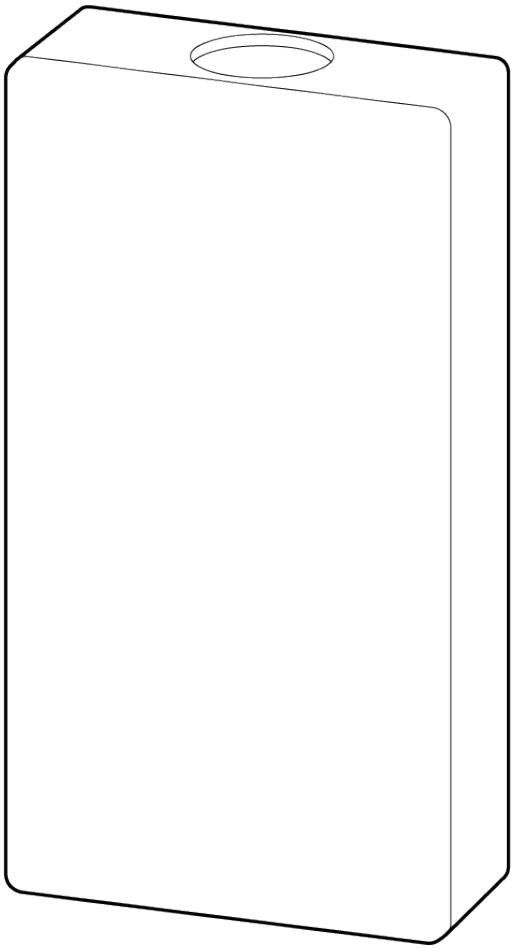
Install Guide

ACC-POE-2WIRE

2-wire to PoE Converter Bundle



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Document

Document Details

V1.0 (20230329)

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Firmware

Firmware version can be verified on
Verkada Command command.verkada.com.

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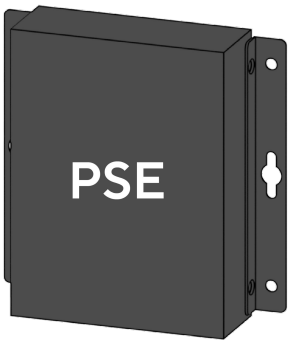
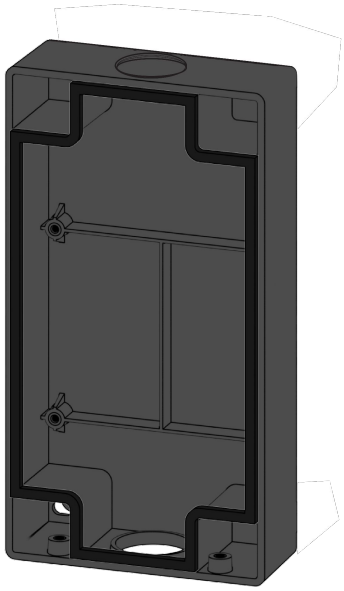
What's in the box

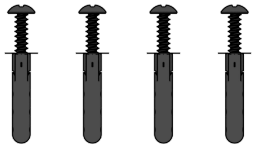
Converter Electronics - PD



Converter Electronics - PSE

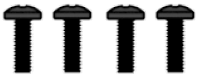


Enclosure



4 Wall screws with anchors

1 Adapter Nut and O-ring



4 M3x8 screws
(to assemble electronics to enclosure)

What you'll need

- TD52 Video Intercom
- ACC-MNT-SURF Video Intercom Surface Mount Box
- A working internet connection
- A smartphone or laptop
- #2 Phillips driver
- Adjustable wrench or 30mm socket
- 1/4" (or 6mm) drill bit if using wall anchors
- Drill

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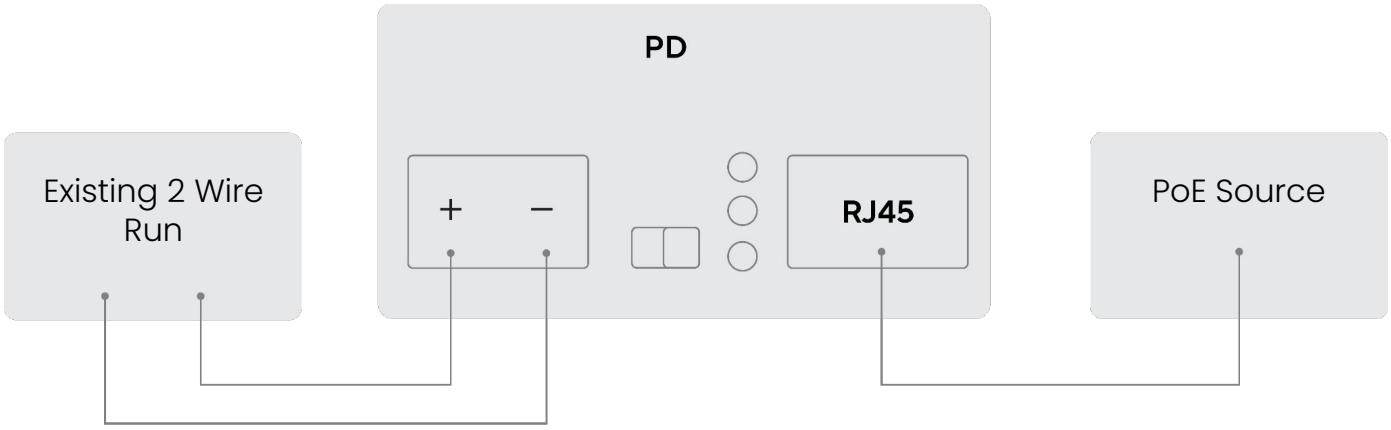
Wiring the PD

To add PoE to the 2-wire line, plug the existing 2-wire cabling into the PD unit and PoE source. This may be in a server closet or elsewhere inside the building.



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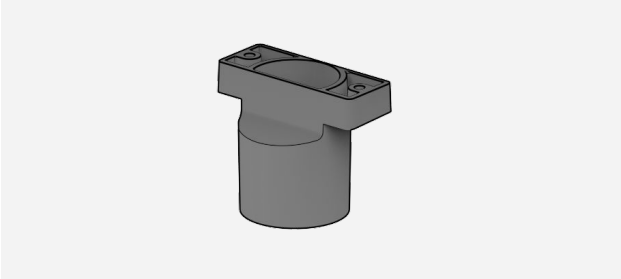
Mounting 1/3

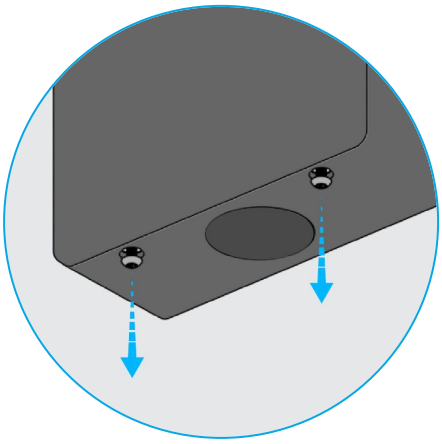
Please note: Before starting ACC-POE-2WIRE install, please complete the installation of ACC-INT-SURF Surface Mount Box.

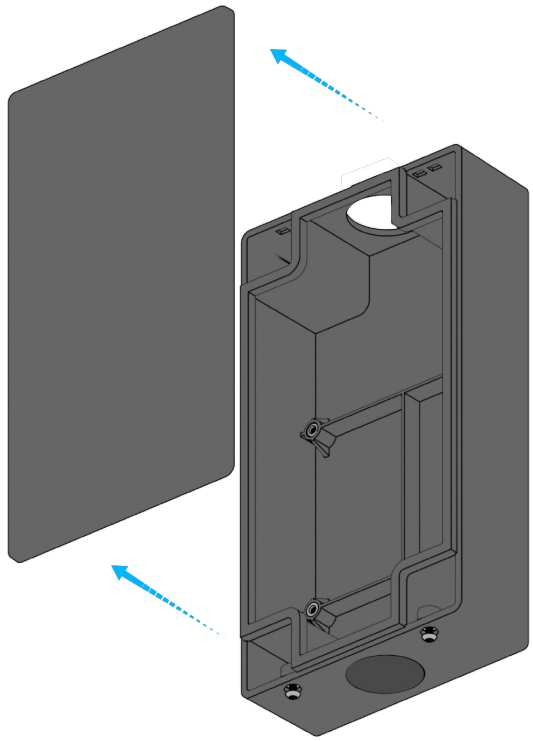
Utilize the conduit adapter from ACC-INT-SURF Surface Mount Box.



Conduit adapter from ACC-INT-SURF

Loosen the two screws on the ACC-POE-2WIRE enclosure and remove cover.





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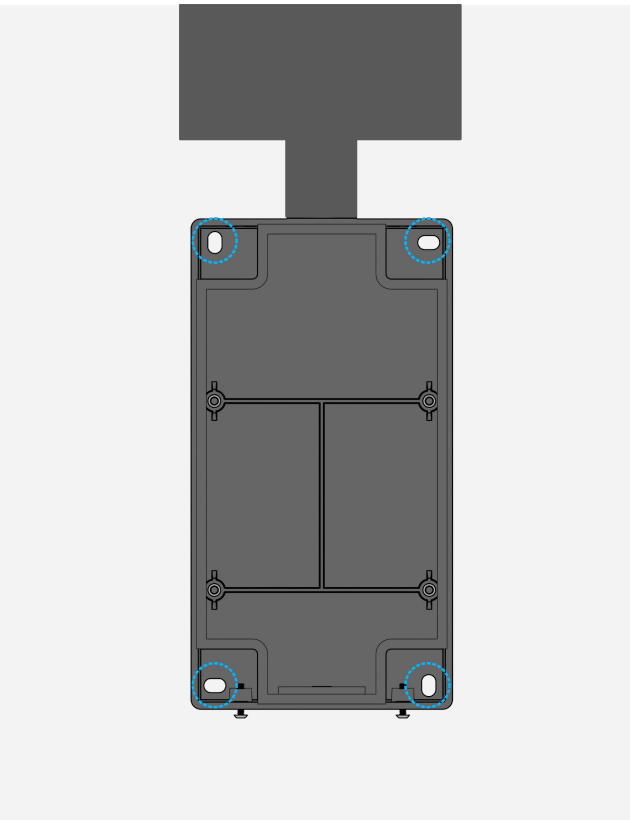
Mounting 2/3

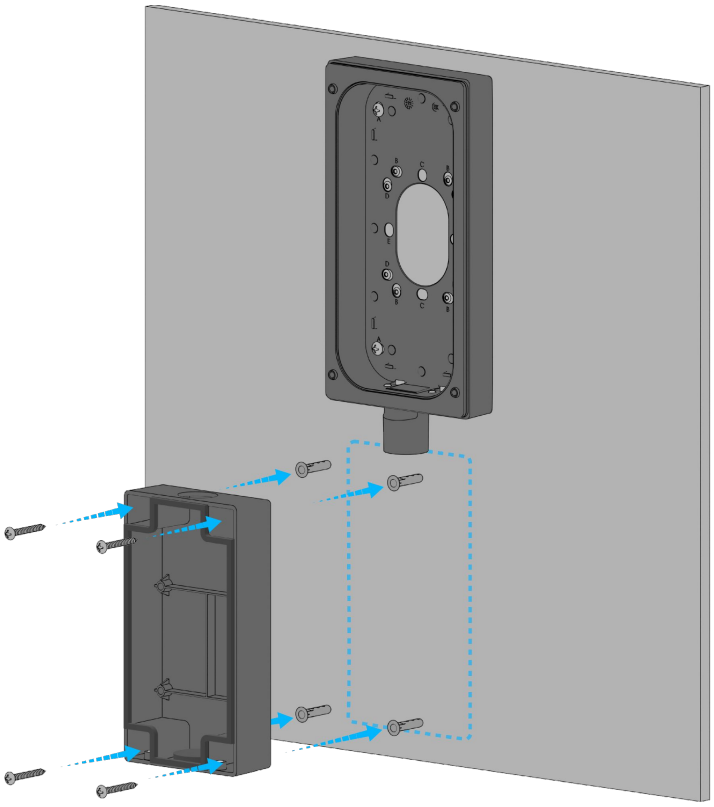
Position the enclosure centered underneath the Surface Mount Box so that the conduit adapter aligns with the enclosure hole.

Mark the screw locations in the corners of the enclosure.



Drill four ¼" (6mm) holes in the wall and install wall anchors.

Mount the enclosure to the wall using the provided wall screws.



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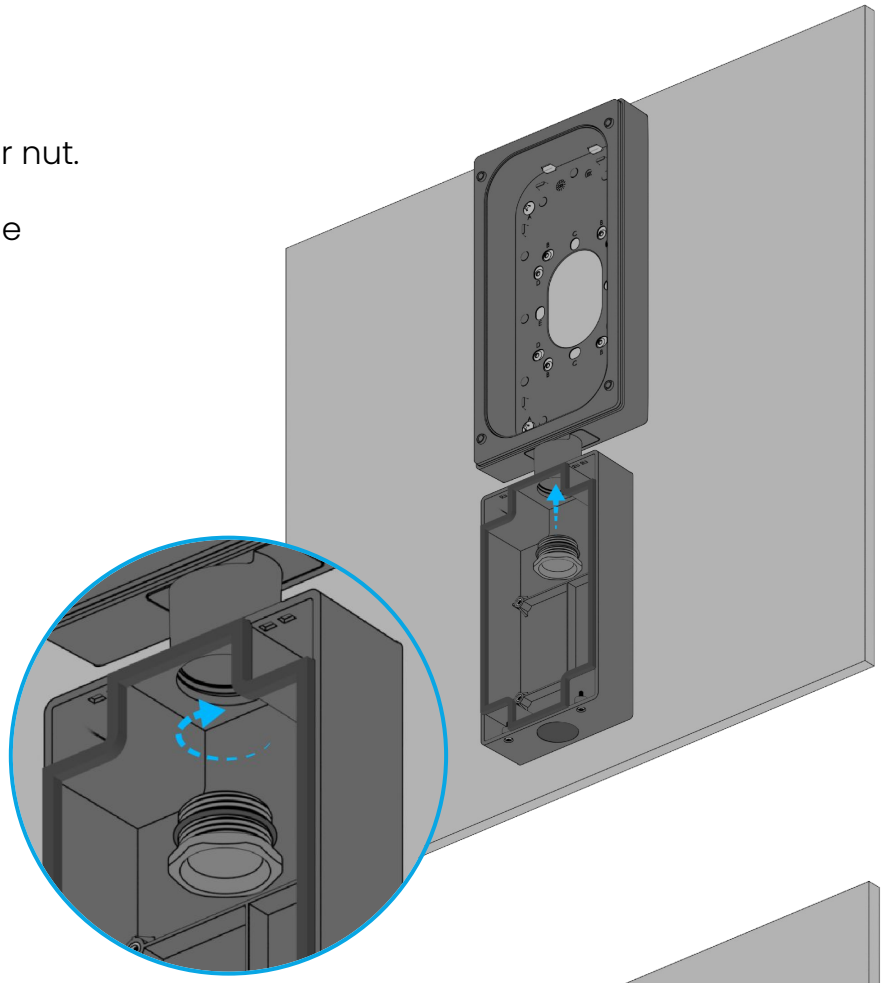
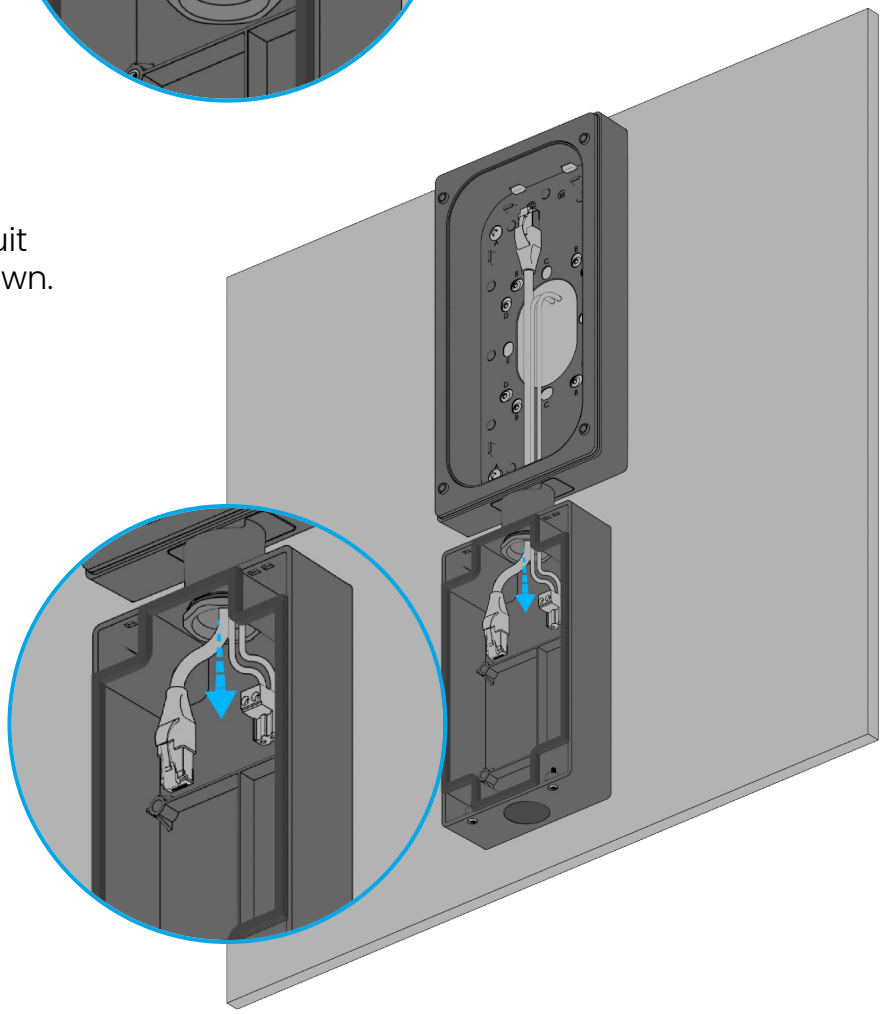
Mounting 3/3

Attach the O-ring onto the adapter nut.

Thread the adapter nut through the enclosure, connecting it with the conduit adapter.



Pass the cables through the conduit adapter, into the enclosure, as shown.



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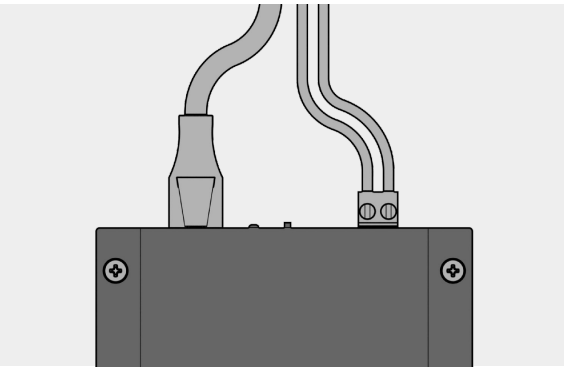
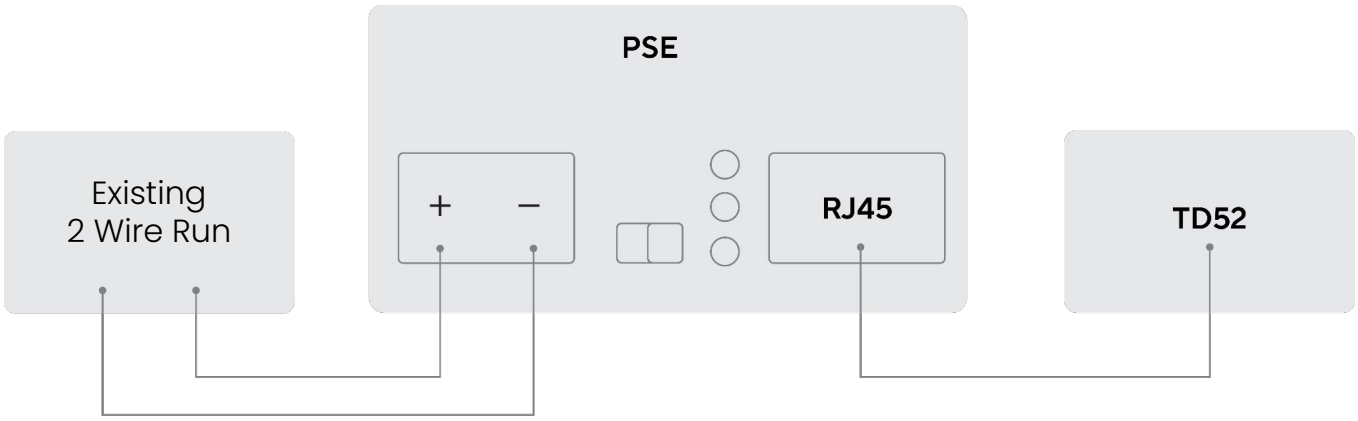
Wiring the PSE

Inside the ACC-POE-2WIRE enclosure, plug the 2-wire lines into the PSE unit, and plug the included Ethernet cable into the “PoE” e-link port.

Plug the other end of the ethernet cable into the back of the TD52 intercom as shown in the TD52 install guide.





Main LED Behavior

Link
TP signal is connected.

Master
S/M switch is set to “M”.

Power
Device is powered.

PoE LED Behavior

Green
Network communication indicator light flashes when communicating.

Yellow
POE Indicator, open, flashing when overload or under-voltage.

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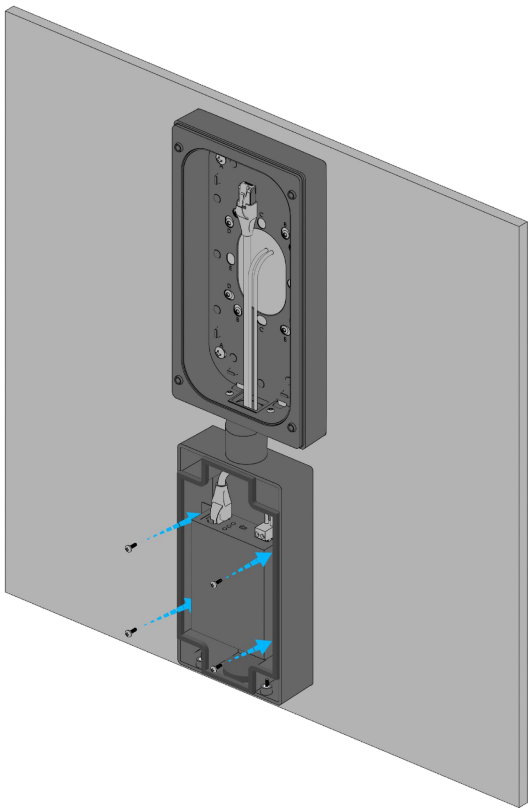
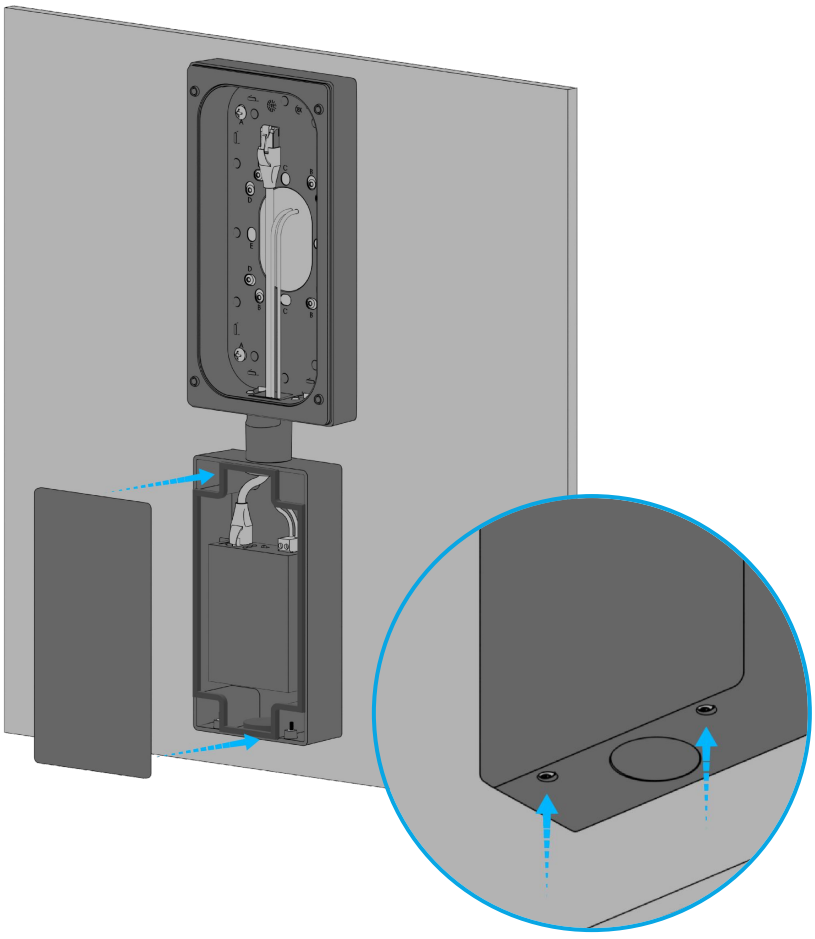
Secure

Use the included M3x8 screws to secure the wired PSE into the enclosure.



Add the cover to the ACC-POE-2WIRE enclosure and tighten the two screws to secure.

Continue the installation of TD52.



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Appendix

ACC-POE-2WIRE Compliance

FCC Statement	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.
IC Statement	This device complies with ISED's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Le présent appareil est conforme aux CNR d' ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

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Appendix

Support

Thank you for purchasing this Verkada product. If for any reason you're experiencing issues or need assistance, please contact our 24/7 Technical Support Team immediately.

Sincerely,
The Verkada Team
verkada.com/support

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