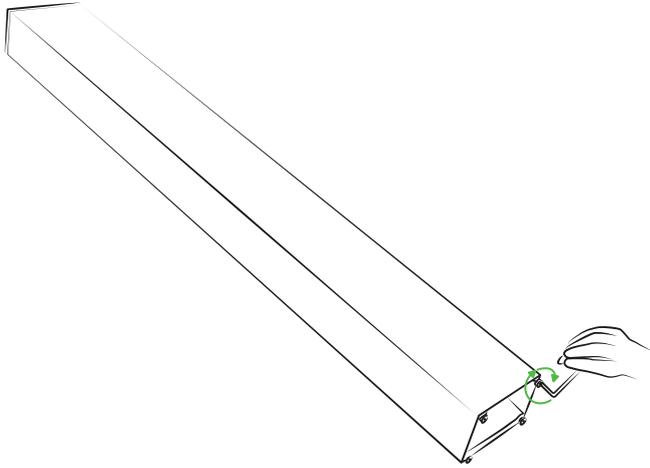


Global plugs

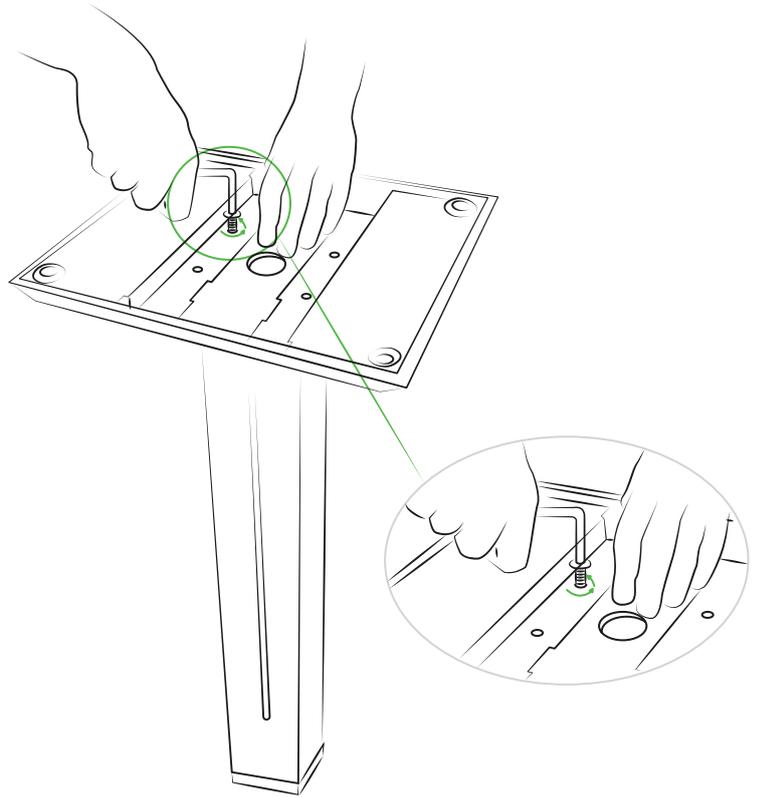


Allen key

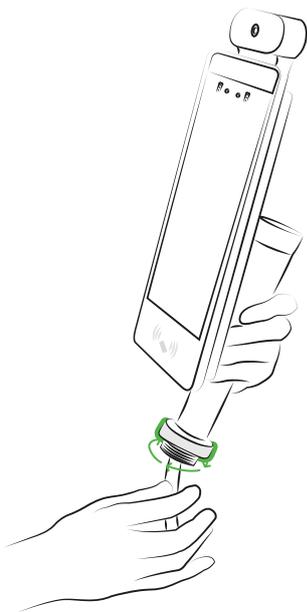
Floor stand & kiosk set-up



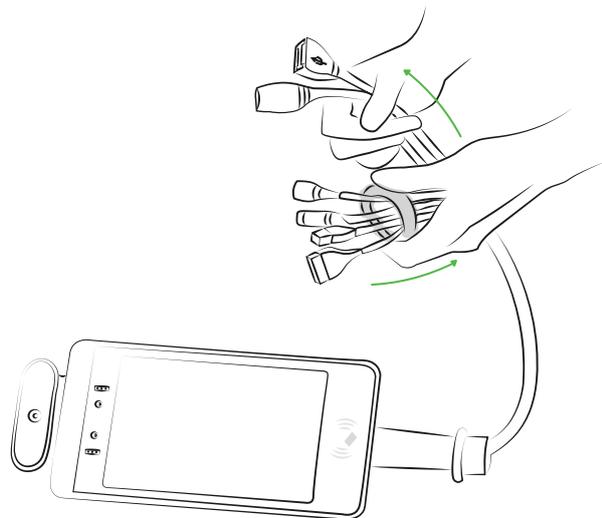
01. Unscrew the screws from the bottom of the stand using the provided allen key



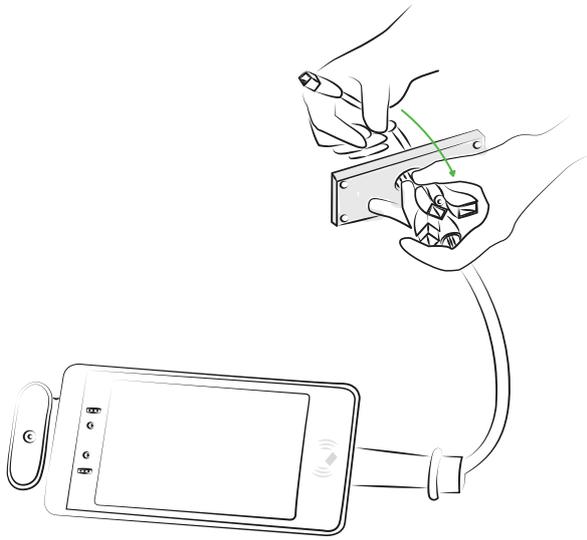
02. Line up the stand with the base and reattach screws



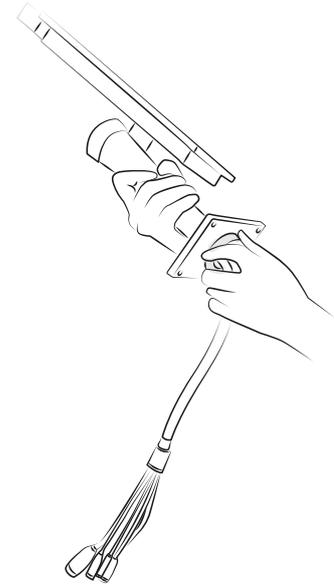
03. Unscrew the safety bolt from the Kiosk



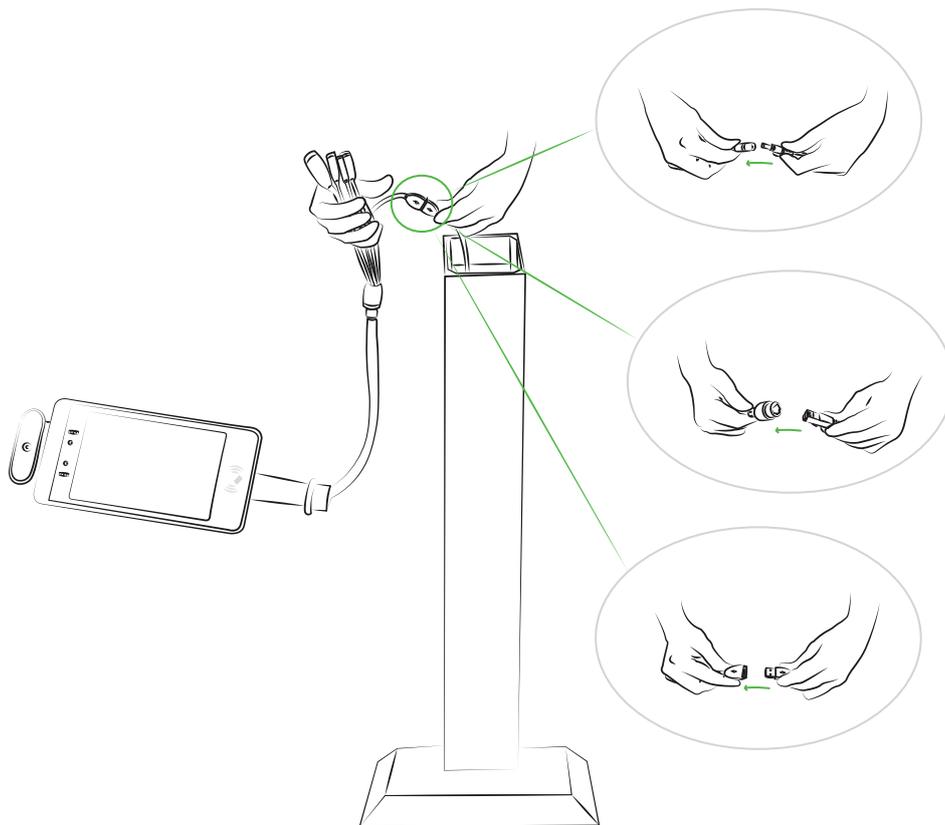
04. Unthread the kiosk cables through the safety bolt



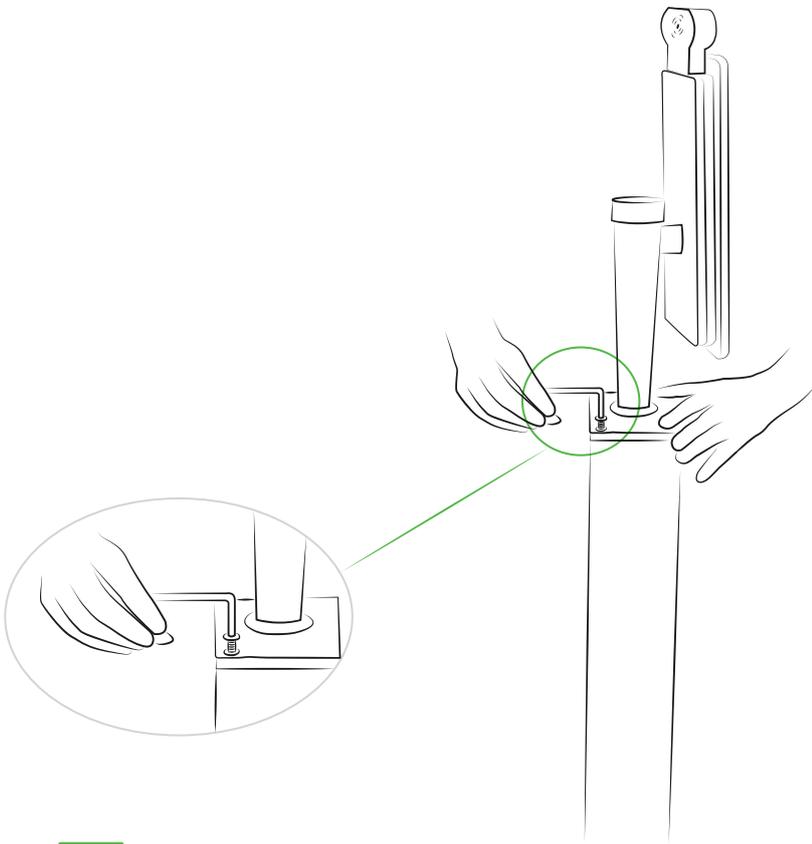
05. Thread the metal plate through the cables



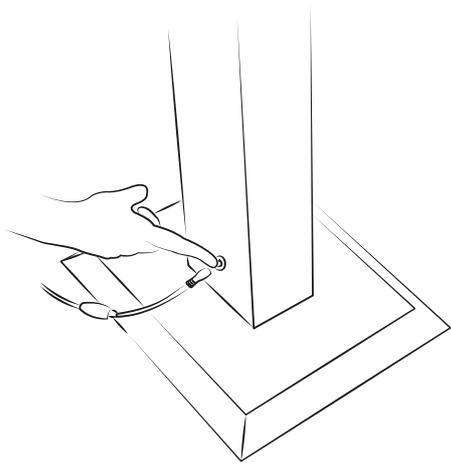
06. Re-thread the safety bolt over the cables and secure onto the kiosk mount



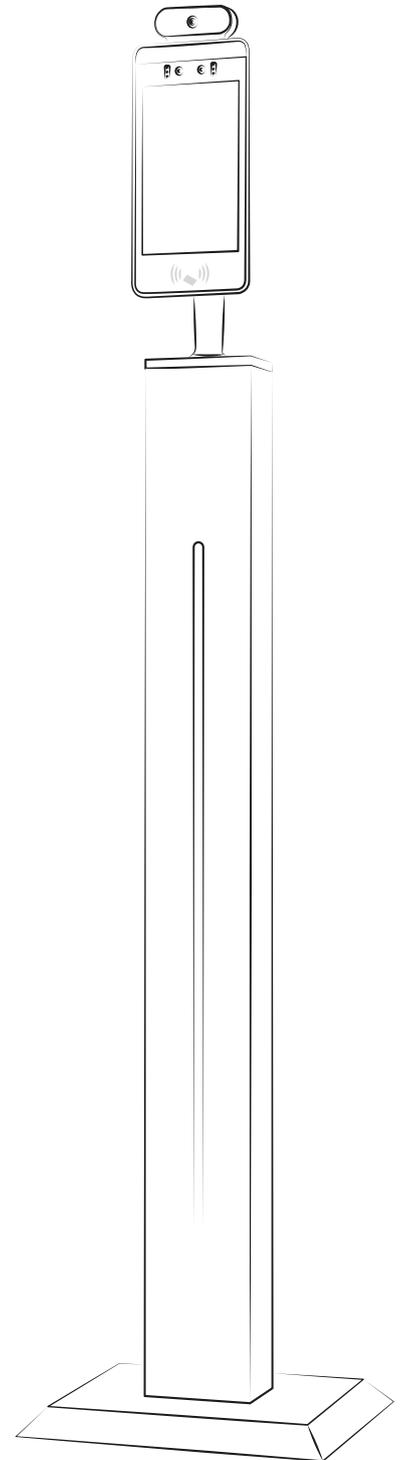
07. Connect the cables from the floor stand to the kiosk cables. There is an ethernet, USB cable and power cable to connect. The floor stand USB cable should connect to the yellow USB cable on the kiosk.



08. Using the allen key provided screw all 4 screws into the metal plate and floor stand

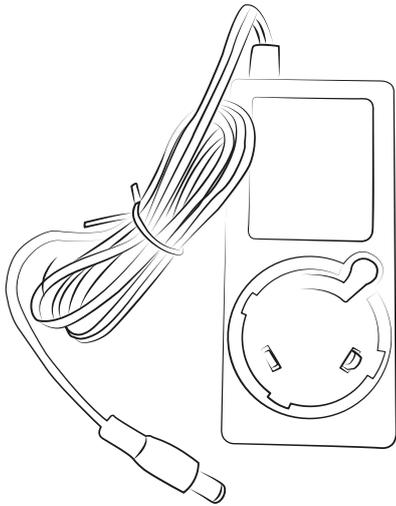


09. Connect kiosk to mains power and press power button

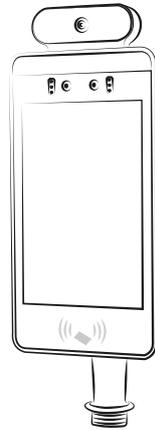


10. Enjoy your kiosk!

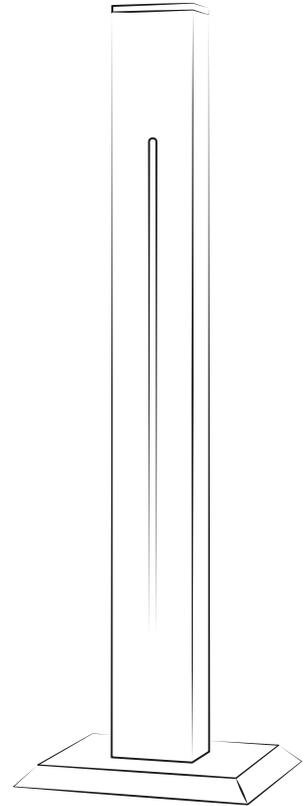
Package contents for a Floor stand temperature kiosk and printer mount



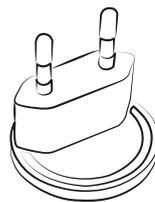
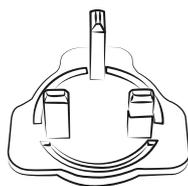
Power supply with global plugs



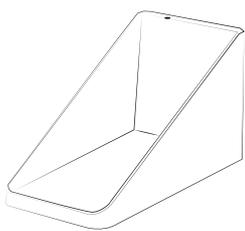
Temperature Kiosk



Floor stand



Global plugs



Printer mount

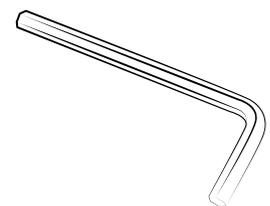


Metal plate used with the printer mount



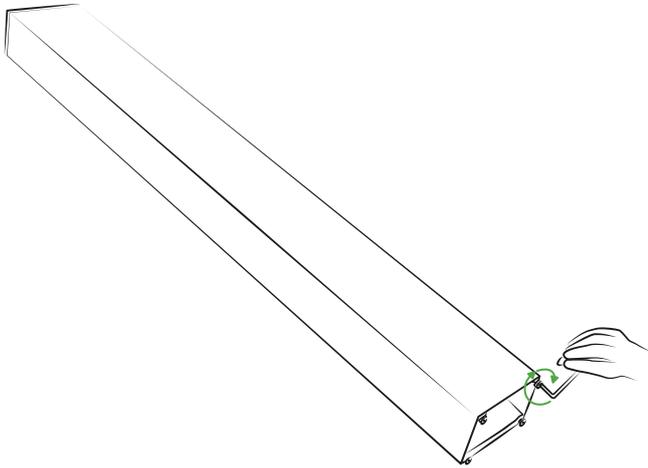
x 2

Screws

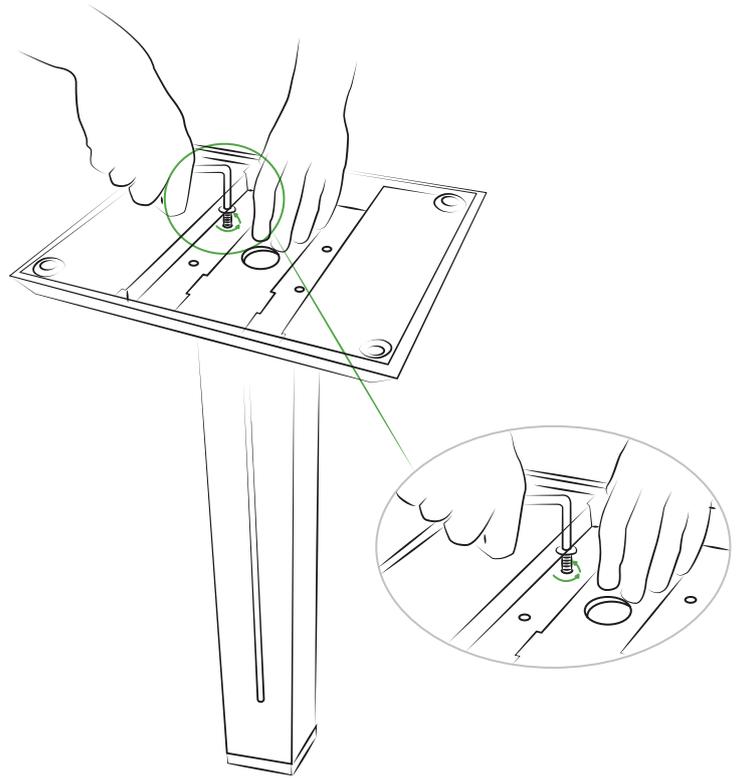


Allen key

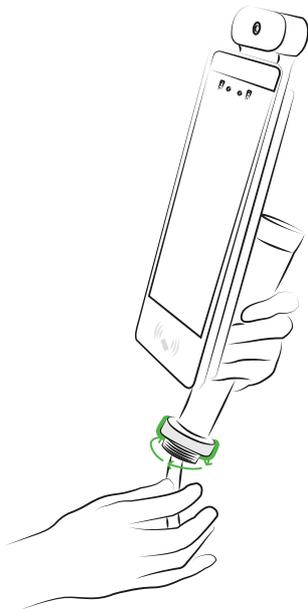
Floor stand & kiosk set-up with printer mount



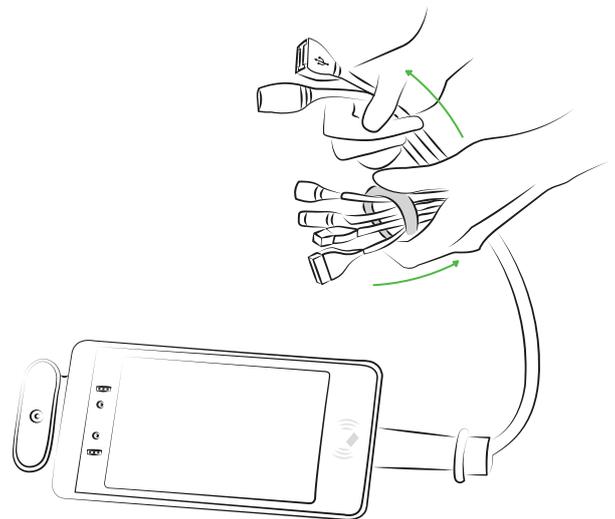
01. Unscrew the screws from the bottom of the stand using the provided allen key



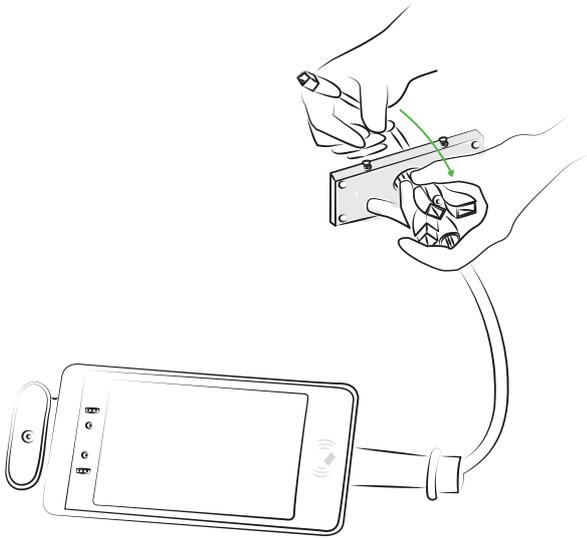
02. Line up the stand with the base and reattach screws



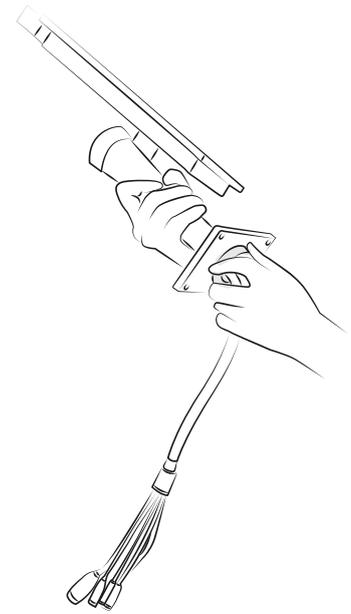
03. Unscrew the safety bolt from the Kiosk



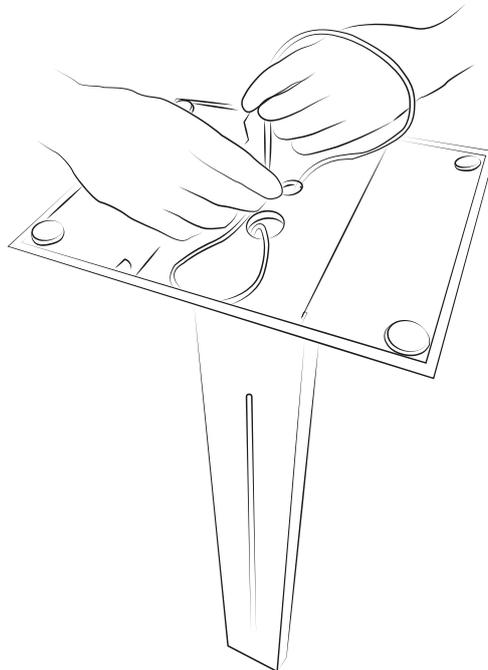
04. Unthread the kiosk cables through the safety bolt



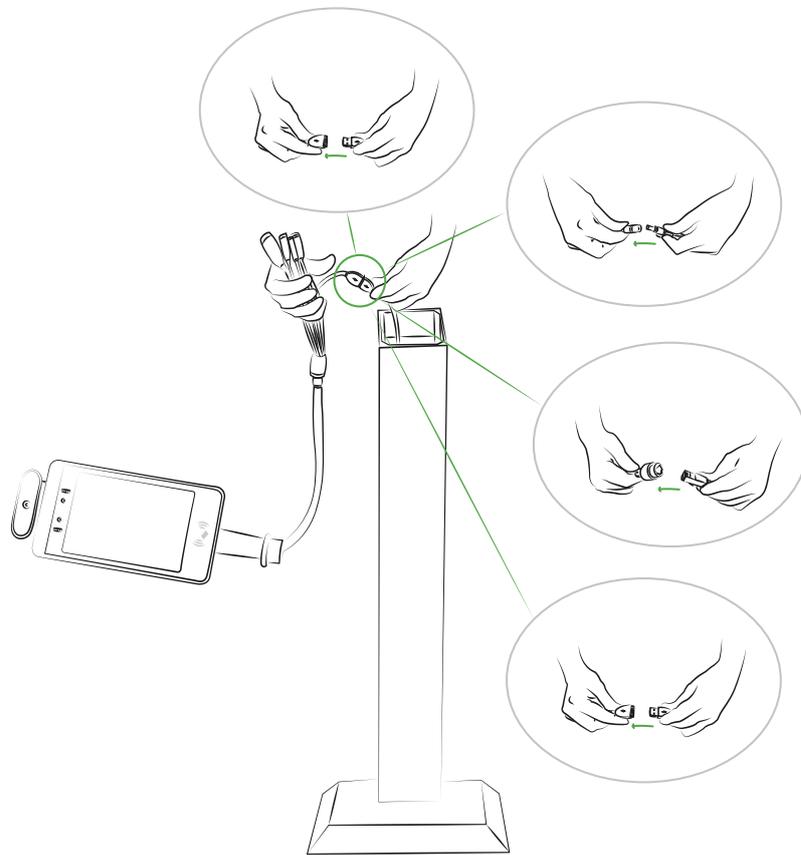
05. Thread the metal plate that comes with the the printer mount through the cables (not the original metal plate that was on the floor stand)



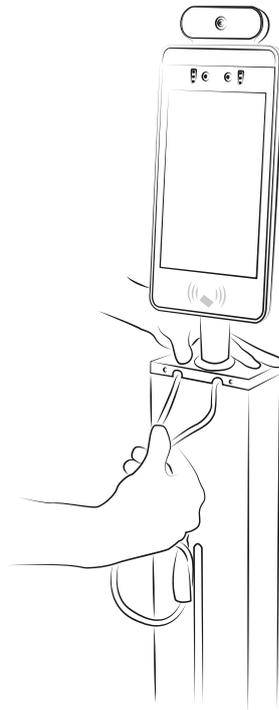
06. Re-thread the safety bolt over the cables and secure onto the kiosk mount



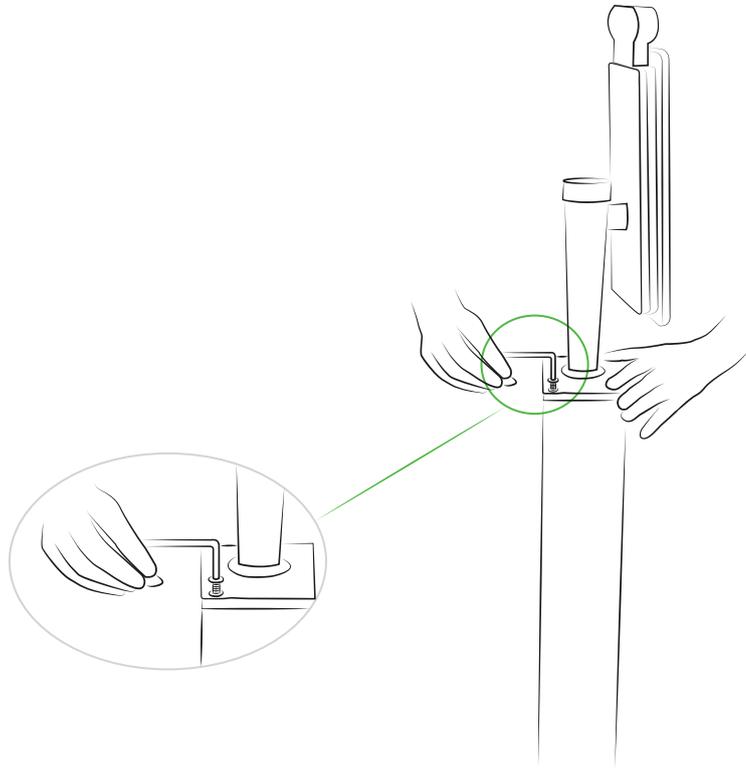
07. Access the bottom of the floor stand and thread the printer power supply up the kiosk till it joins the other cables



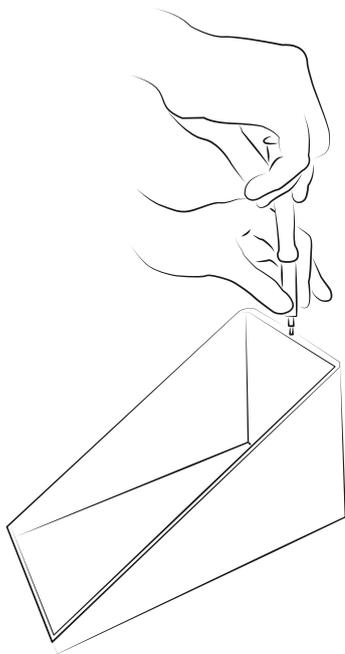
08. Connect the cables from the floor stand to the kiosk cables. There is an ethernet, USB cable and power cable to connect. The floor stand USB cable should connect to the yellow USB cable on the kiosk. Also connect the USB cable supplied with the badge printer to the the white USB cable on the kiosk.



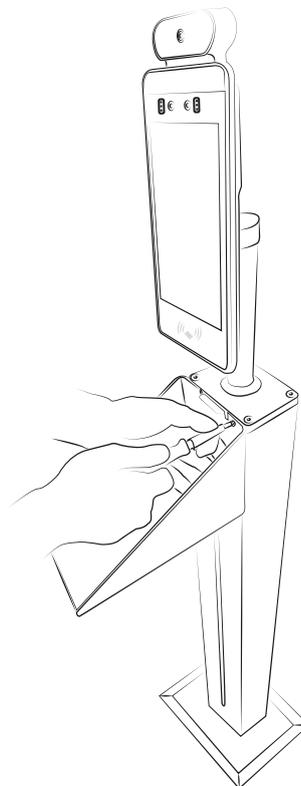
09. Before securing the metal plate, thread the printer cables (USB and power) through and line up with the two holes on the metal plate



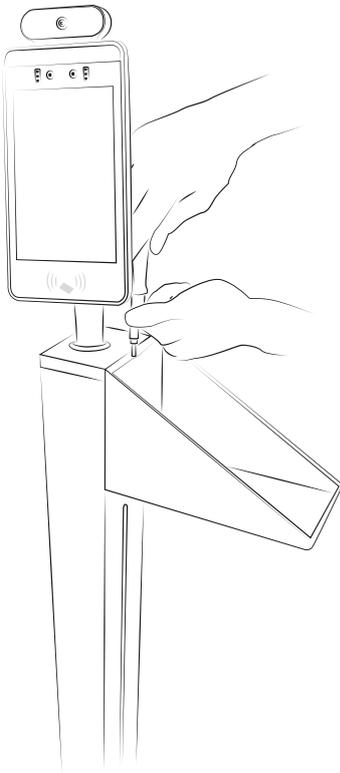
10. Using the allen key provided screw all 4 screws into the base plate and floor stand



11. Unscrew the cable tidy slot so you can access the holes to attach the mount to the kiosk



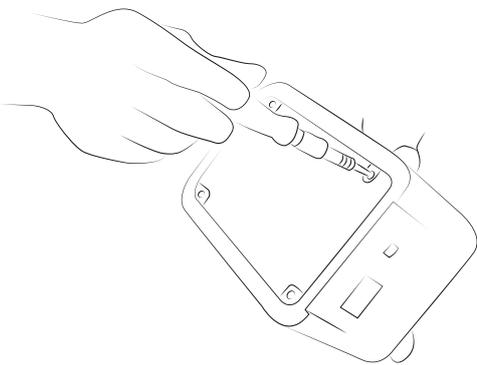
12. Attach the mount to the stand using the screws from the package



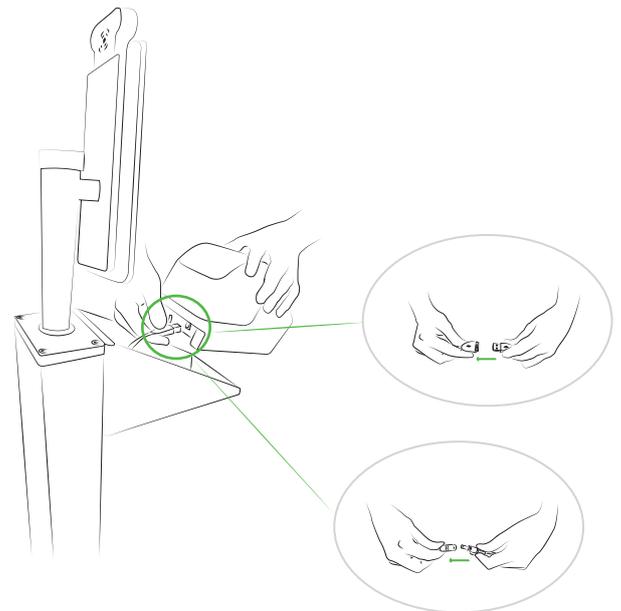
13. Re-attach the cable tidy



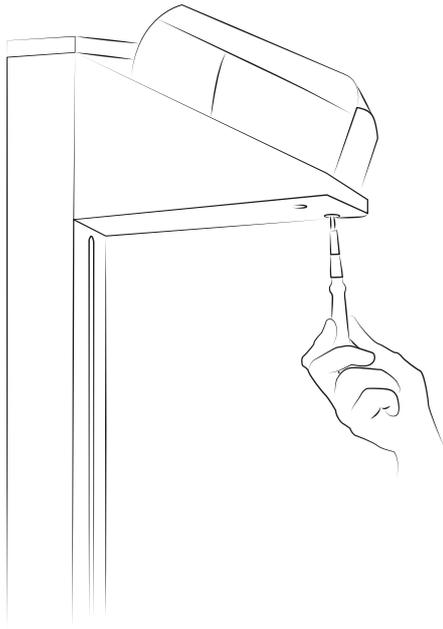
14. Remove the feet on the bottom of the badge printer. These may be glued on so may be difficult to remove



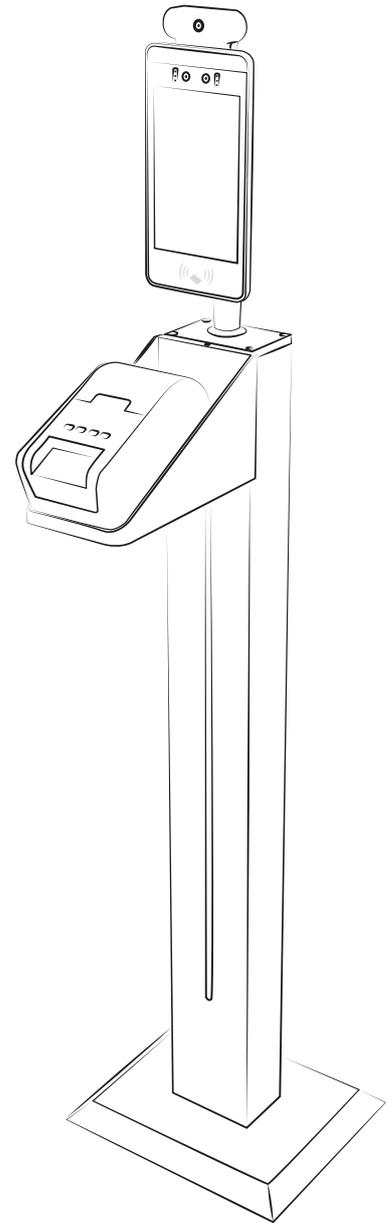
15. Remove the screws from the base plate on the printer but leave plate in place



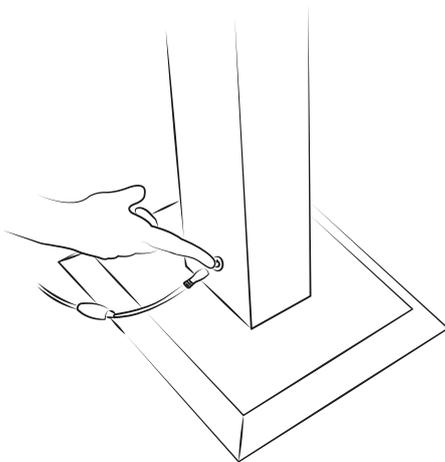
16. Connect the USB cable and power cable to the badge printer.



17. Line up the badge printer screw holes with holes in the printer mount and reattach the printer for security

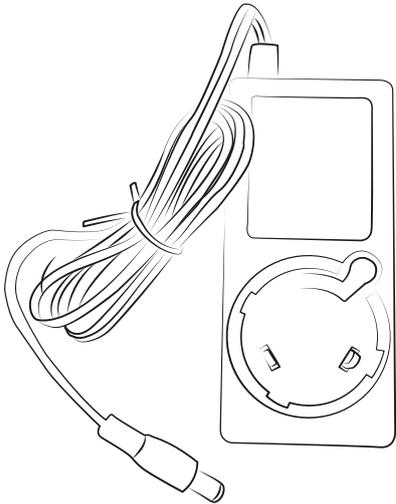


19. Enjoy your kiosk and badge printer!

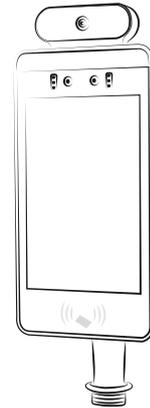
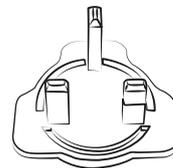


18. Connect kiosk to mains power and press power button

Package contents for a wall mount and temperature kiosk - Zentron 8 / LD-AITemp



Power supply

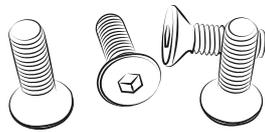


**Temperature Kiosk
and wall mount**



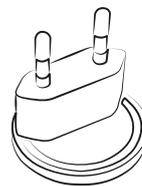
x 4

Rawl plugs



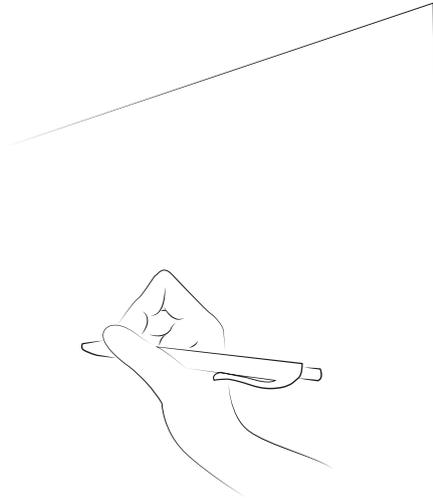
x 4

screws

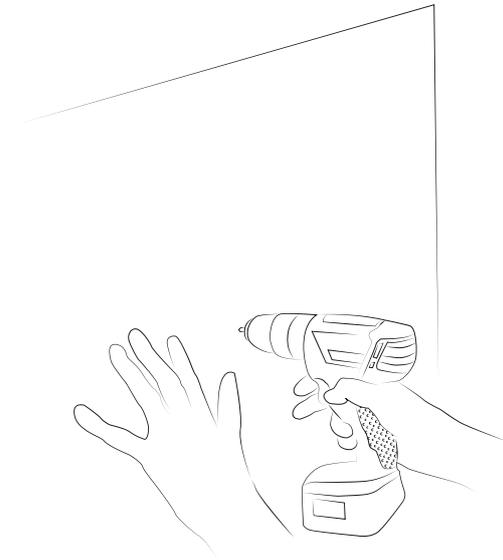


Global plugs

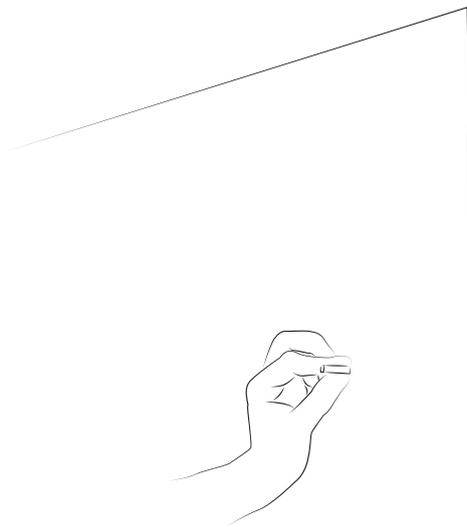
Wall mount and kiosk set-up - Zentron 8 / LD-AITemp



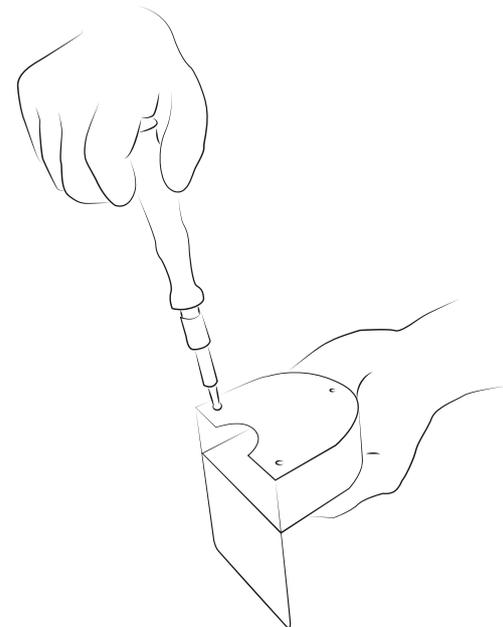
01. Mark out where the drill holes will need to be, spacing the holes out by 60mm



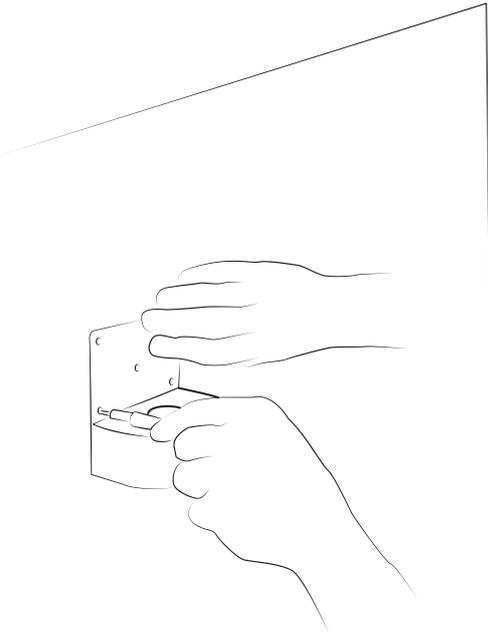
02. Drill into the wall using a 6mm drill bit



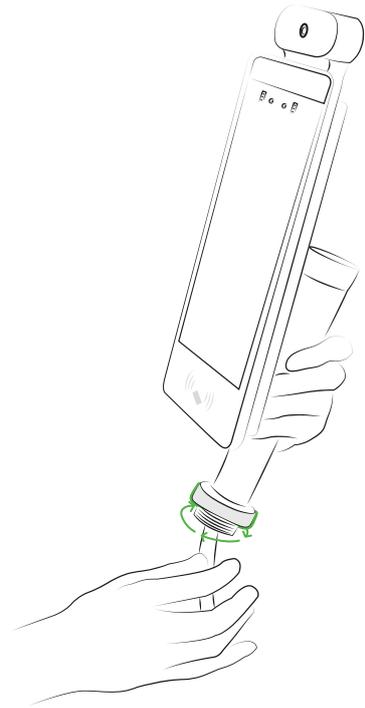
03. Place the rawl plugs into the drilled holes



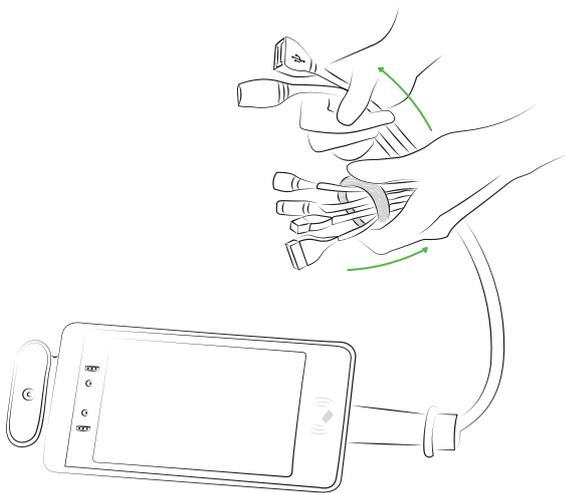
04. Unscrew the base plate from the wall mount



05. Line the wall mount up with the drilled holes and fix into the wall



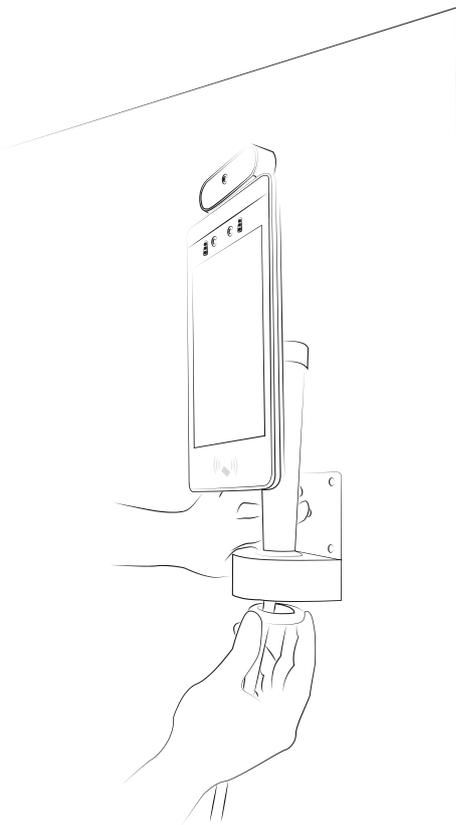
06. Unscrew the safety bolt from the kiosk



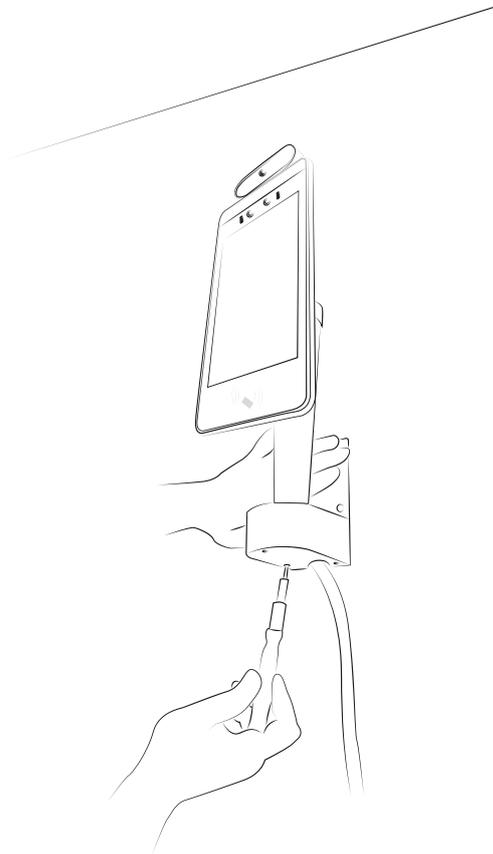
07. Unthread the kiosk cables through the safety bolt



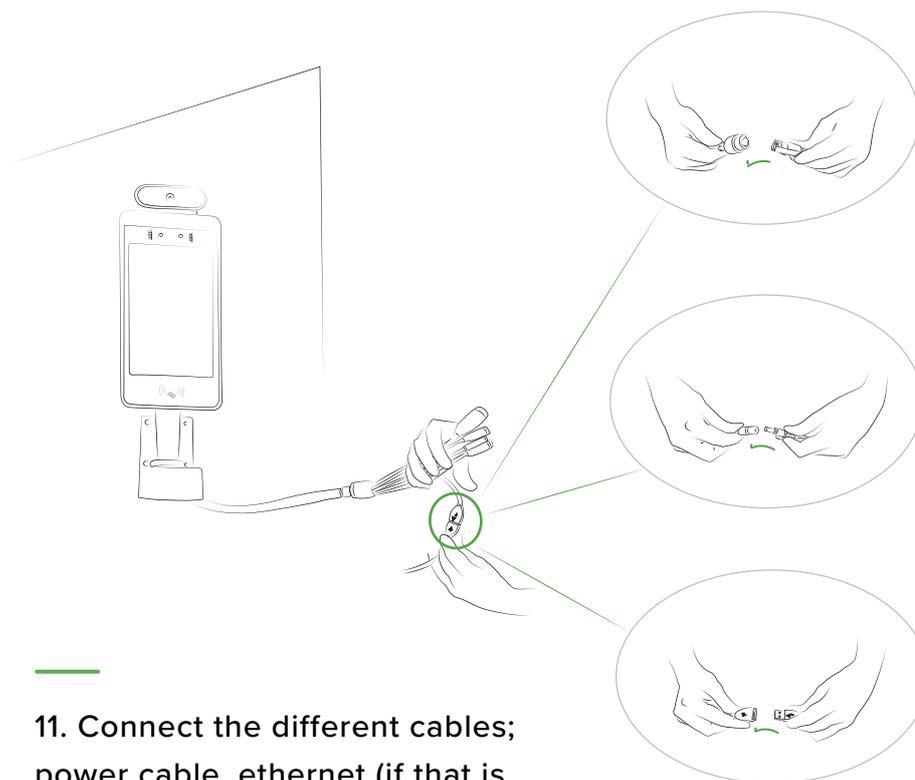
08. Place the kiosk into the wall mount



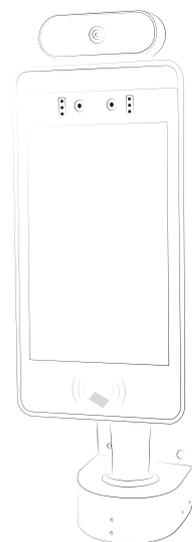
09. Secure in place with the safety bolt



10. Re-attach the base plate onto the wall mount

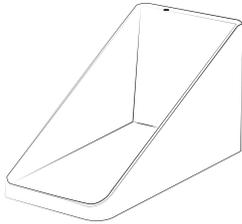


11. Connect the different cables; power cable, ethernet (if that is required) and USB to the badge printer, using the white USB (if you are using one)



12. Enjoy your Kiosk!

Package contents for a printer mount



Printer mount



***Metal plate**

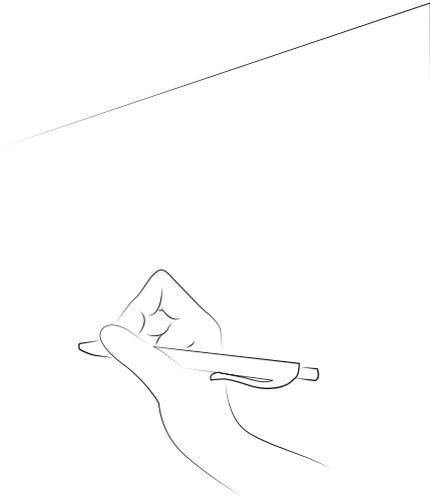


x 2

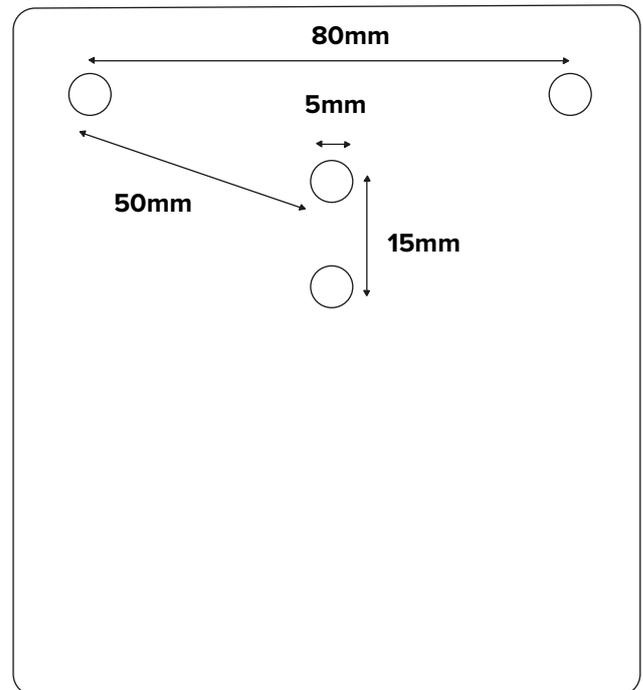
Screws

* This metal plate is send out with all printer mounts. It is not required for a wall mount set-up however you may want to hold onto it incase you require a floor stand

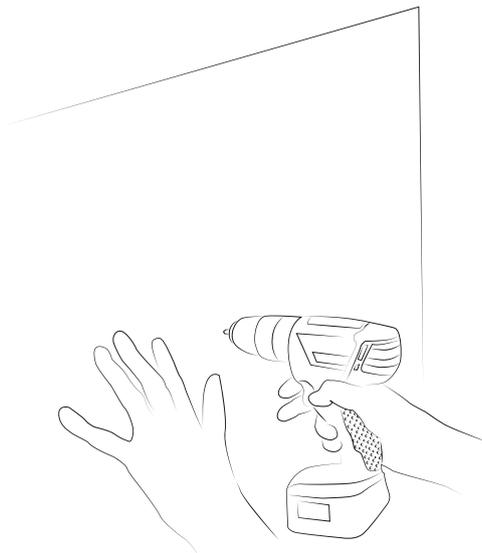
Wall-mounted printer set-up



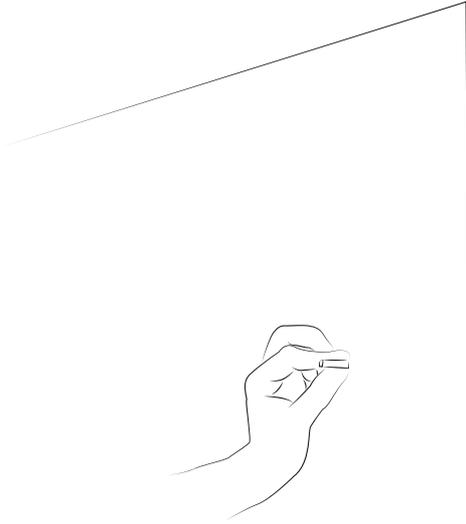
01. Mark out where the drill holes will need to be, look at following diagram for measurements



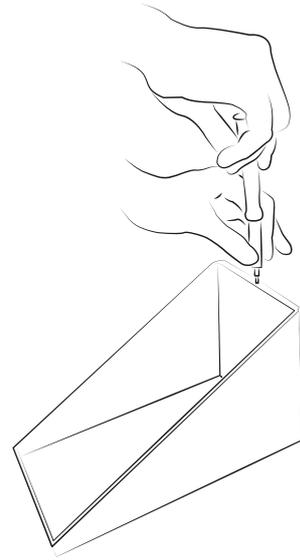
**Measurements are from centre to centre of circle*



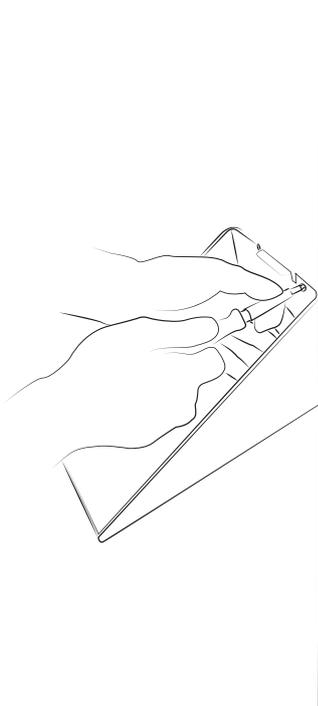
02. Drill into the wall using a 6mm drill bit



03. Place the rawl plugs into the drilled holes



04. Unscrew the cable tidy slot so you can access the holes to attach the mount to the kiosk



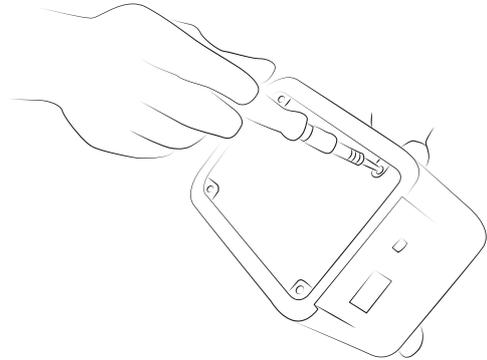
05. Line the printer mount up with the drilled holes and fix into the wall



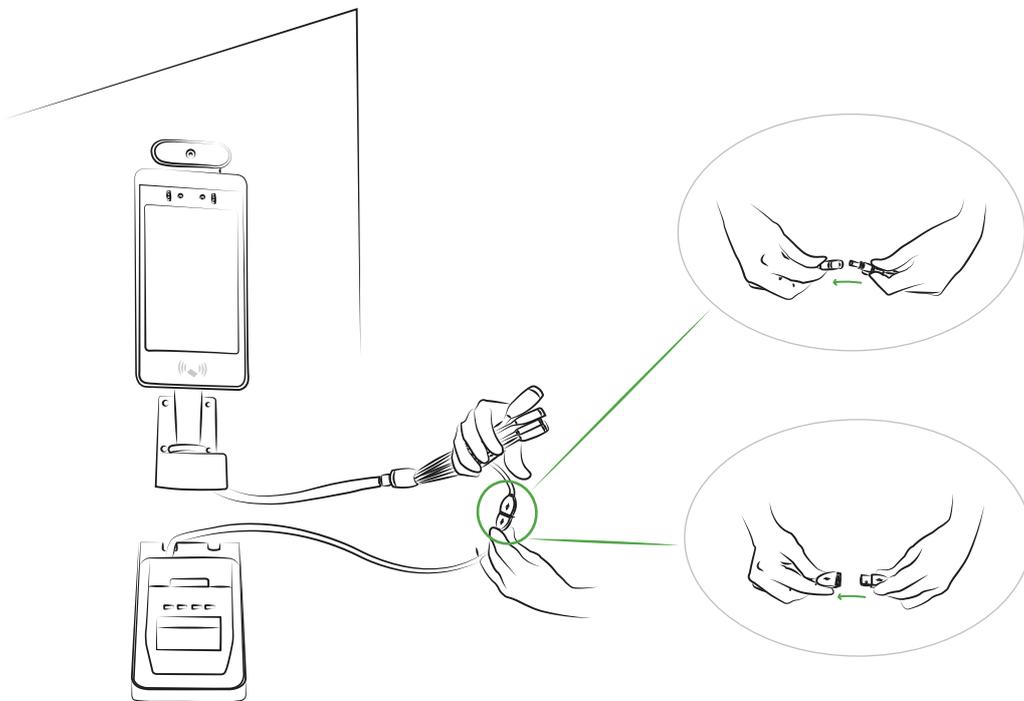
06. Re-attach the cable tidy



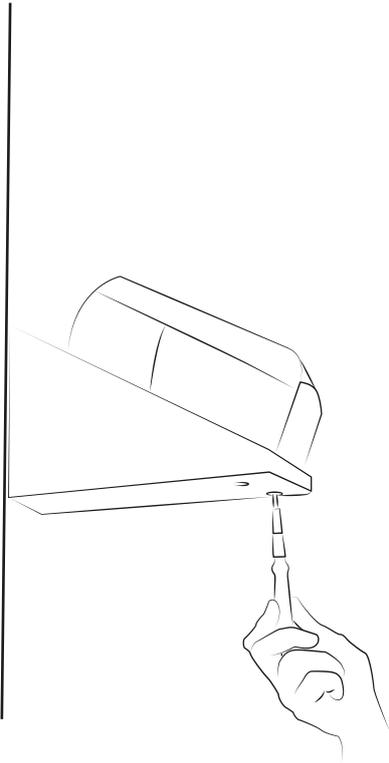
14. Remove the feet on the bottom of the badge printer. These may be glued on so may be difficult to remove



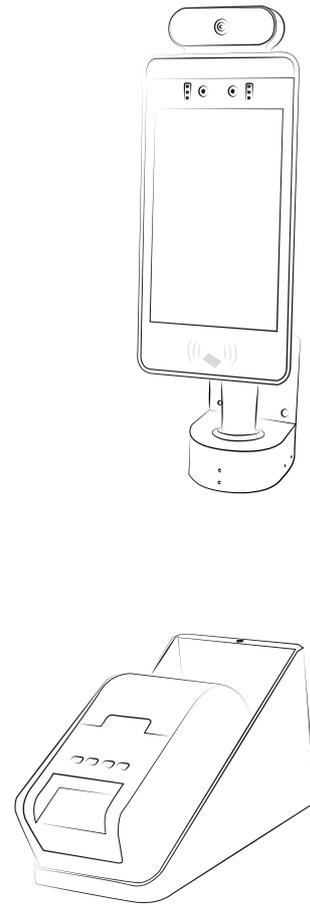
15. Remove the screws from the base plate on the printer but leave plate in place



07. Connect the badge printer to the kiosk and power cable



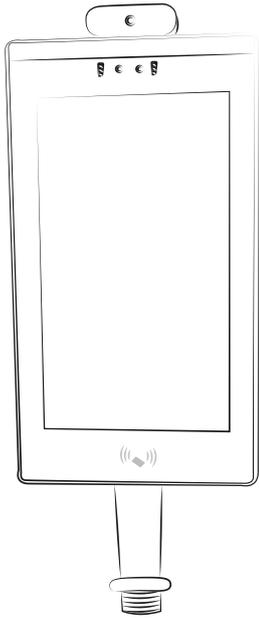
08. Line up the badge printer screw holes with holes in the printer mount and reattach the printer for security



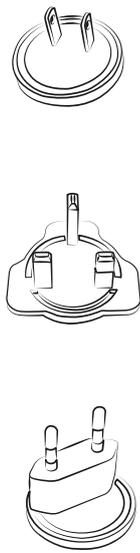
09. Connect to mains power and enjoy your kiosk and badge printer!

Package contents for a wall mount and temperature kiosk - Zentron 15

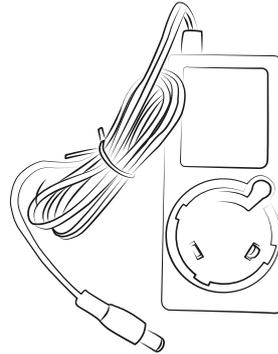
This kiosk may require another person to assist.



Temperature Kiosk



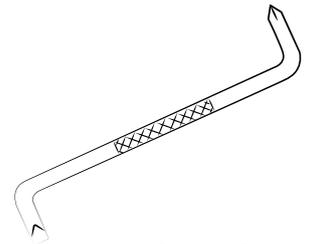
Global plugs



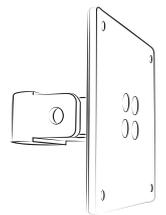
Power supply



Allen key

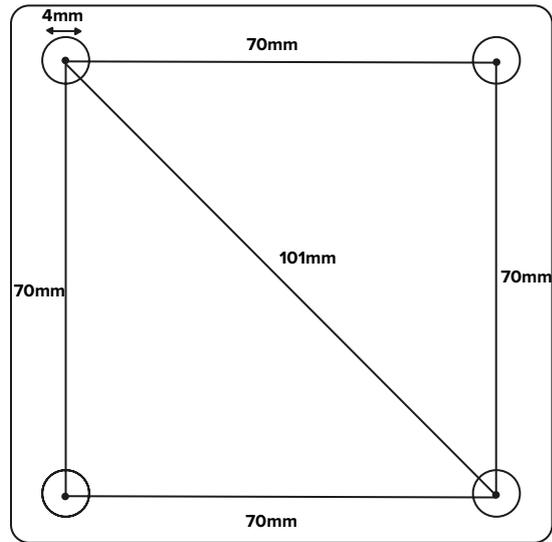
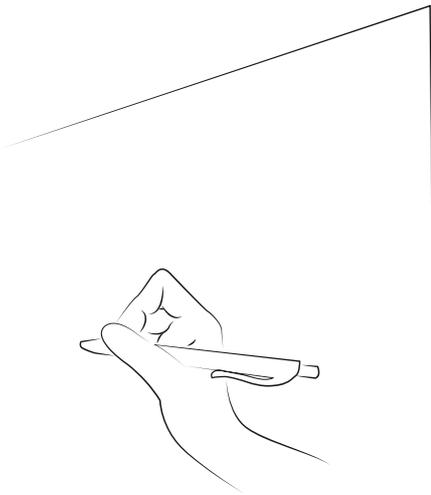


L-shaped screwdriver



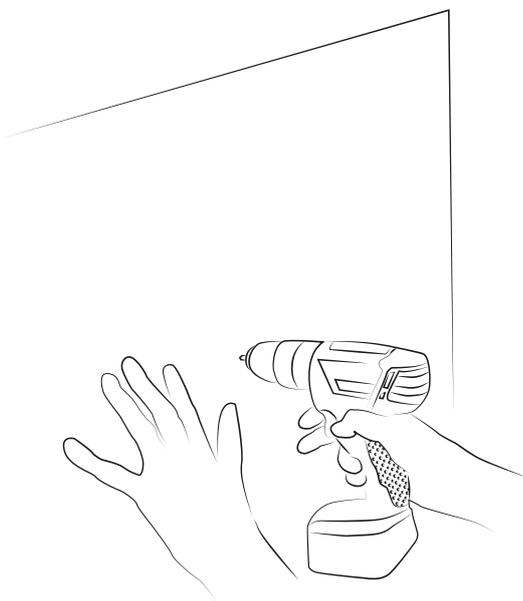
Wall mount

Wall mount and kiosk set-up - Zentron 15

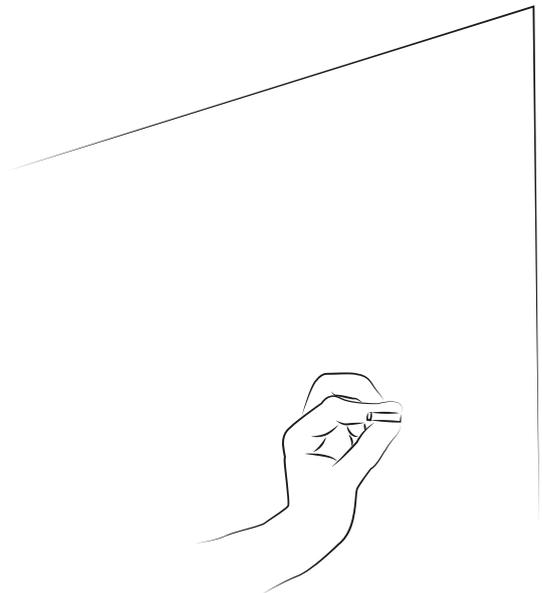


**Measurement is from centre to centre of circle*

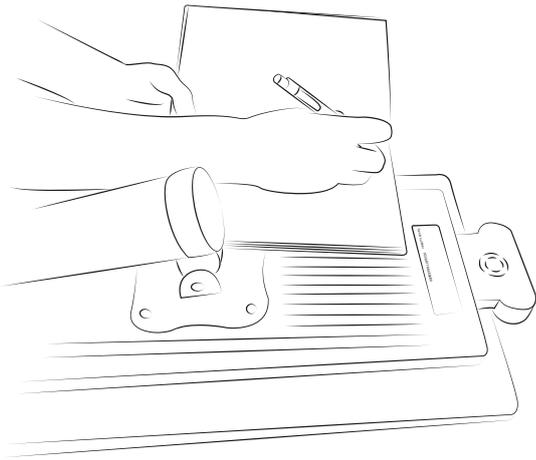
01. Mark out where the drill holes will need to be, look at following diagram for measurements



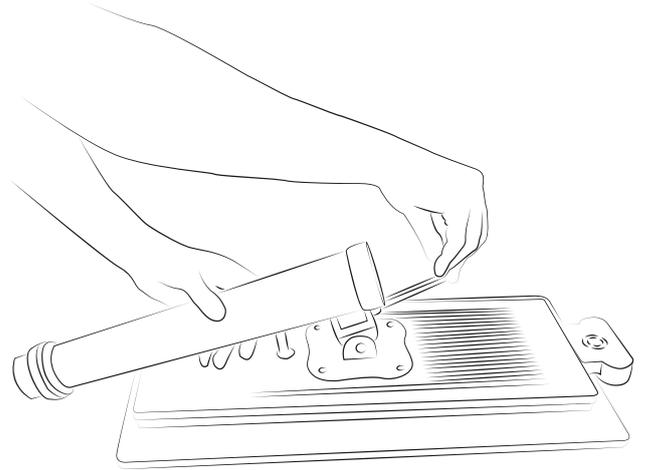
02. Drill into the wall using a 6mm drill bit



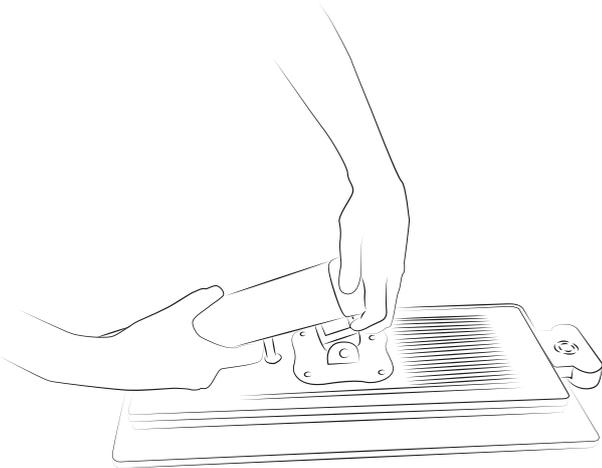
03. Place the rawl plugs into the drilled holes



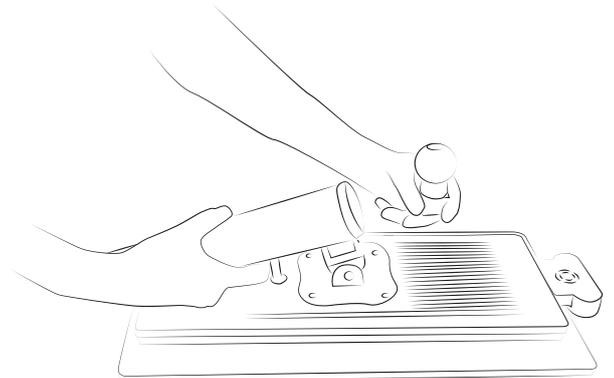
04. Make a note of the serial number on the back of the kiosk as you will need this to register your kiosk later



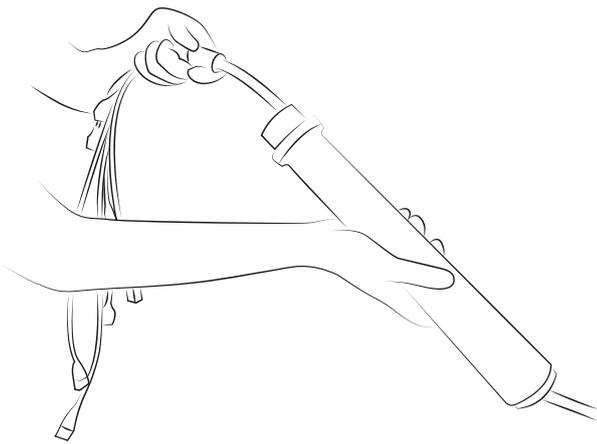
05. Unscrew the bolt on the pole using an allen key



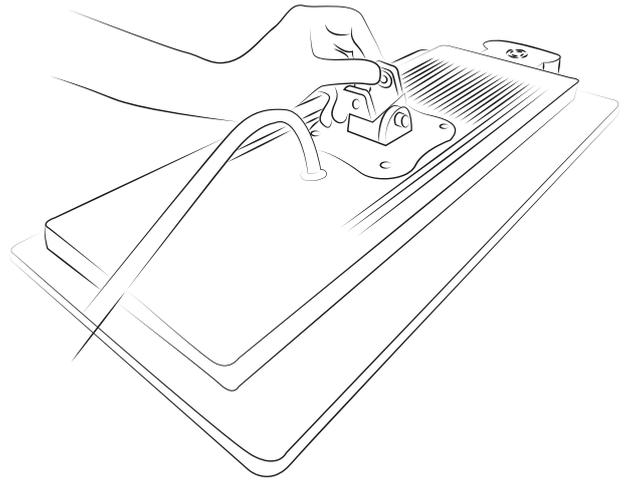
06. Unscrew the top of the pole



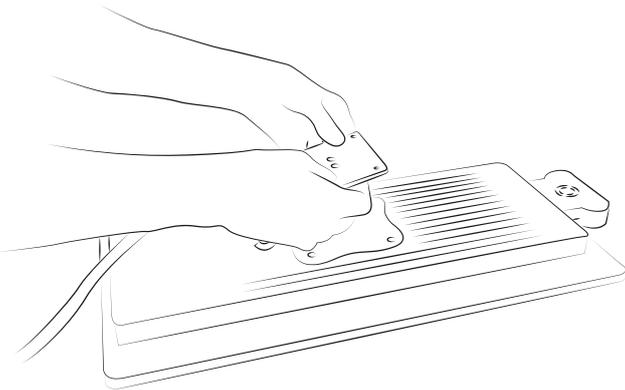
07. Remove the spherical joint so that the cables can be removed



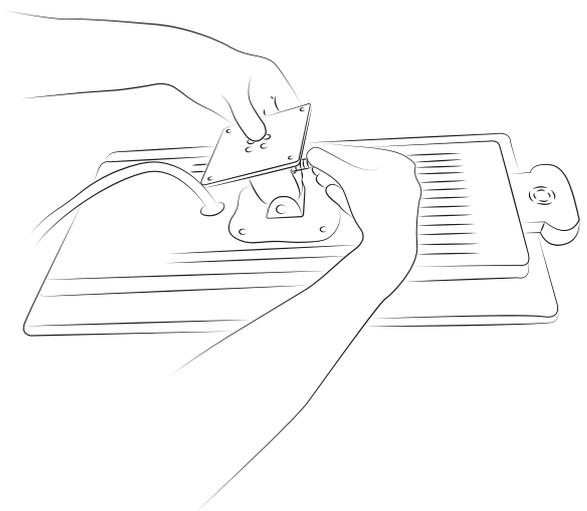
08. Pull the cables through the pole



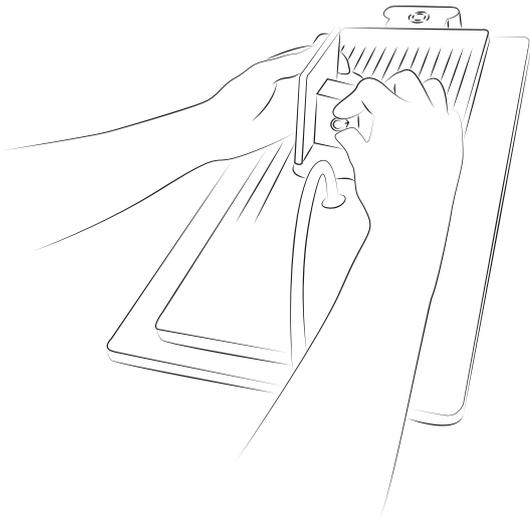
09. Line up the washer with the hole in the Vesa mount



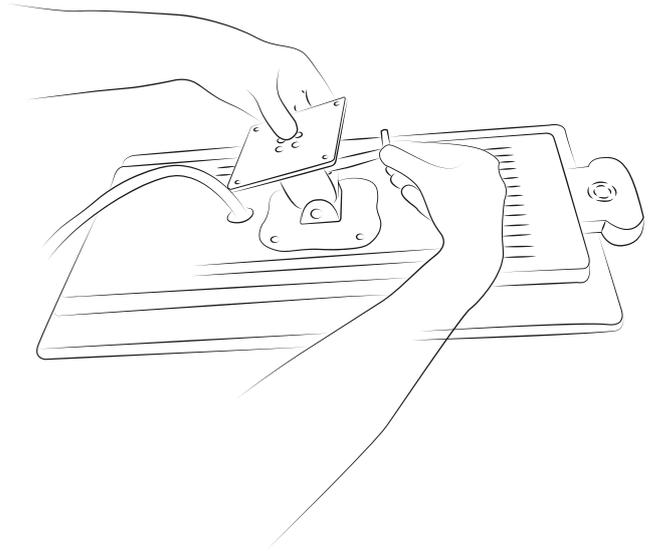
10. Line the wall mount up with the vesa bracket on the back of the kiosk



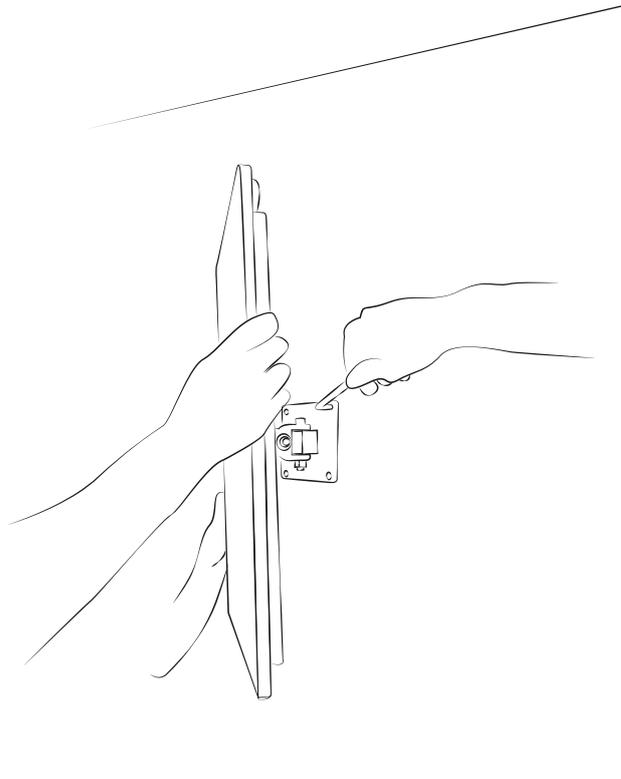
11. Attach the wall mount to the vesa bracket with the screw that was removed earlier



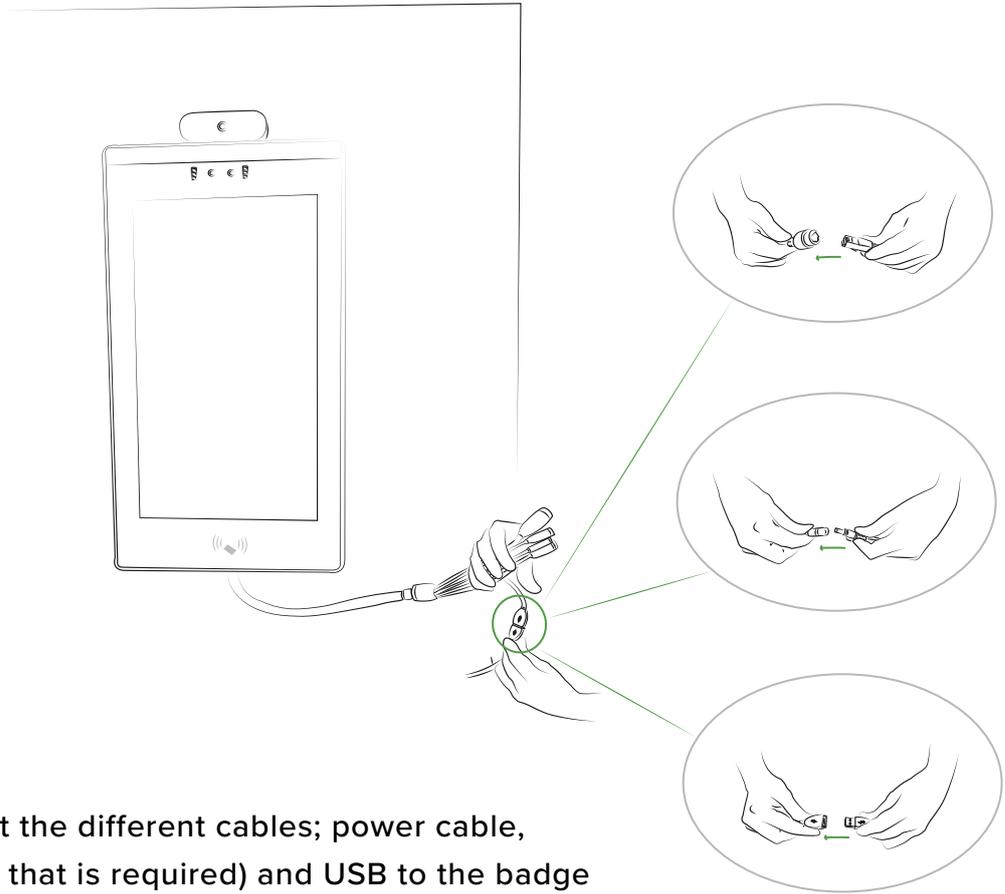
12. Attach using the bolt



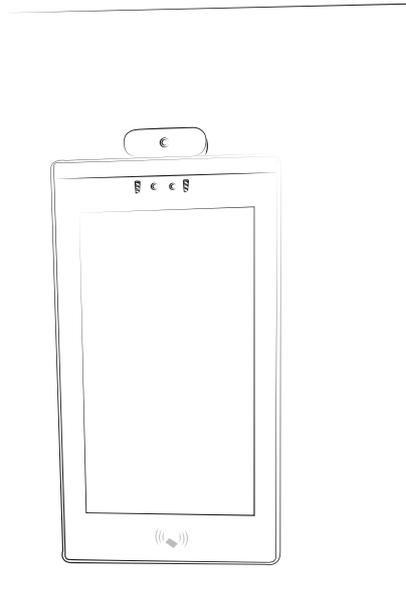
13. Secure again with the allen key



14. This step will require 2 people. Place the kiosk against the wall that was prepared earlier and screw into the wall using the L screw driver that was provided



15. Connect the different cables; power cable, Ethernet (if that is required) and USB to the badge printer (if you are using one).



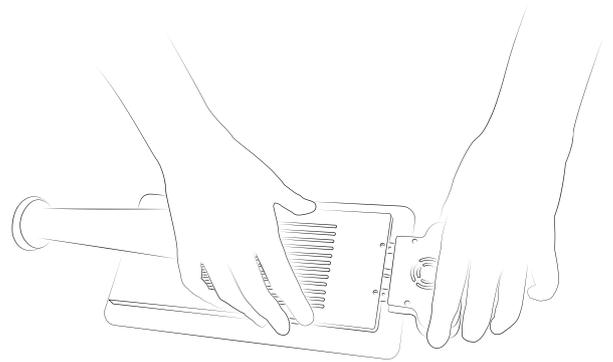
16. Enjoy your Kiosk!

Disconnecting your temperature sensor

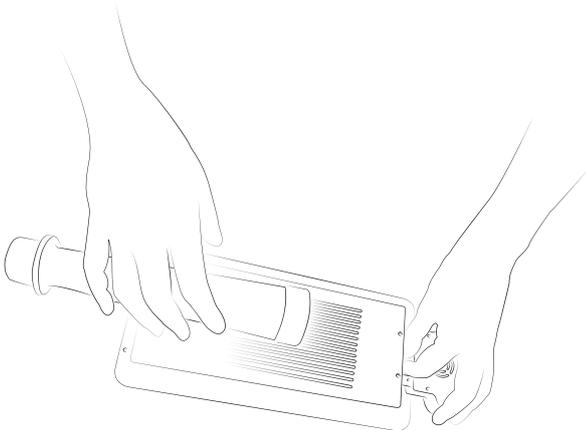
The temperature sensor on your device can be removed if not required and the device can be used as a visitor and employee sign-in kiosk without temperature scanning. **The sensor cannot be removed on the LD-AITemp (Gen 1) model.**



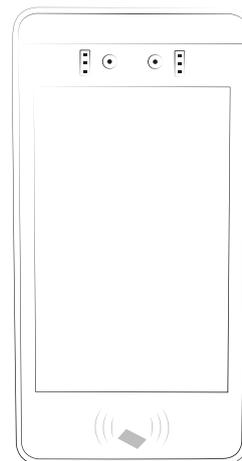
01. Remove the 2 screws that connect the temperature mount to the kiosk



02. Gently pull the temperature mount out of the kiosk, being mindful the USB is still connected



03. Disconnect the USB in the mount from the kiosk



04. Enjoy your visitor kiosk!



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For FAQs and tutorial videos please visit

lomasatech.com