VERKADA

A**C41** Door Access Controller

In the box

1 AC41 Door Access Controller

1 Wall mount plate

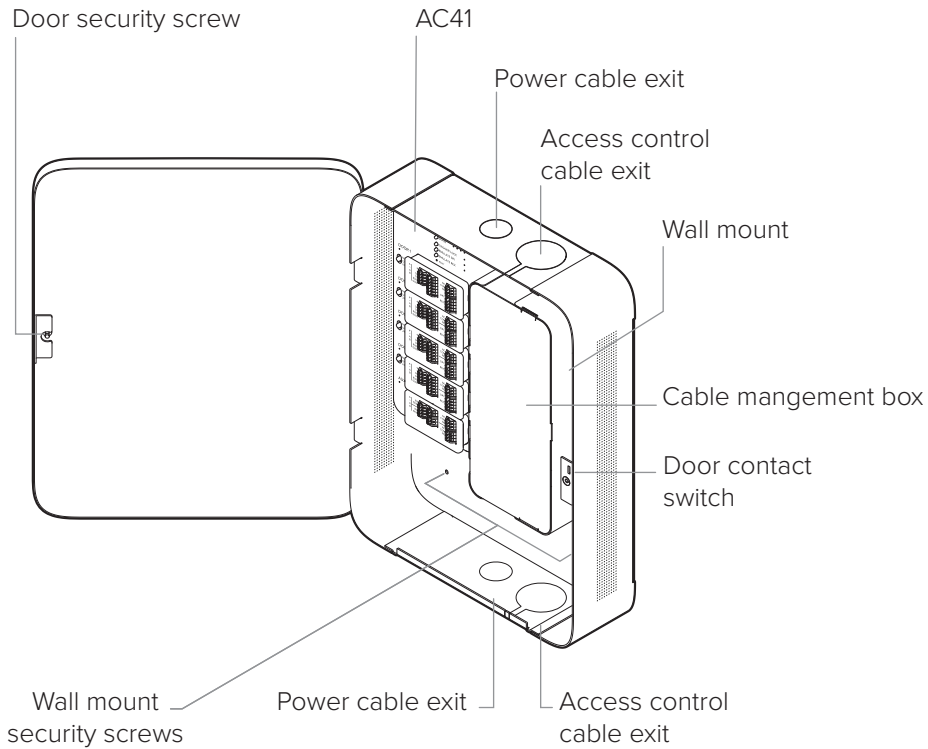
1 T10 security torx screwdriver

4 Mounting screws and wall anchors

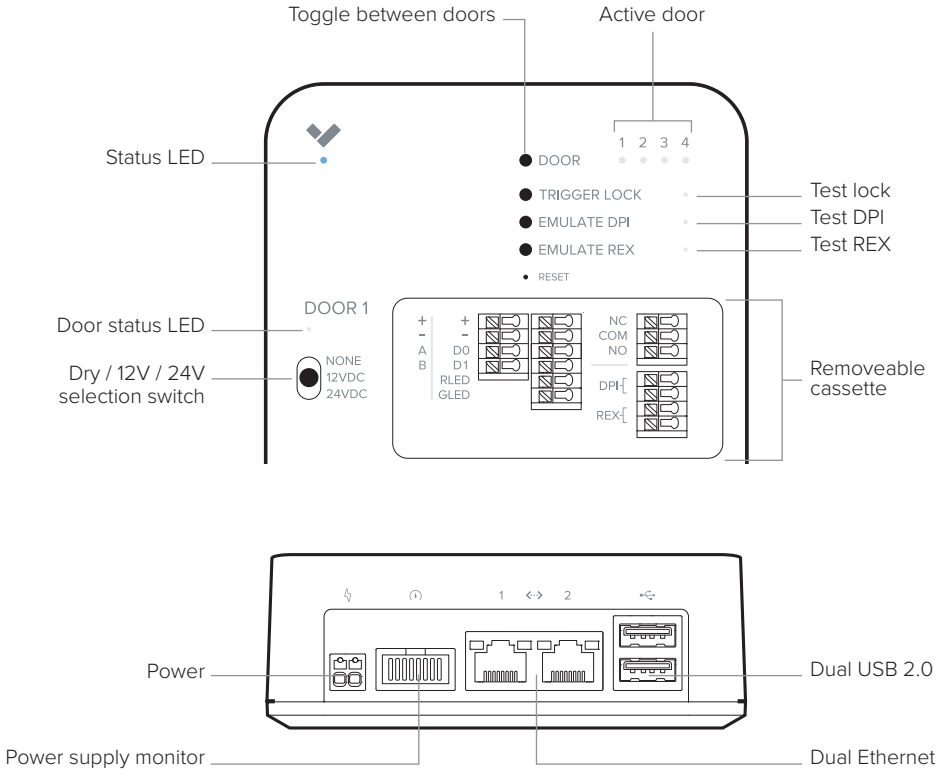
What you'll need

- A working wired internet connection over ethernet
- A smartphone or laptop
- A #2 Phillips screwdriver or power drill with a #2 Phillips driver bit
- 5⁄16 inch (7.9mm) drill bit for wall anchors
- 5⁄32 inch (4mm) drill bit for pilot holes
- A Cat5 or Cat6 ethernet cable

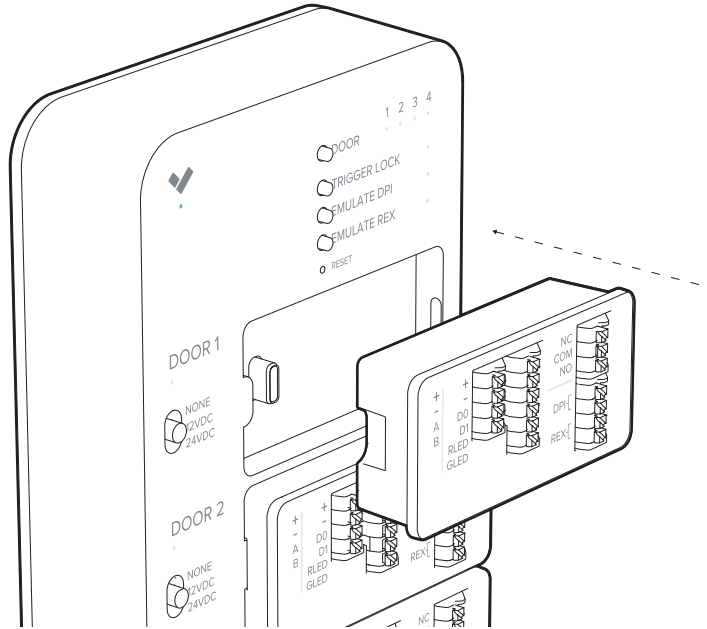
A**C41** Overview



A**C41** Details

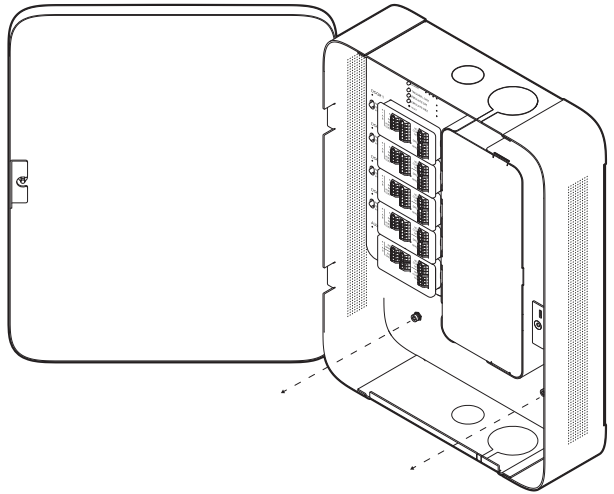


A**C41** Cassettes

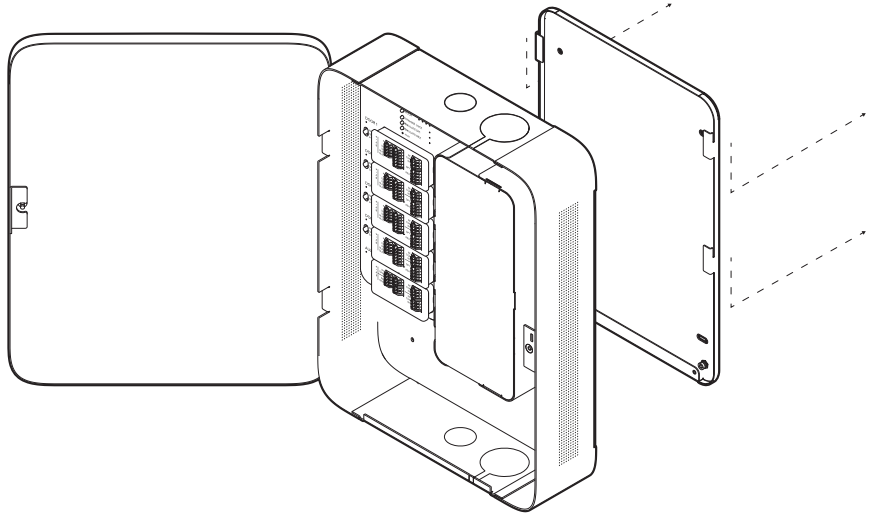


Remove all 5 cassettes from their packaging and insert into the AC41. Ensure the USB-C and other mating features are aligned for correct fitment.

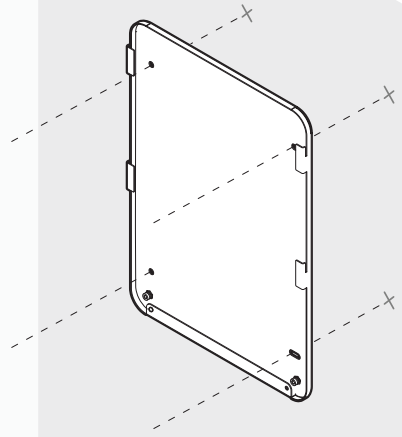
A**C41** Mounting



To remove the wall mount, unscrew the two security torx screws from the inside.

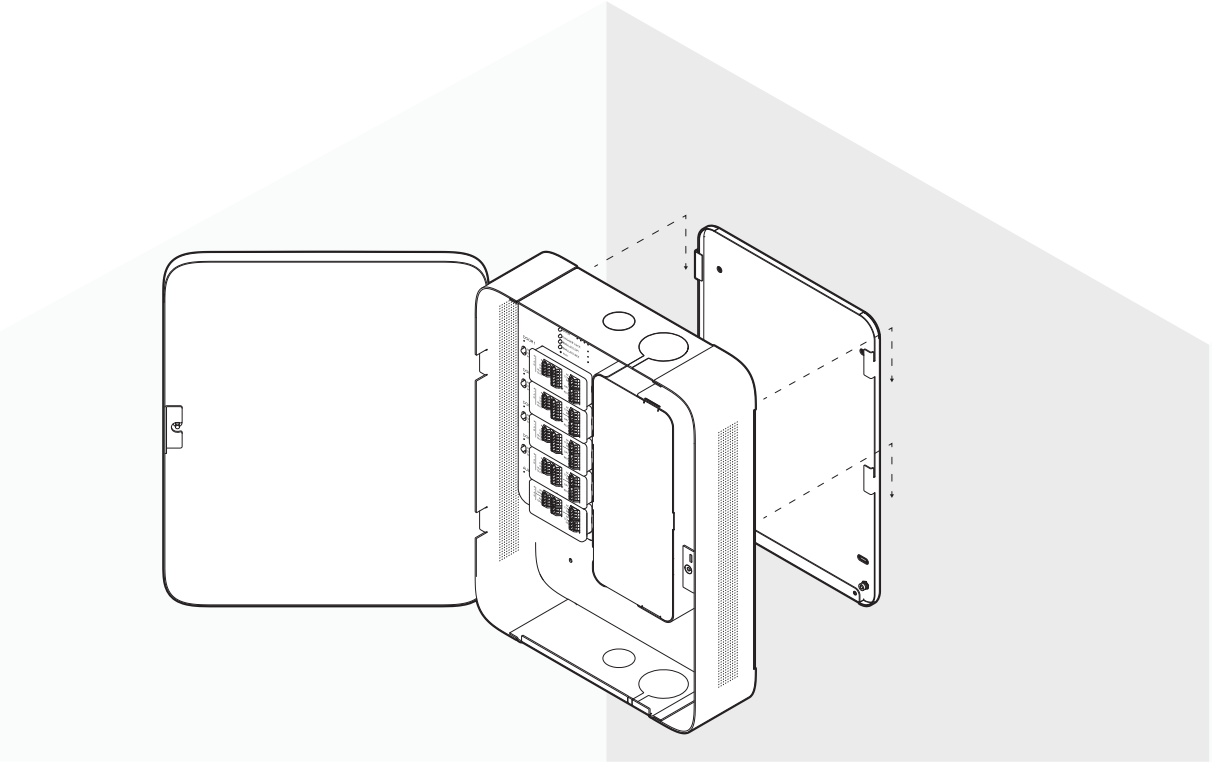


Once the security screws are fully removed, slide the wall mount down and away from the main enclosure.

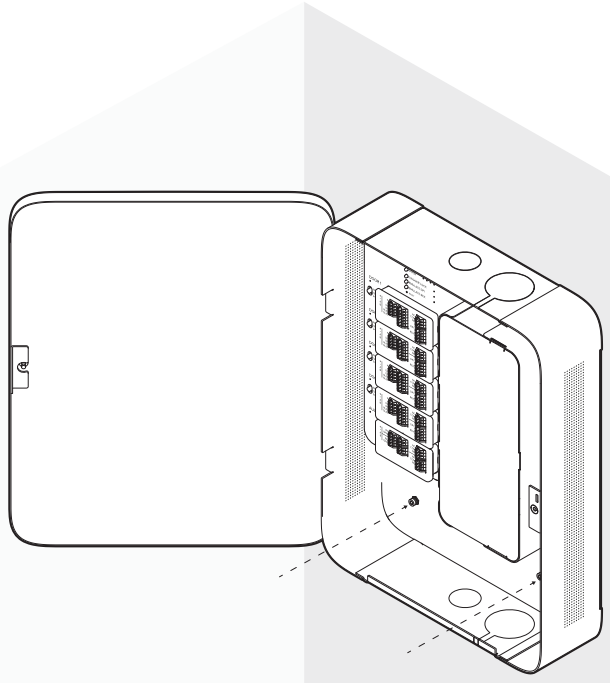


Drill four 5/16” Ø holes into the wall. Insert the drywall anchors into the holes. Fasten the mount plate onto the wall by installing the mounting screws into the wall anchors.

Drill four 5/32” Ø holes into the wall. Fasten the mount plate onto the wall by installing the mounting screws into the pilot holes.



Place the sheet metal enclosure over and onto the mounting plate tabs.

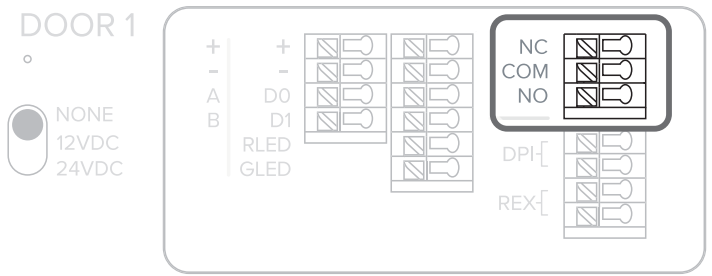


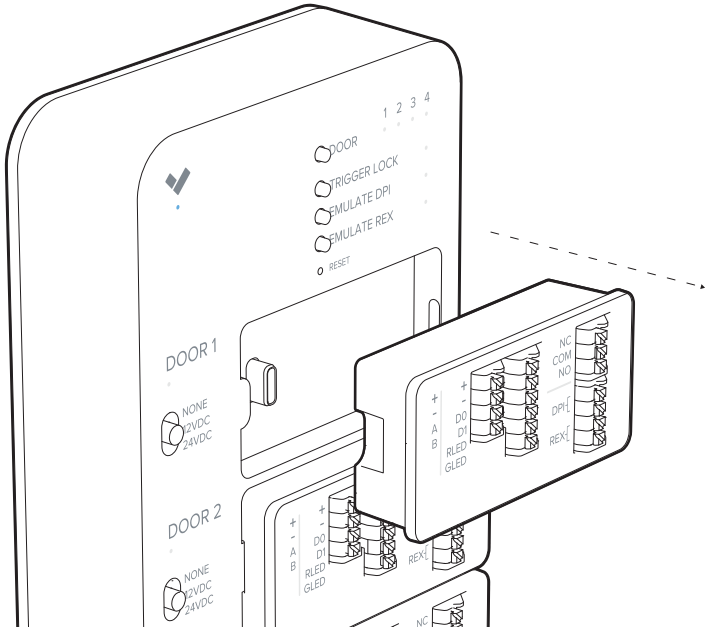
Fasten the two security torx screws to secure the enclosure to the mounting plate.

A**C41** Connect Door

The AC41 comes equipped with a Form C relay that can be driven dry or wet.

AC41 is rated to power 12V locks up to 700mA and a 24V locks up to 350mA.



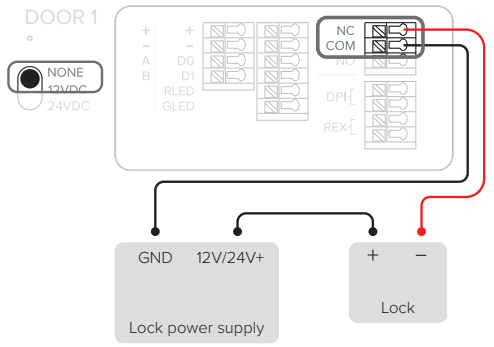


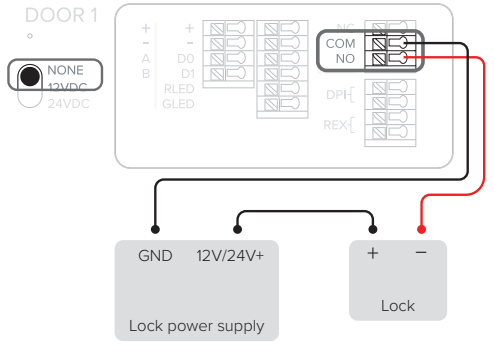
Remove a door cassette from the AC41 by lifting it from the side tabs.

Connect the Lock (Dry)

LOCK (+) positive [12V / 24V] goes into NC (fail safe) or NO (fail secure)

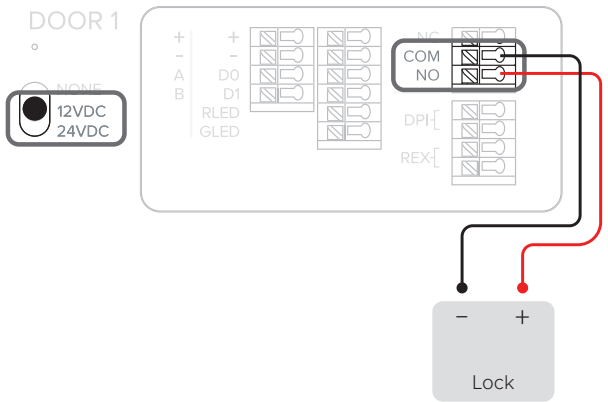
LOCK power supply goes into COM





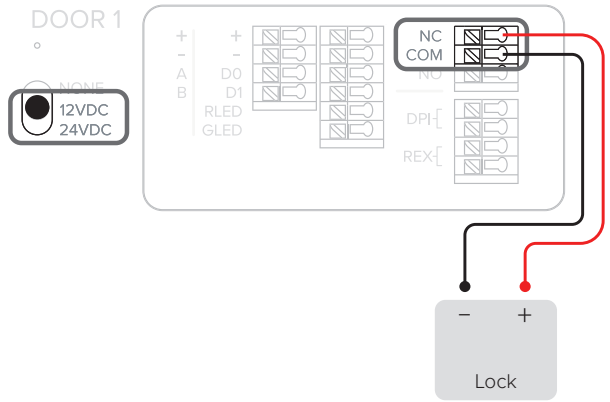
Connect the Lock (Wet 12V / 24V NO-C)

If you have a Fail Secure lock, connect to NO-COM.



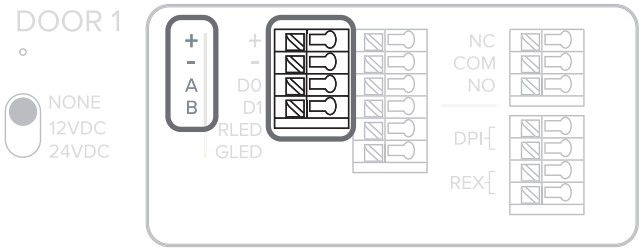
Connect the Lock (Wet 12V / 24V NC-C)

If you have a Fail Safe lock, connect to NC-COM.

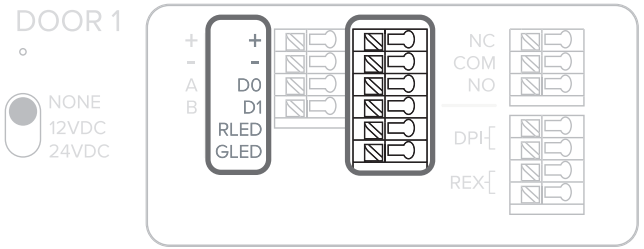


Connect the Reader

Verkada AD31 reader (far left port)

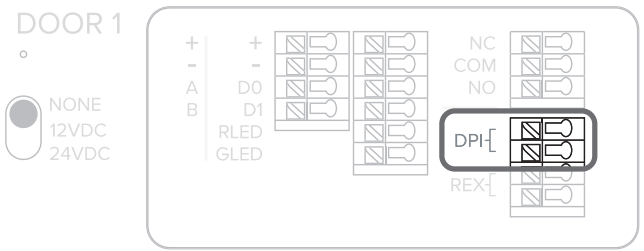


Standard Wiegand readers (middle input port)

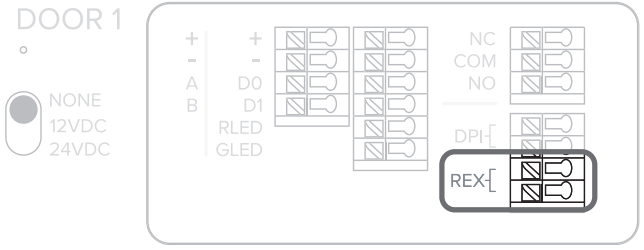


Connect the Inputs

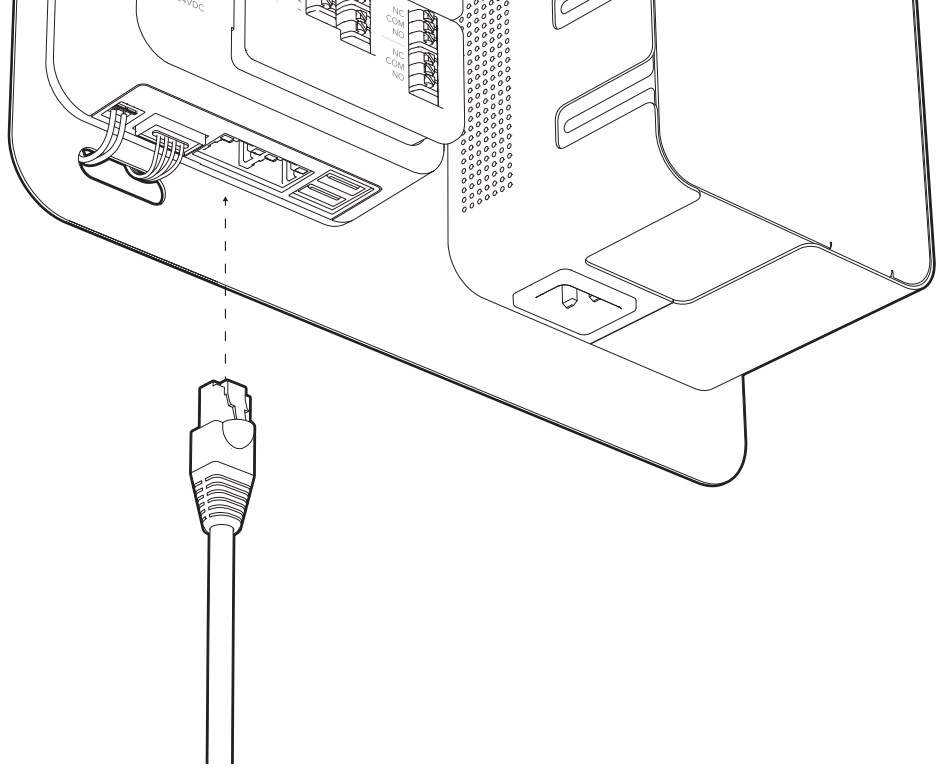
Door Position Indicator (Door Contact), optional



Request-to-Exit (REX), optional

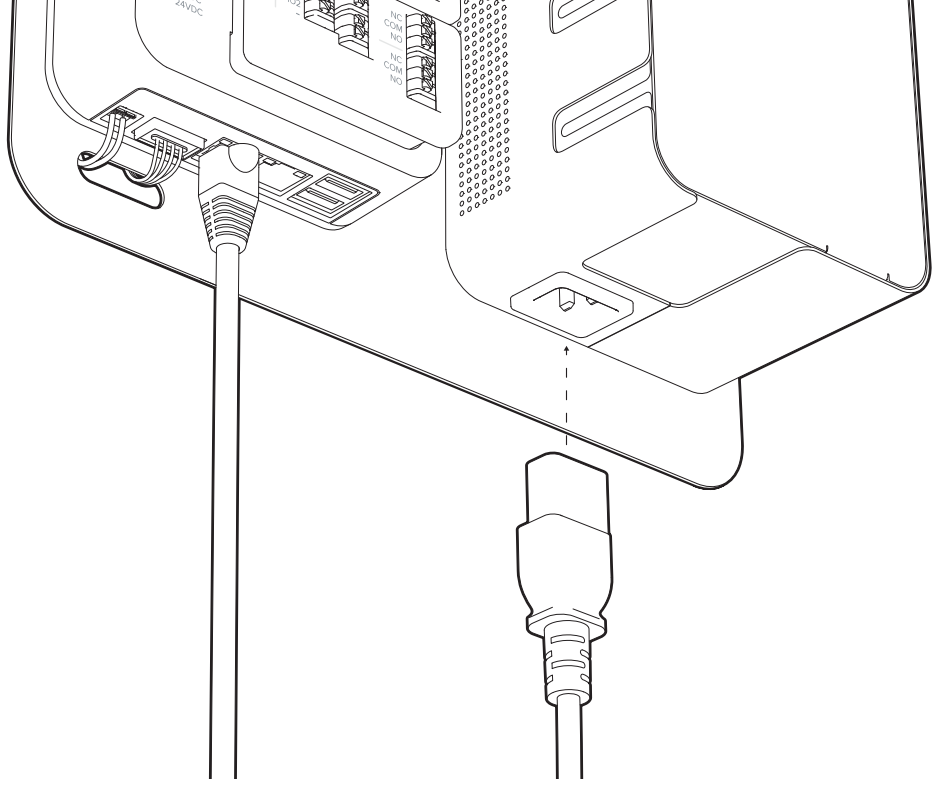


A**C41** Connect



Connect the AC41 to your network using either of the Ethernet ports located at the bottom of the controller.

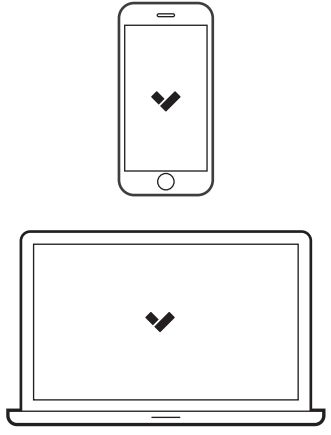
If you are adding an additional AC41 unit to your system, you can connect ACUs by Ethernet.



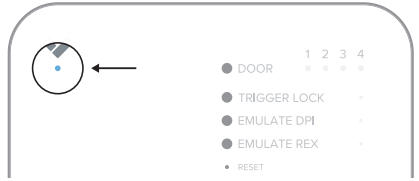
Connect the AC41 power supply into your standard power outlet (120 VAC).

Connect AC41 to Ethernet.
Plug in your AC41 to an AC outlet

Go to **www.verkada.com/start**



For detailed installation instructions,
visit **www.verkada.com/support**



Status LED

Solid orange
Controller is on and booting up

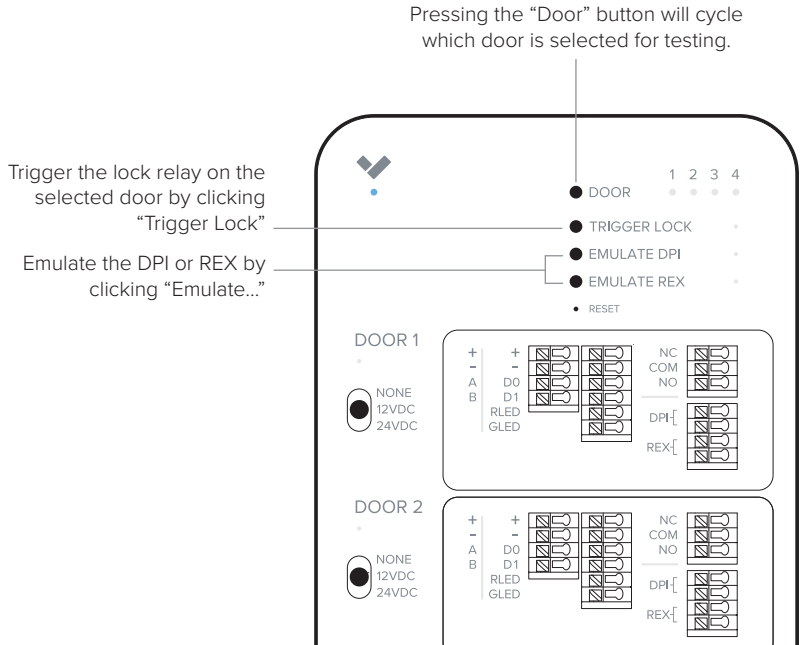
Flashing orange
Controller is updating firmware

Flashing blue
Controller is managing doors, but cannot reach the server

Solid blue
Controller is managing doors

A**C41** Test Setup

To make installation easier, the AC41 has four buttons to help test or emulate different events.



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