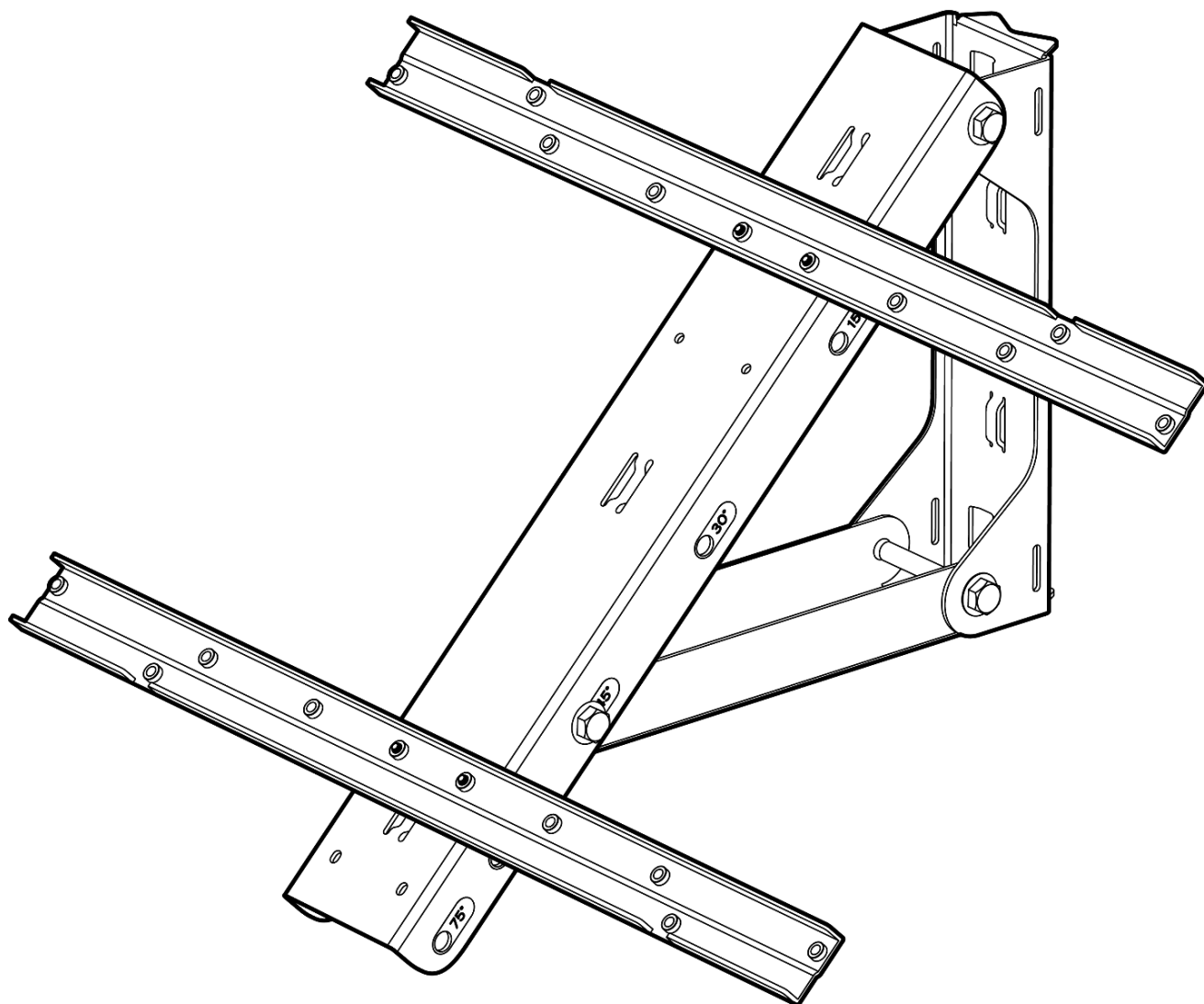# **ACC-MNT-SOLP-1** Solar Panel Pole Mount

Document Details

Version
V1.0 20251219
(V1.0 published 20251219)

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

Product Models
This install guide pertains to model ACC-MNT-SOLP-1.

Introduction
What's in the Box
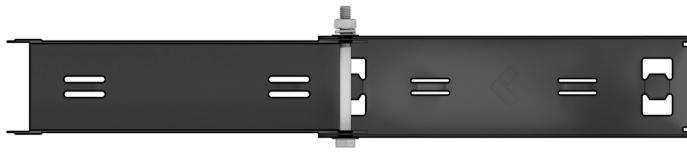
Pole Mount
(Preassembled with Support Beam)

Center Beam

Cross Beams (2 pcs)

Zip Ties (4 pcs)
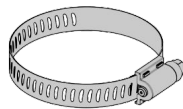
Small Pole Straps (2 pcs)
For Pole Diameter: 48-107mm (1.89-4.21")
Drive: #2 Phillips
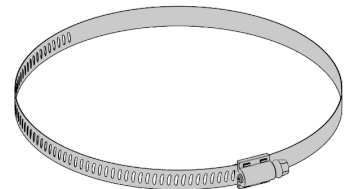
Large Pole Straps (2 pcs)
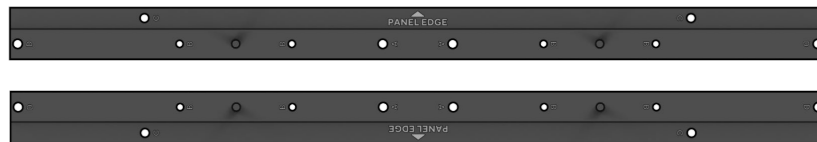For Pole Diameter: 83-178mm (3.27-7")
Drive: #2 Phillips

M12 Machine Screws (2 pcs)
Length: 130mm **Head:** 19mm Hex

M12 Flat Washers (4 pcs)

M12 Spring Washers (2 pcs)

M12 Nuts (2 pcs)

Hex Key
Size: 5mm

M6 Machine Screws (8 pcs)
Length: 16mm **Drive:** 5mm Hex

M6 Flat Washers (8 pcs)

M6 Spring Washers (8 pcs)

What you'll need

- ACC-SOLP-65W-1 or ACC-SOLP-100W-1
- 2x 19mm wrenches (or adjustable crescent wrench)
- Drill with #2 Phillips bit

Overview

Cross Beams

Center Beam

Pole Mount

Pole Strap

Support Beam
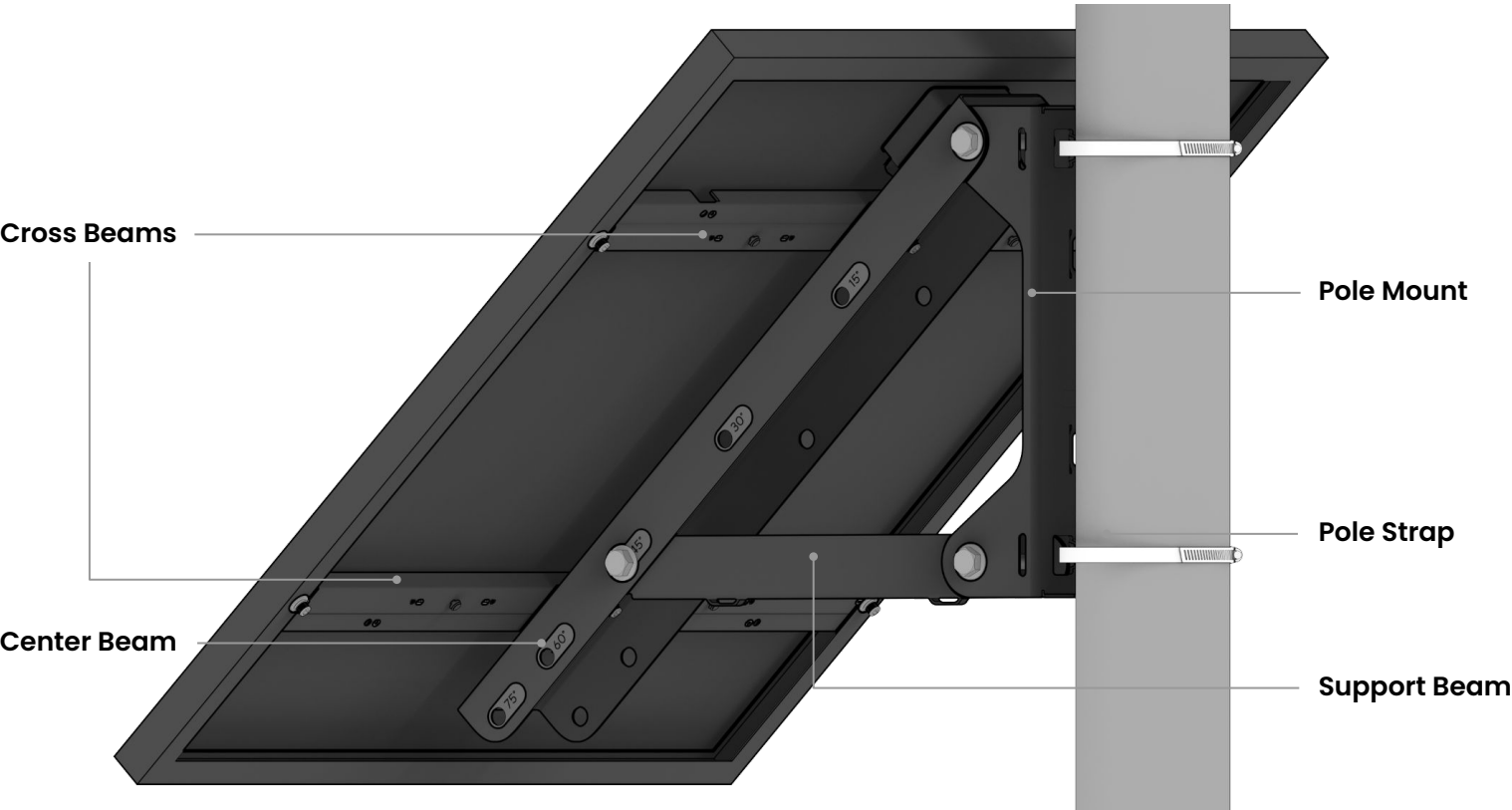
Solar Panel Backside
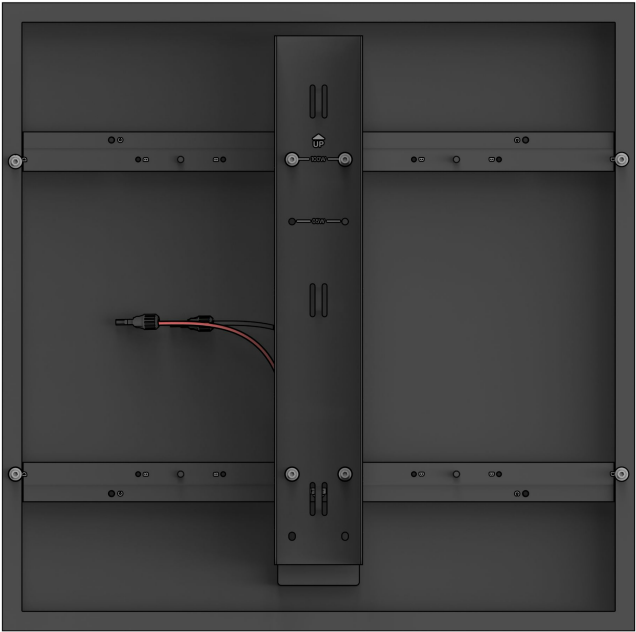
100W

Cross Beam Hole Pattern

D

100W Solar Panel

B

430Wh External Battery for CR Camera
(optional)

A

Center Beam

B

430Wh External Battery for CR Camera
(optional)

D
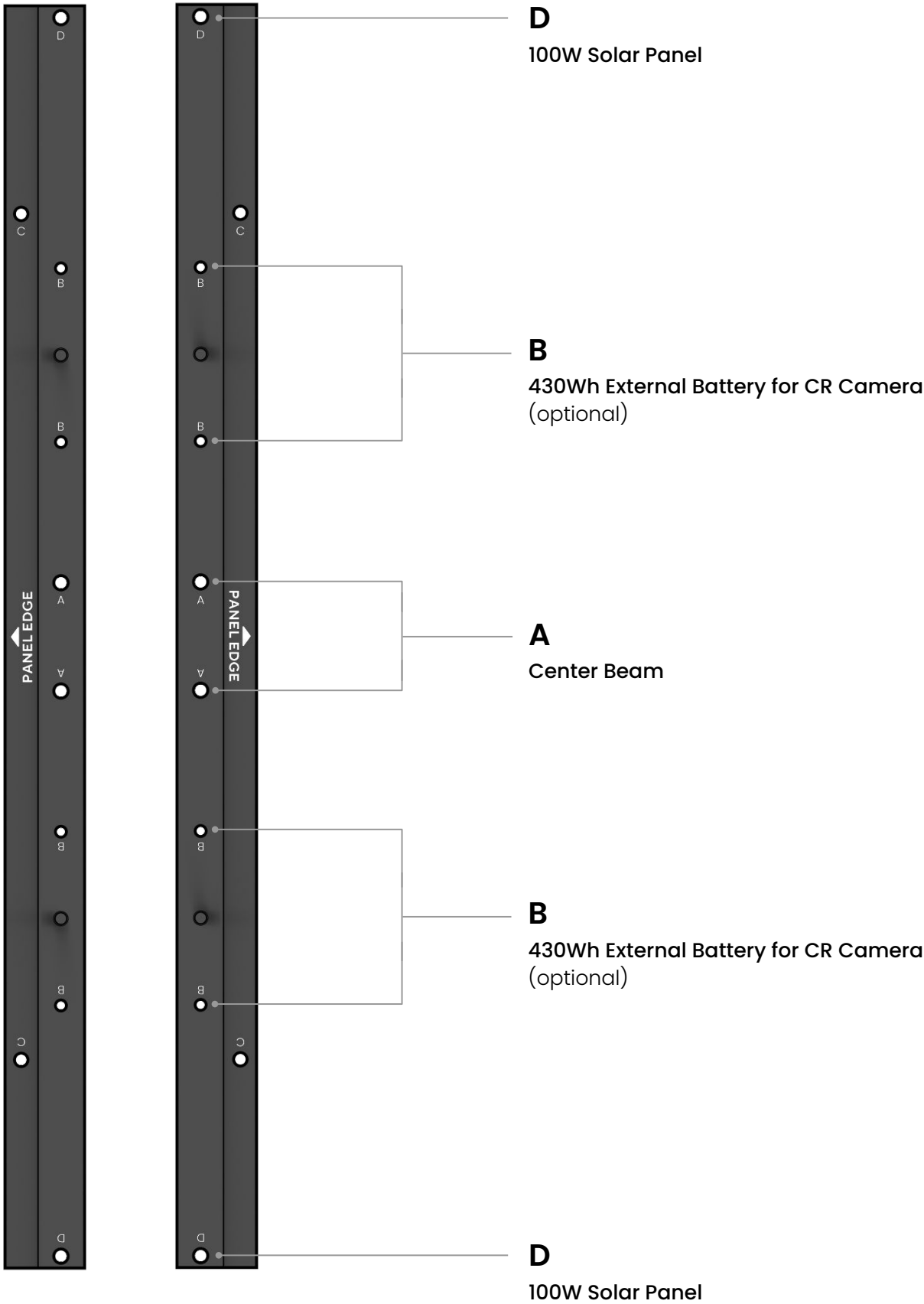
100W Solar Panel

Installation
Mounting on 100W Solar Panel

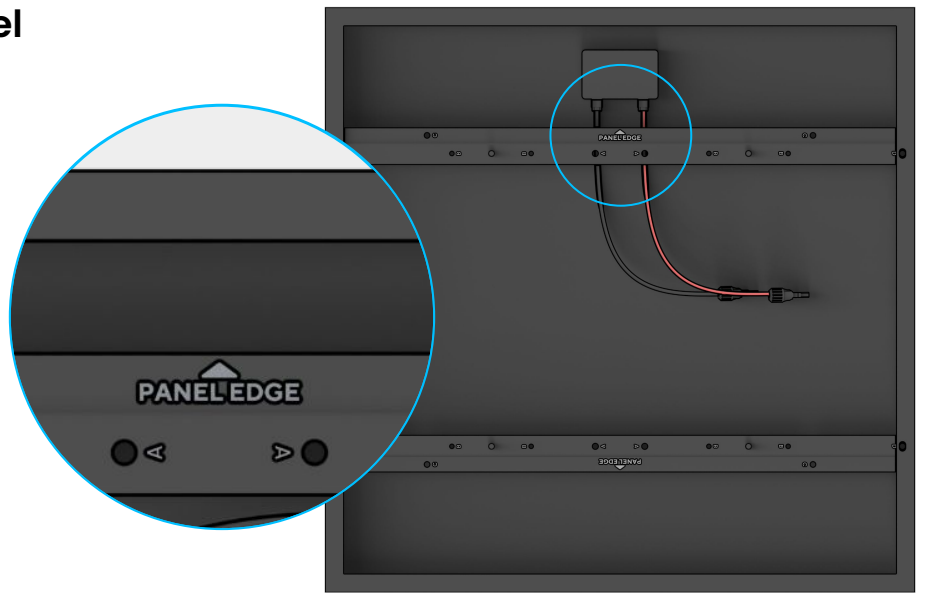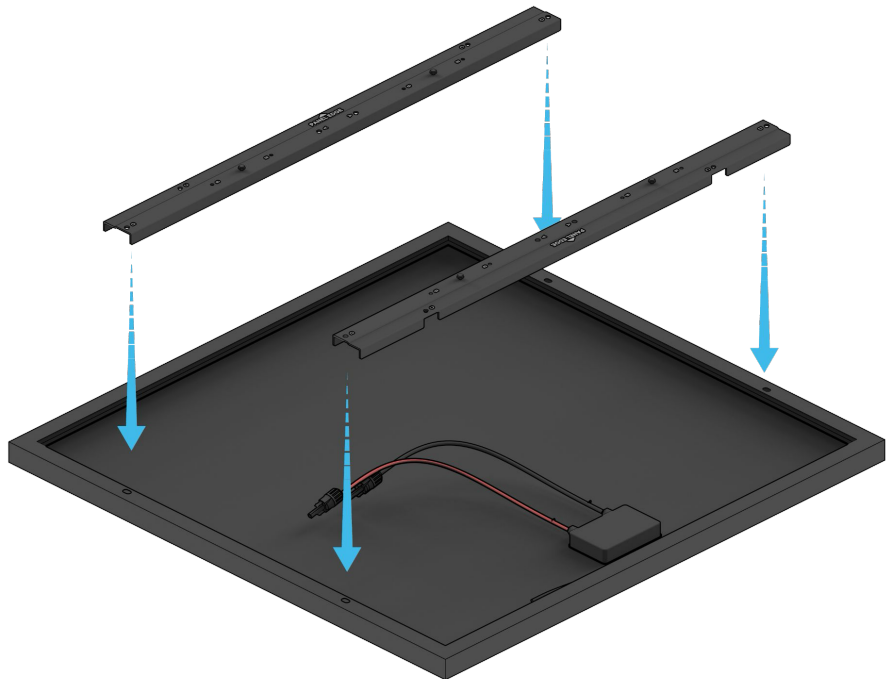Make sure that the "Panel Edge" indicator is pointing toward the top and bottom of the solar panel.
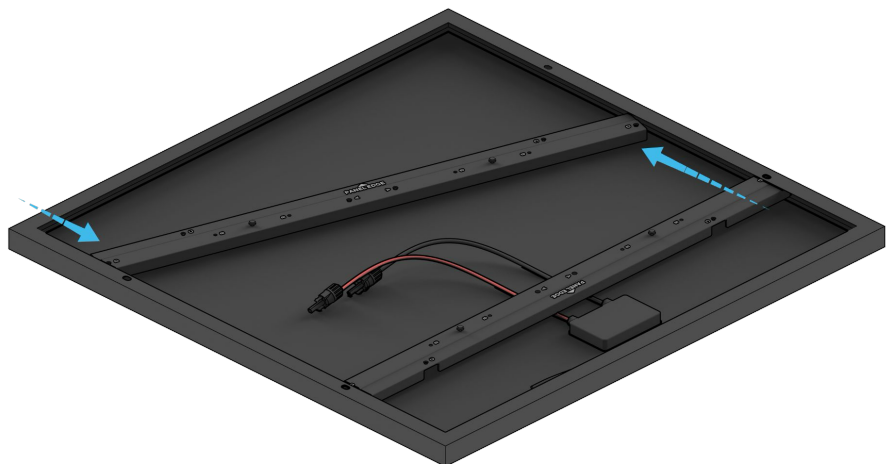
The MC4 cables should be placed underneath the Cross Beams.

Place the Cross Beams into the frame of the solar panel.

Align the holes in the solar panel with the hole pattern D in the Cross Beams. Angling the Cross Beams will make it easier to slide in.
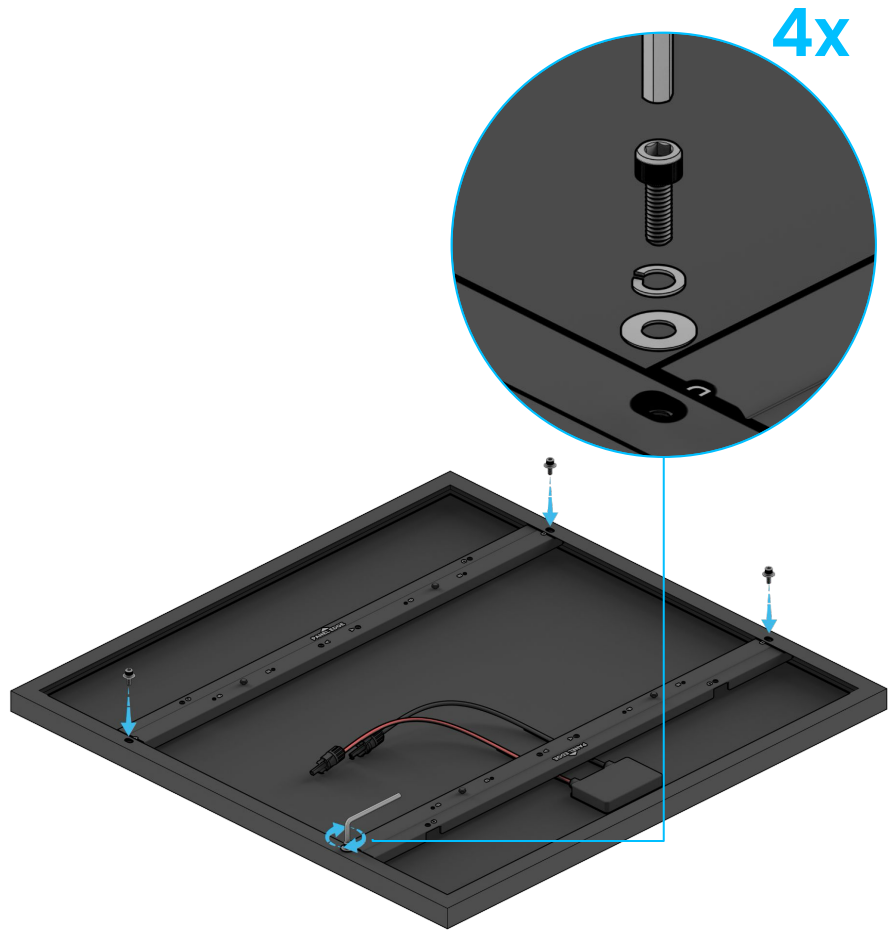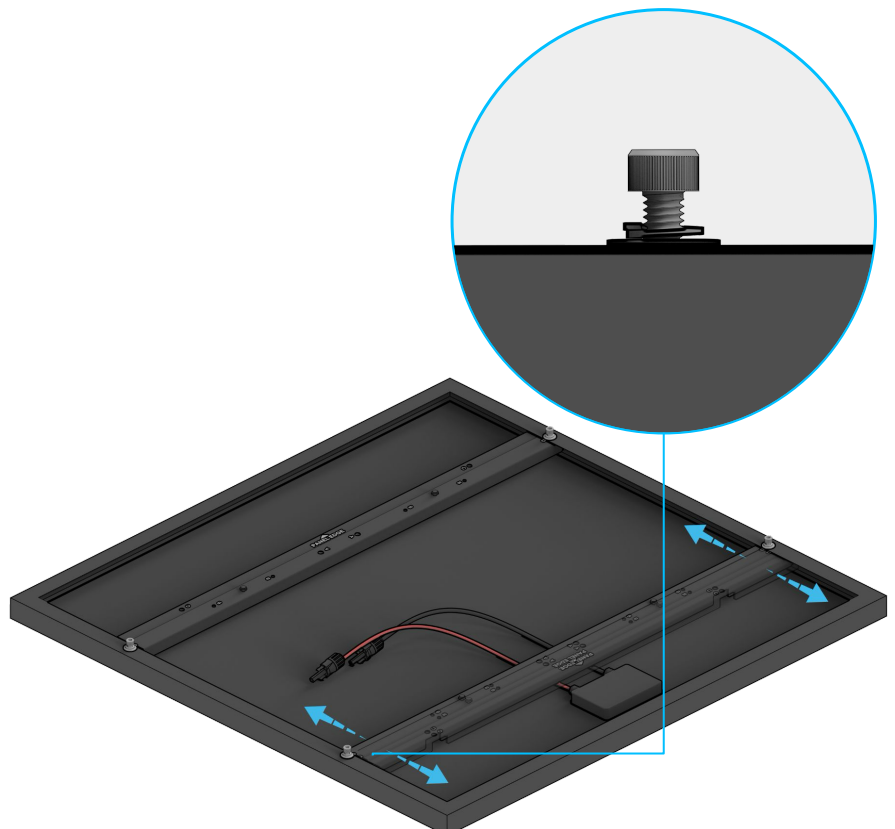
Mounting on 100W Solar Panel

Fasten the Cross Beams to the solar panel with the included M6 machine screws, spring washers, and flat washers.

Use the provided hex key to partially tighten each screw.

4x

Partially tighten the screws to allow for adjustment for the next step.
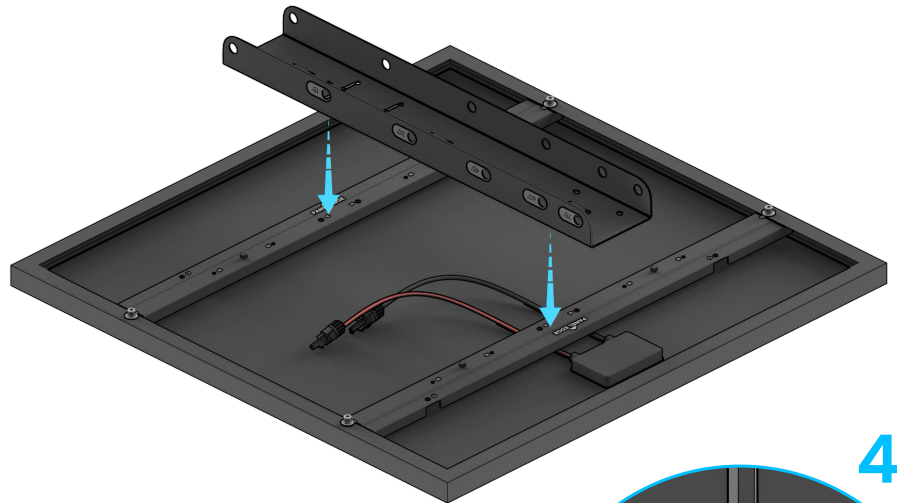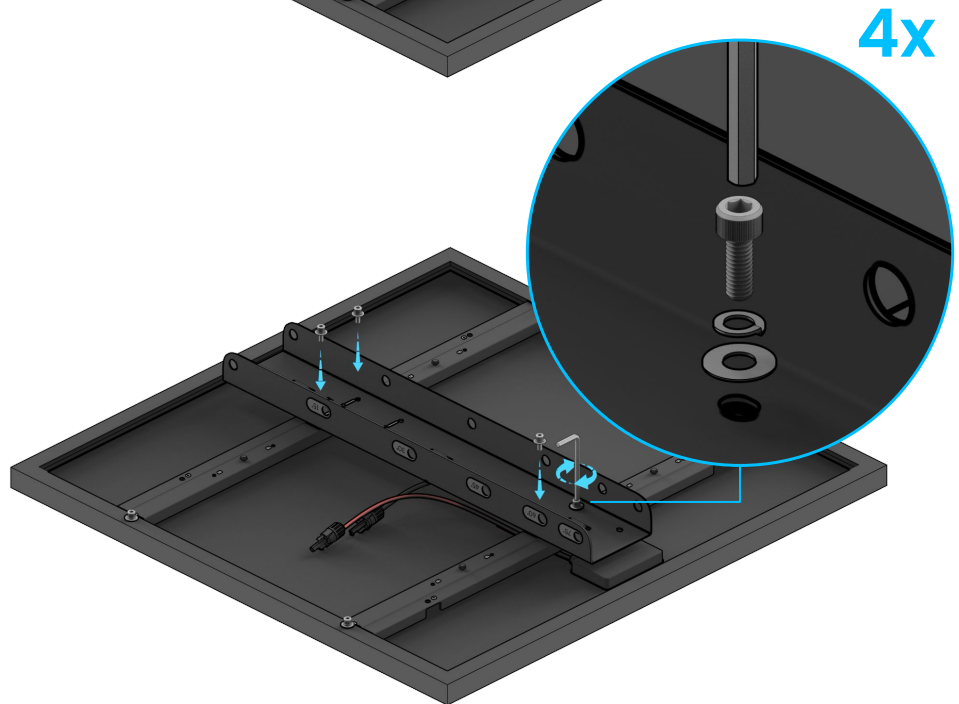
Mounting on 100W Solar Panel

Place the Center Beam onto the Cross Beams, oriented so that the UP indicator points upwards.

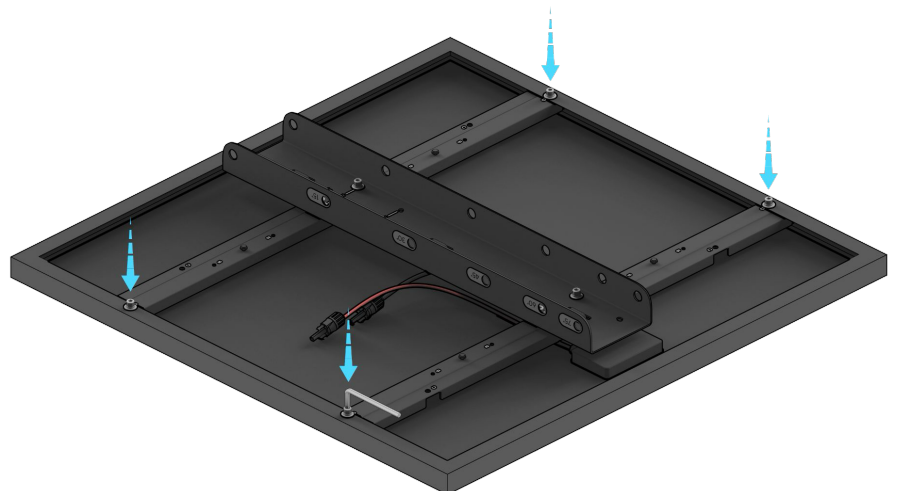Ensure hole pattern A on the Cross Beams line up with the 100W holes on the Center Beam.

4x

Tighten the screws on the Center Beam.

Adjust solar panel position, and then tighten all screws on the Cross Beams and Center Beam fully.
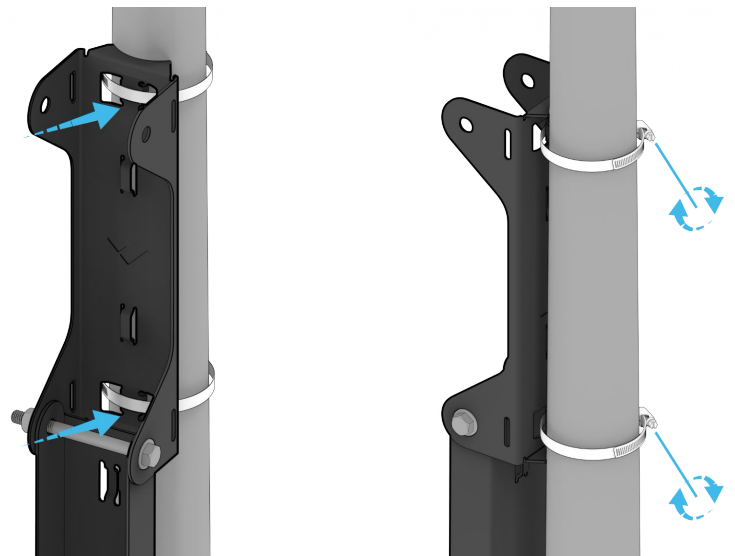
Installation
Mounting

Note: We recommend two people for this step.

The Pole Mount and Support Beam come preassembled. Place the Pole Mount against the pole, then secure it by tightening the provided straps.

For optimal generation the panel must face south and not be shaded by surrounding features.
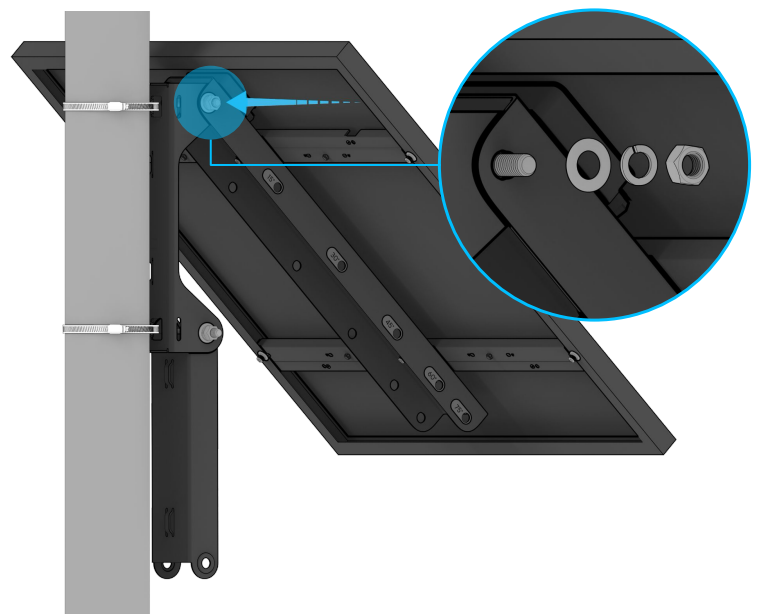
For the 100W solar panel, ensure the cable box is oriented at the top.

Align the hole on the top flange of the Pole Mount with the unmarked hole on the side of the Center Beam.

Using the provided M12 bolt, flat washers, spring washer, and nut, attach the panel subassembly to the Pole Mount.
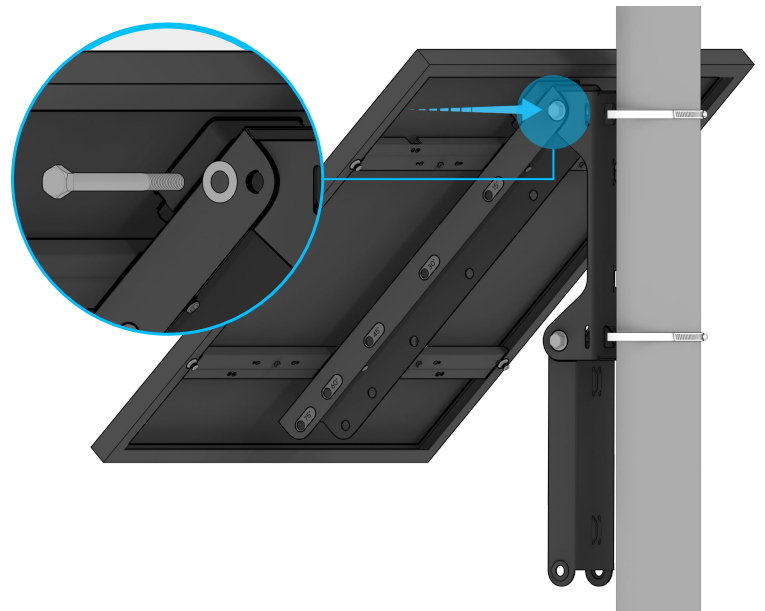
Partially tighten the bolt to allow for angle adjustments later.
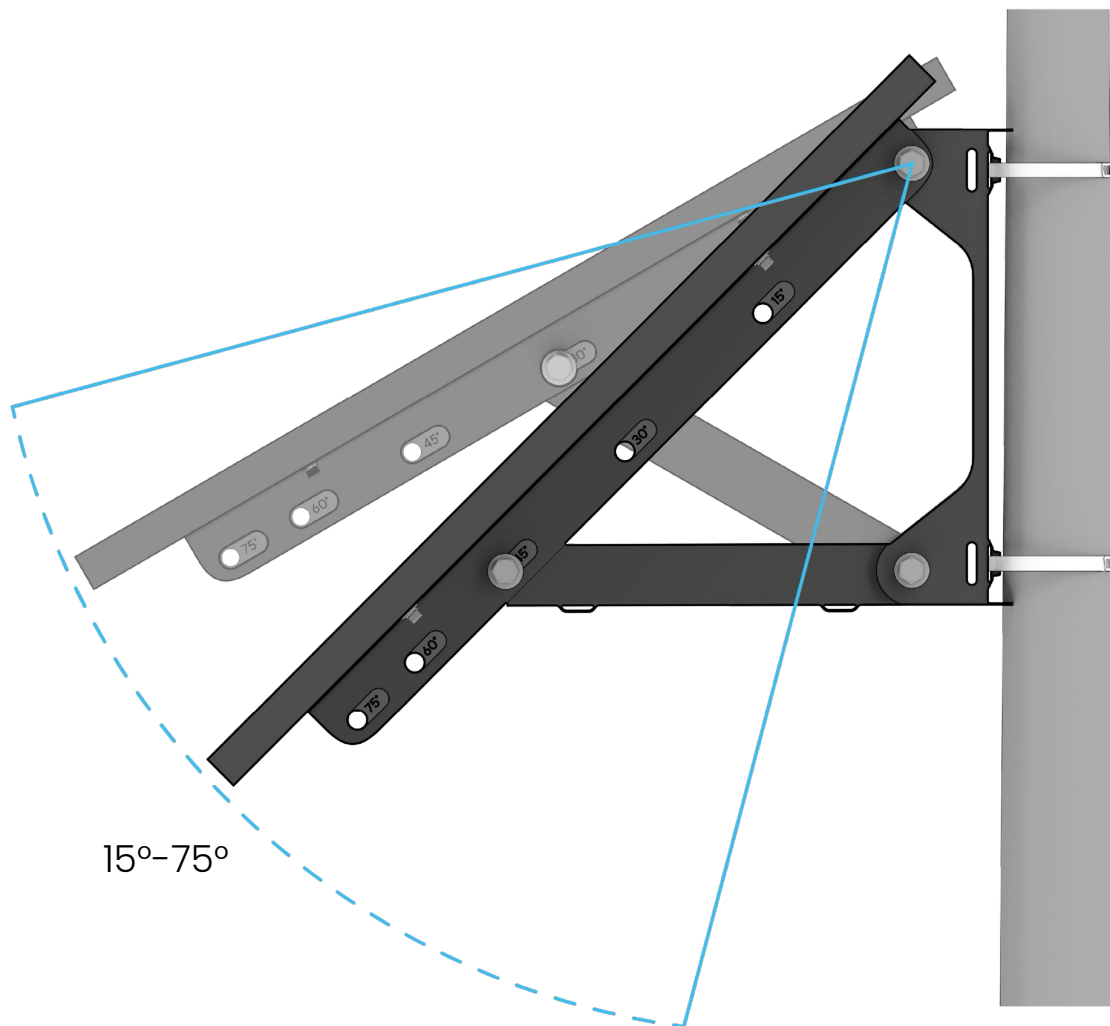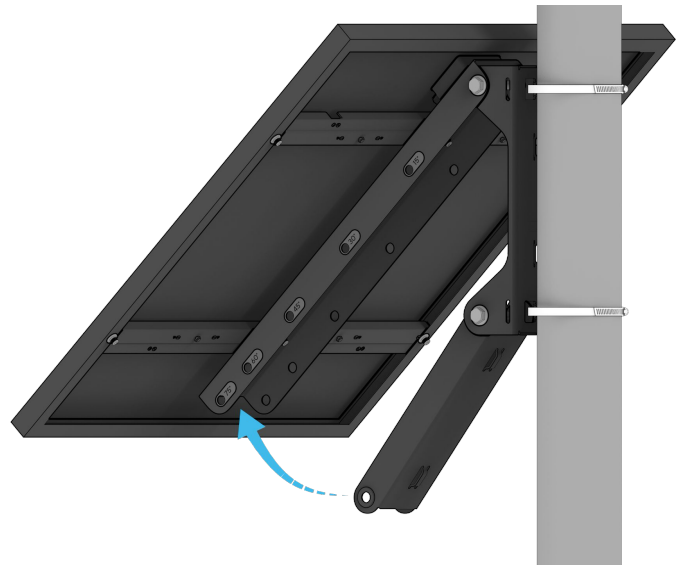
Installation
Angle Setting

Select the desired tilt angle for your solar panel. Typically this is approximately equal to the latitude of the install location.

For better seasonal performance, consider a flatter angle for summer and a steeper angle for winter.
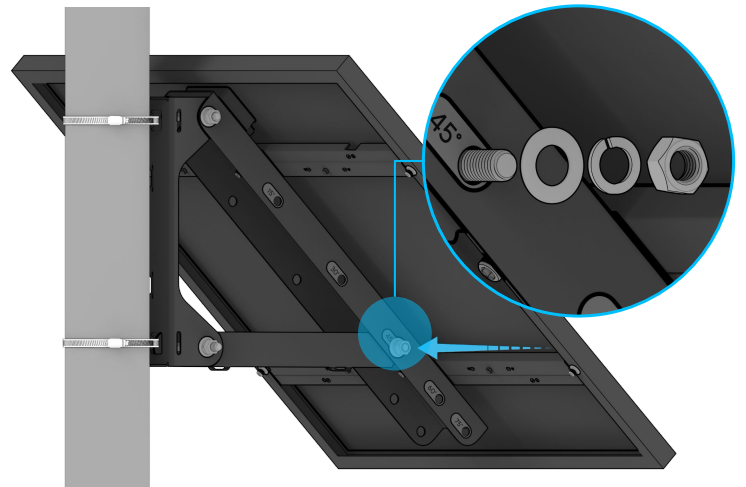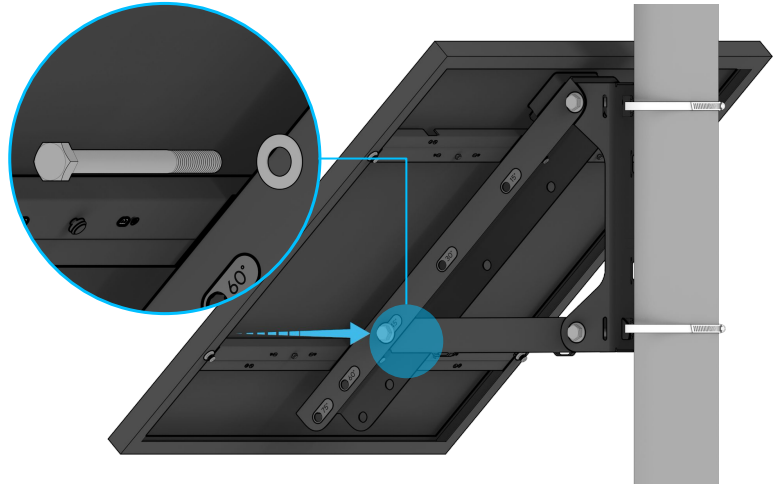
For the Continental US, recommended angles are 30º in summer months and 45º in winter months.
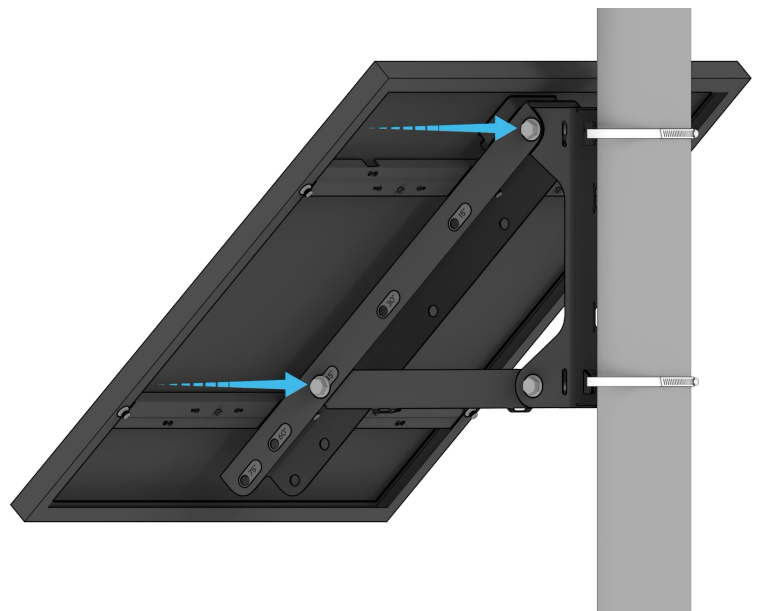
15º–75º

Installation
Mounting

Once the angle is set, use the provided M12 bolt, flat washers, spring washer, and nut to fasten the Support Beam to the Center Beam.

Fully tighten both M12 bolts to secure the Solar Panel Pole Mount.

Appendix
Compliance

| **FCC Compliance** | This device complies with part 15 of the FCC Rules. 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.

NOTE: 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. |

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