



SiteWatch PRO3

INSTALLATION GUIDE

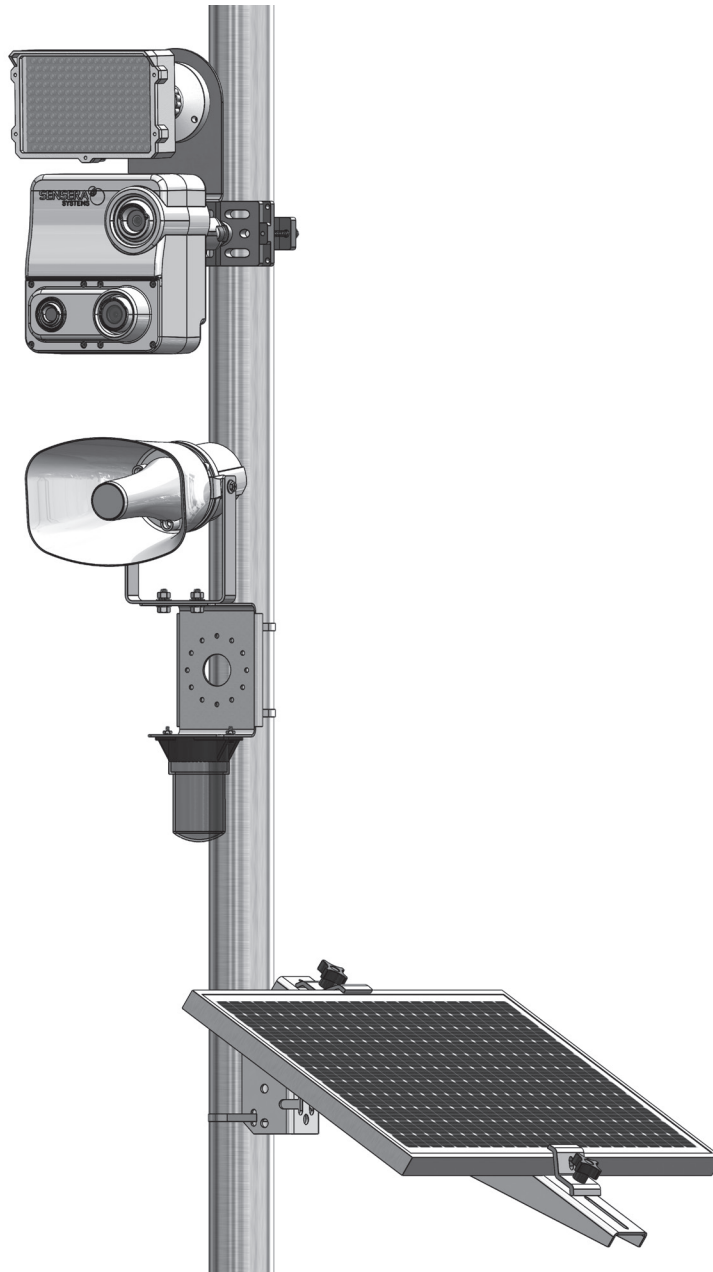


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Don't want to use paper instructions? Scan the QR code!



INSTALLATION OVERVIEW

BEFORE YOU BEGIN

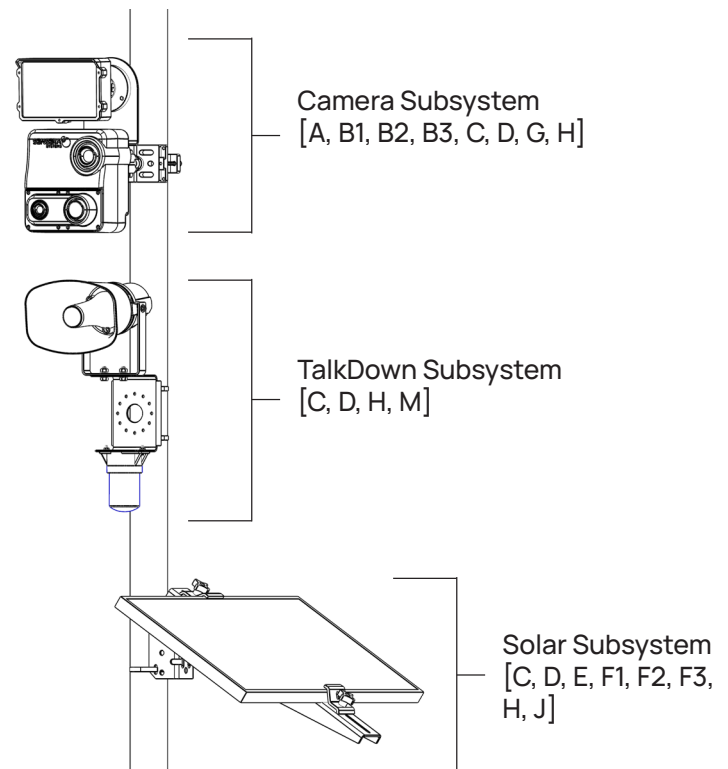
- Expect each camera installation to take up to an hour
- Two people recommended
- Make note of each camera serial number (*bottom of camera*) and installation location for later reference
- Please note the layout of the subsystems - the solar panel should be mounted underneath the camera and (*optional*) TalkDown system
- Use the Site Plan provided by your Sensera Systems representative to ensure your camera is placed in the correct location

TOOLS REQUIRED

- **Drill** - recommended for use with 7mm Nut Driver (D)
- **No. 2 Phillips-head screwdriver** - for band clamps (C)
- *Optional* - ½" Nut Driver for Camera Arm hardware (B)
- *Optional* - Smart device for SenserAlign app

WHAT'S INCLUDED

- **A:** Camera
- **B1, B2, B3:** Camera Arm
- **C:** Band Clamps*
- **D:** 7mm Nut Driver*
- **E:** Solar Panel
- **F1, F2, F3:** Solar Panel Arm
- **G:** Wrench (½" Hex)
- **H:** Wood Screws*
- **J:** Large Washers for Wood Screws*
- **K:** Indoor AC Power Adapter**
- **L:** Lens Wipe for Camera Window
- **M:** TalkDown Accessory Unit (*If purchased, boxed separately*)

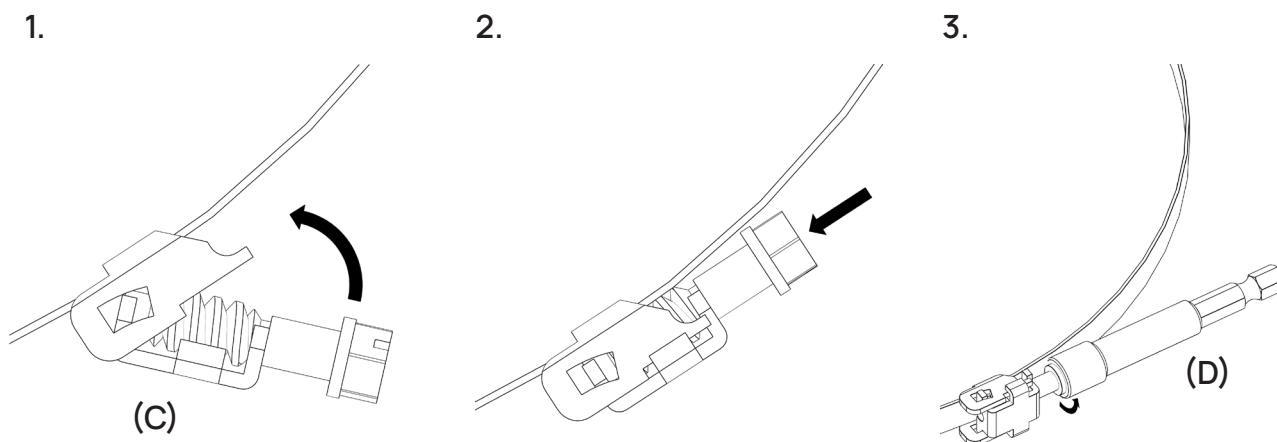


*Note that some items may not be used depending on your installation solution.

Indoor AC Power Adapter for indoor use **only. Store the adapter for offline camera charging and troubleshooting.

REFERENCE: USING THE BAND CLAMPS

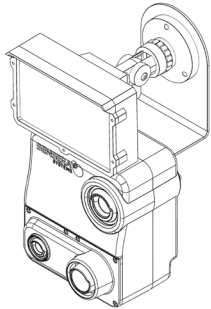
Sensera Systems cameras come with quick eject band clamps for easy installation and adjustment.



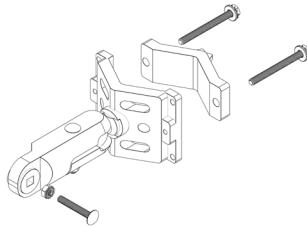
The band clamps **(C)** can be tightened/loosened with the included nut driver **(D)** and a drill, OR a Phillips head screwdriver.

STEP 1: CAMERA INSTALLATION

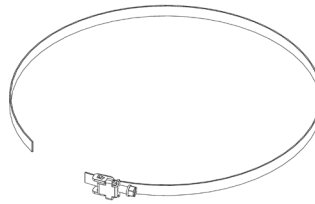
ITEMS REQUIRED



Camera
(A)



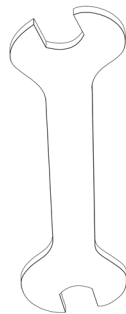
Camera Arm
(B1, B2, B3)



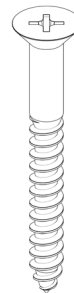
2x Band Clamp
(C)



7mm Nut Driver
(D)



Wrench
(G)



4x Wood Screw *
(H)

**Wood Screw for use with wooden post/wall*

Other Tools (Not Included):

- Drill for 7mm Nut Driver
- Phillips head screwdriver

CAMERA PLACEMENT REQUIREMENTS

- **Site Plan:** Follow the included Site Plan for camera placement
- **Positioning:** Place each camera within 150 feet of the desired area of surveillance
- **Field of View:** Center the motion-triggering area in the camera's frame
- **Activity:** Avoid facing excess activity, like roads or public areas, to prevent false motion triggers
- **Accessibility:** The camera should be easily accessible for maintenance

1A: MOUNT THE CAMERA ARM

Select **ONE** of the following four options corresponding to your mounting solution.

OPTION 1: WOODEN POST / FLAT SURFACE

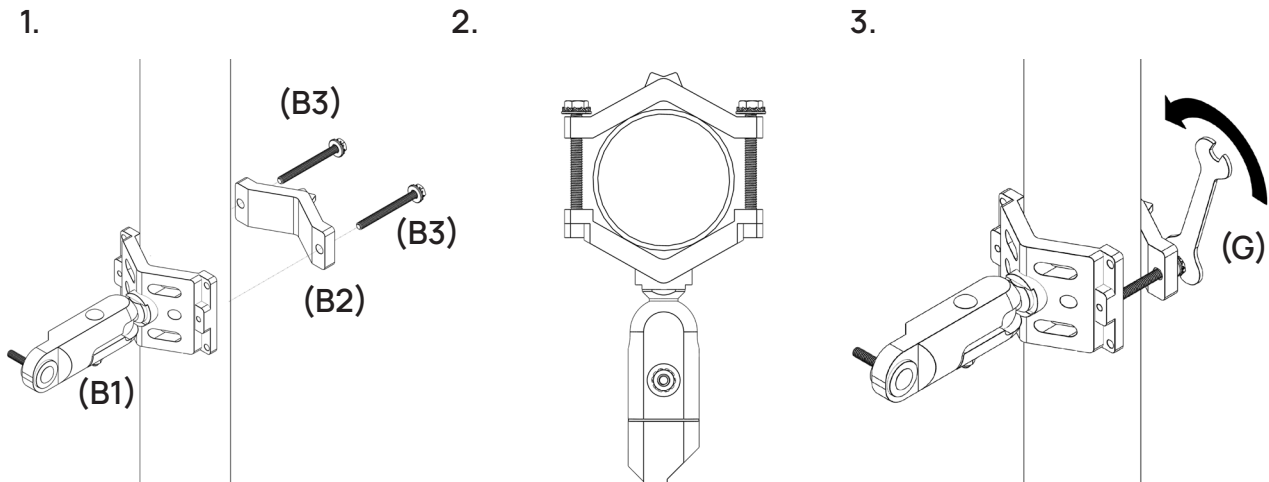
OPTION 2: SMALL DIAMETER POLE (<1.75")

1.

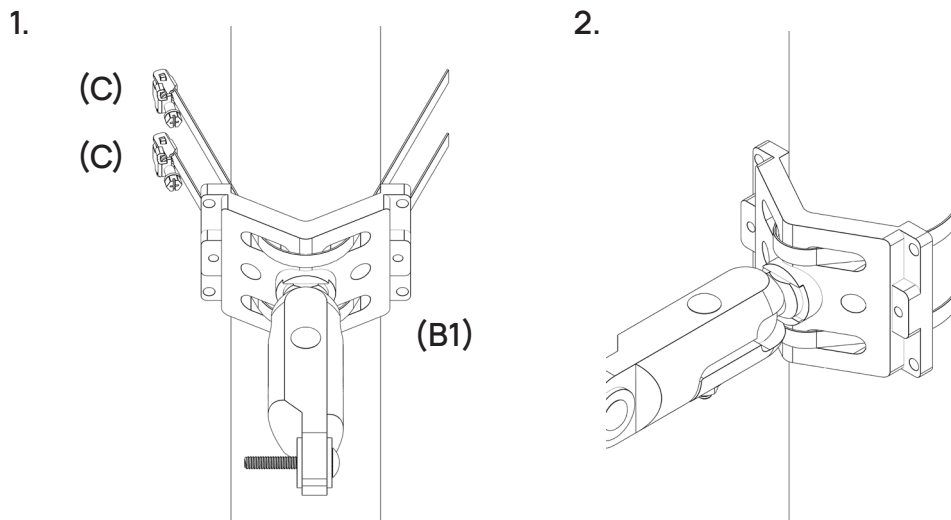
2.

3.

OPTION 3: MEDIUM DIAMETER POLE (1.75" - 3")



OPTION 4: LARGE DIAMETER POLE (>3")

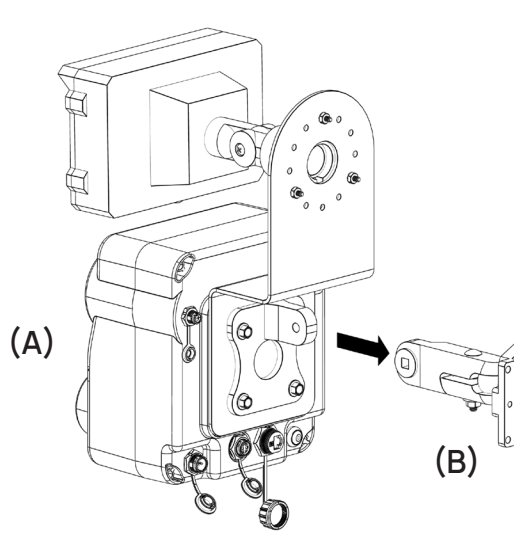


(See page 4 on how to use band clamps (C))

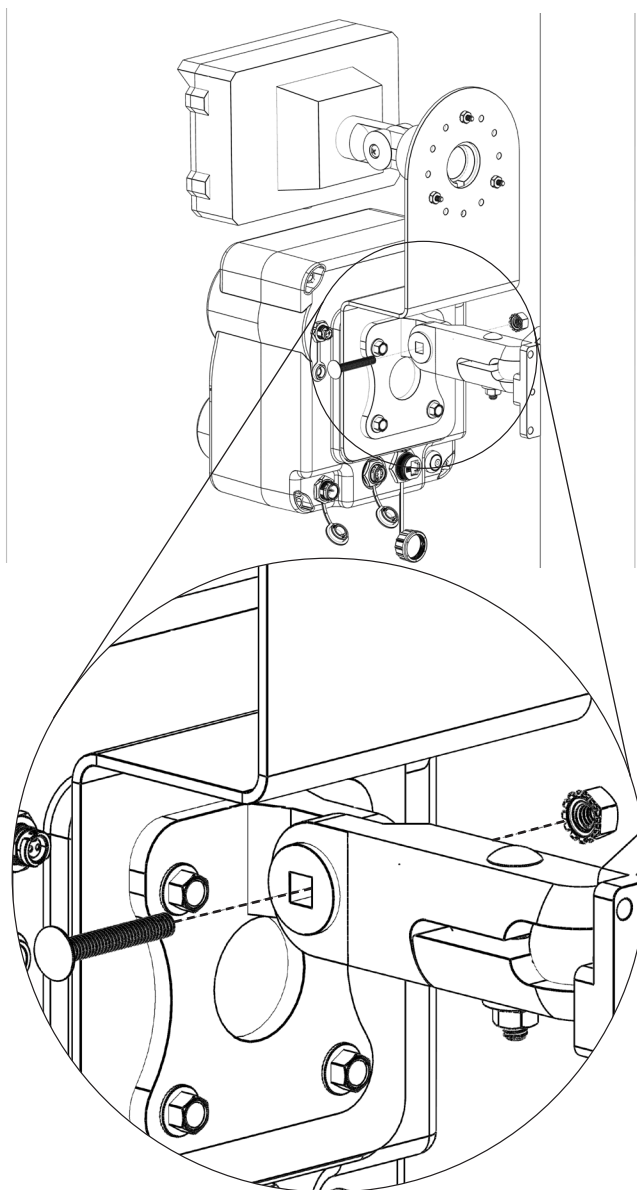
1B: ATTACH THE CAMERA TO THE CAMERA ARM

CAUTION: Camera will be loose on arm until screws are tightened as shown on the following page.

1.

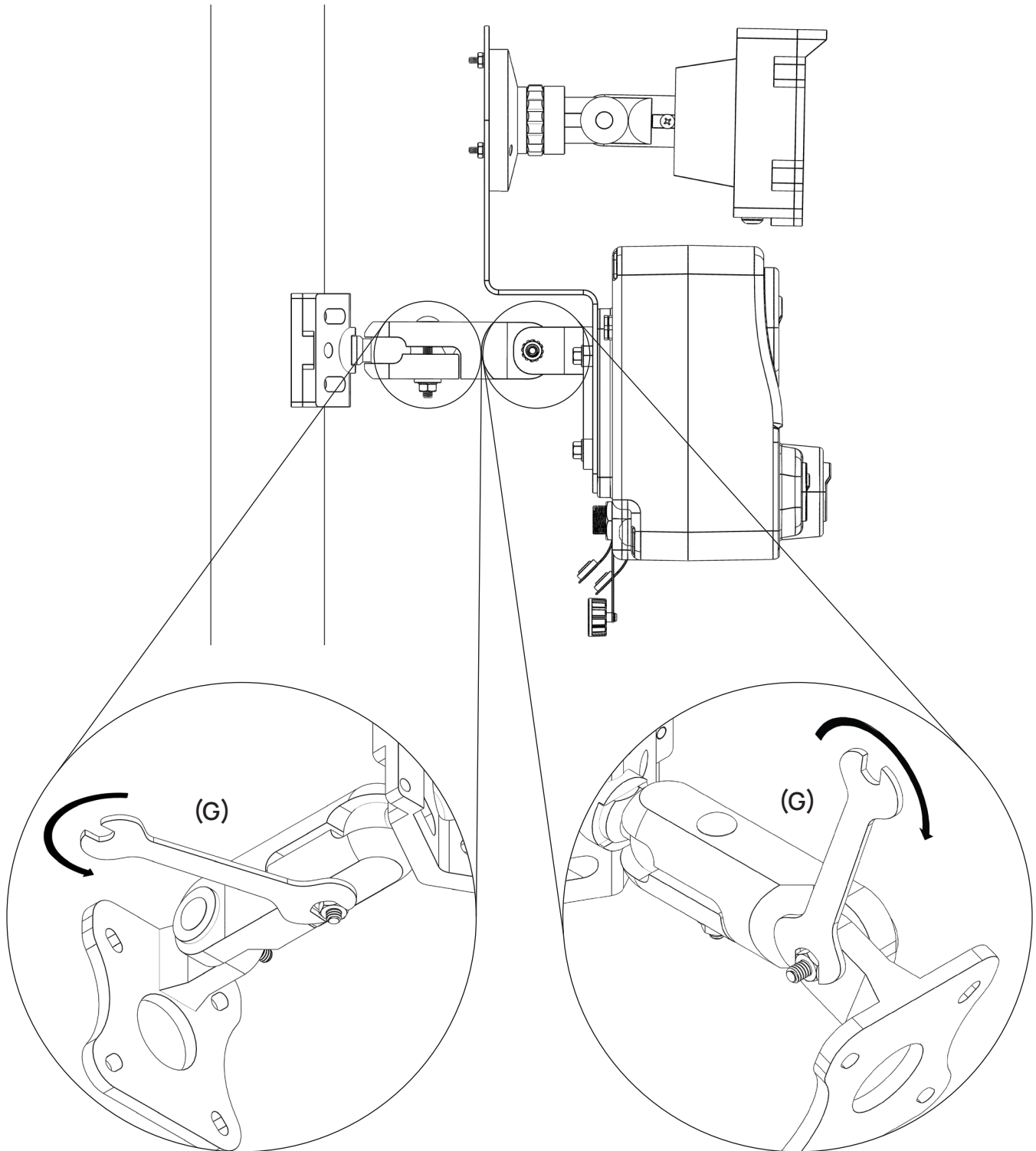


2.



1C: ADJUST THE CAMERA

Modify the angle of your camera arm to get the desired field of view by adjusting the screws at the two points shown below.



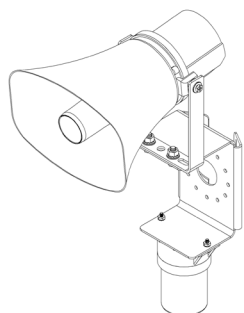
Horizontal Adjustment

Vertical Adjustment

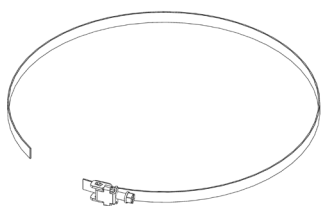
STEP 2: TALKDOWN INSTALLATION

NOTE: TalkDown is an optional accessory to the SWPRO3. If a TalkDown kit was not purchased, proceed to Step 3.

ITEMS REQUIRED



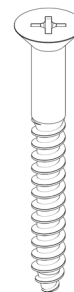
TalkDown Unit
(M)



2x Band Clamp
(C)



7mm Nut Driver*
(D)



2x Wood Screw*
(H)

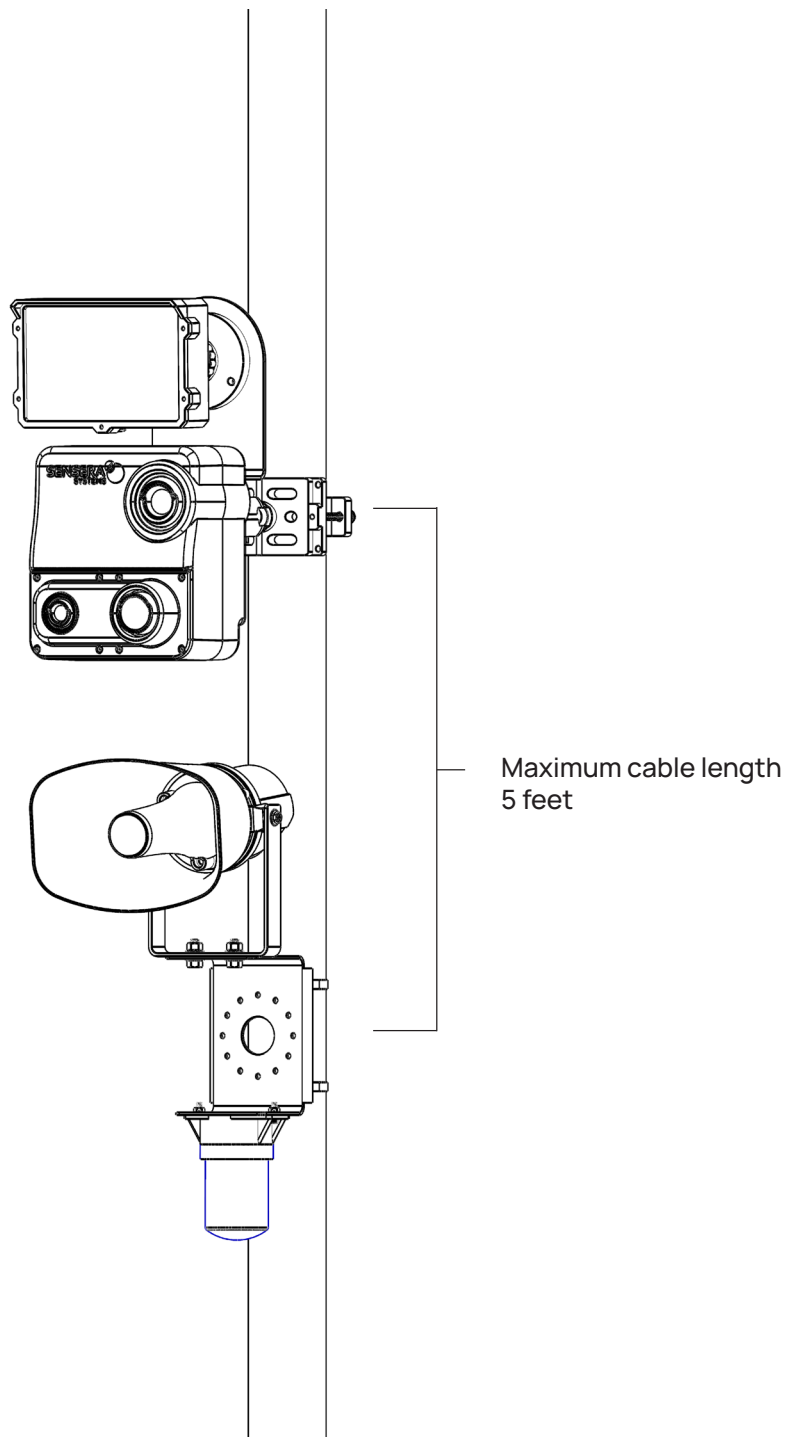
**Wood Screw for use with wooden post/wall*

Other Tools (Not Included):

- Drill for 7mm Nut Driver
- Phillips head screwdriver

2A: POSITION THE TALKDOWN UNIT

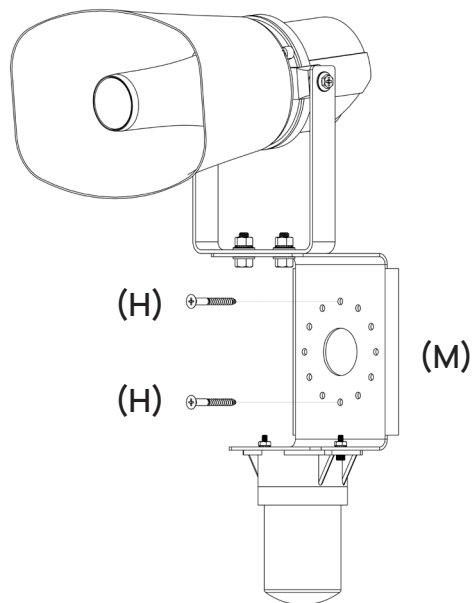
The TalkDown unit and camera should be oriented in the same direction. The TalkDown unit should be no farther than 5 feet below the camera.



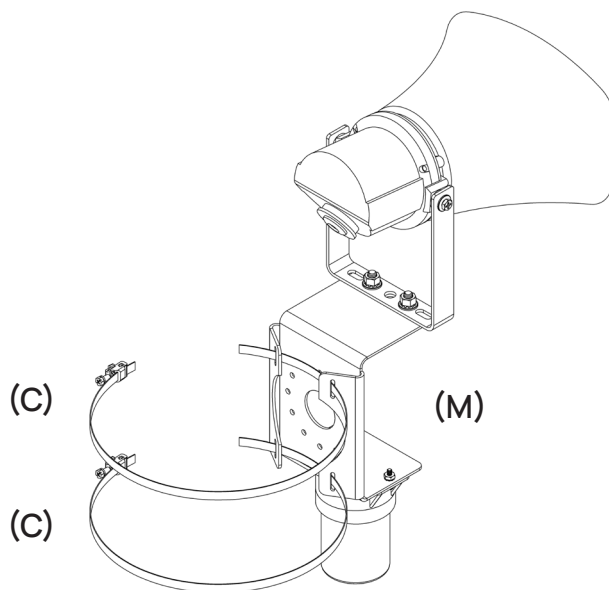
2B: MOUNT THE TALKDOWN UNIT

Select **ONE** of the following two options corresponding to your mounting solution.

OPTION 1: WOODEN POST / FLAT SURFACE



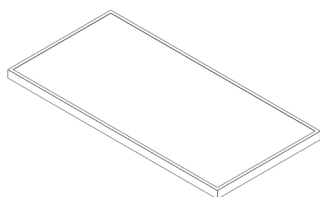
OPTION 2: ANY DIAMETER POLE



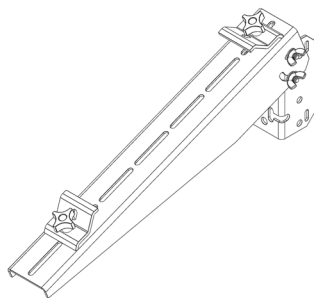
(See page 4 on how to use band clamps (C))

STEP 3: SOLAR PANEL INSTALLATION

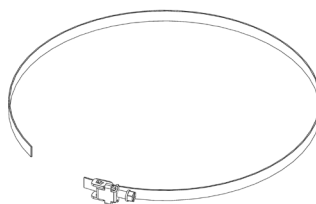
ITEMS REQUIRED



Solar Panel
(E)



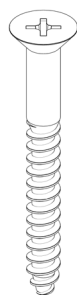
Solar Panel Arm and
Hardware
(F1, F2, F3)



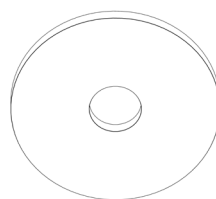
2x Band Clamp
(C)



7mm Nut Driver
(D)



2x Wood Screw*
(H)



2x Large Washer*
(J)

**Wood Screw and Washer for use with wooden post/wall*

Other Tools (Not Included):

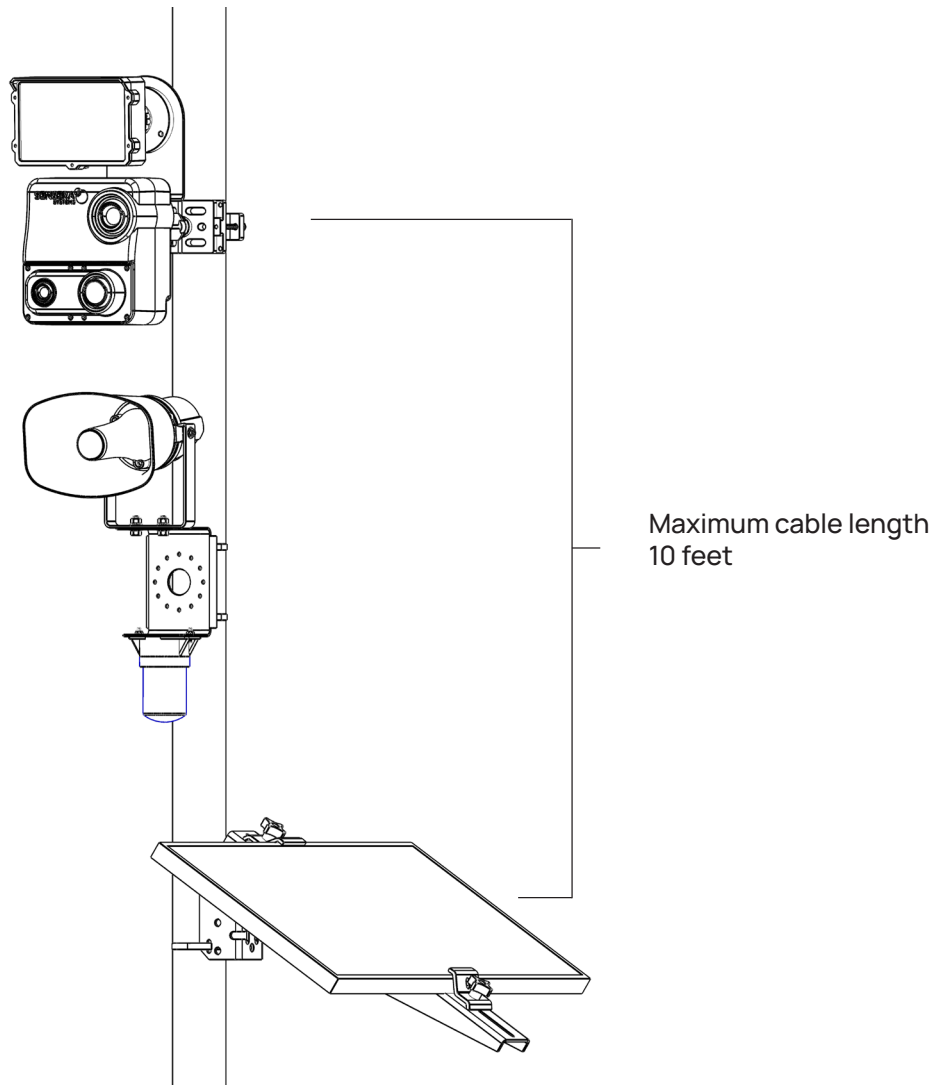
- Drill for 7mm Nut Driver
- Phillips-head screwdriver
- Smart device for SensorAlign App

3A: MOUNT THE SOLAR ARM

For poles/masts, place your panels **below** the cameras and accessories, as low to the ground as cable length will allow for:

AND

- **Face the solar panel south:** Use the SensorAlign app to ensure you point the solar panel south (*for sites north of the equator*) for adequate sunlight exposure
- **Avoid crowding:** Make sure the cameras, accessories, or other solar panels do not shade or obstruct the lowermost solar panels
- **Avoid shadows:** Make sure the system's location is clear of any nearby obstructions that could cast shadows. Even a very small shadow can greatly reduce output power

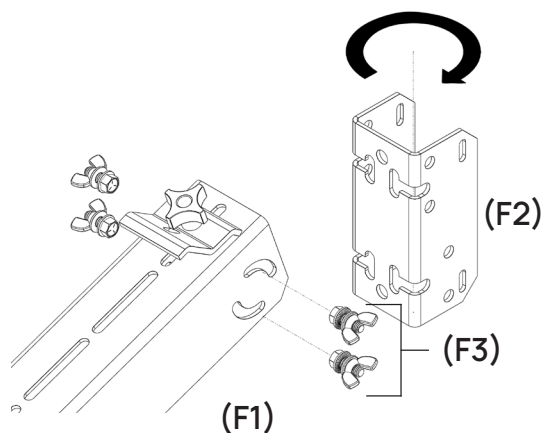


3B: MOUNT THE SOLAR ARM

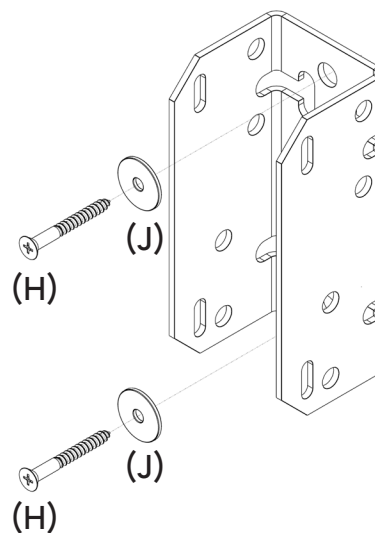
Select **ONE** of the following three options corresponding to your mounting solution.

OPTION 1: WOODEN POST / FLAT SURFACE

1.



2.



Disassemble the arm, reverse F2, and reassemble.

1"

2"

3"

4"

5"

6"

7"

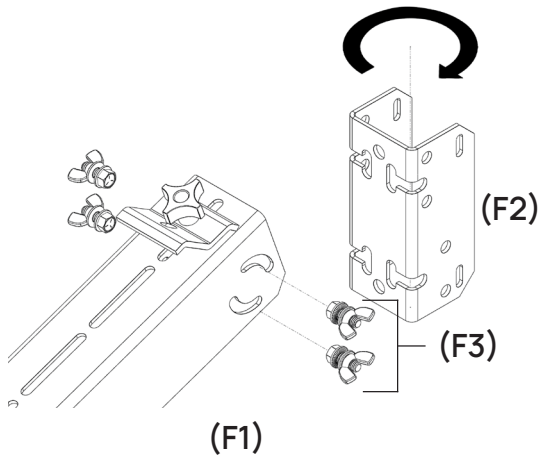
8"

9"

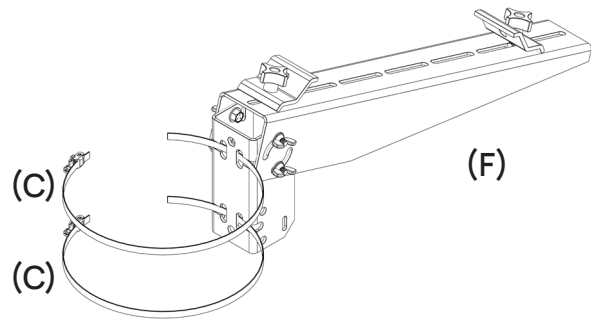
10"

OPTION 2: FOR SMALL DIAMETER POLE (<2.75")

1.



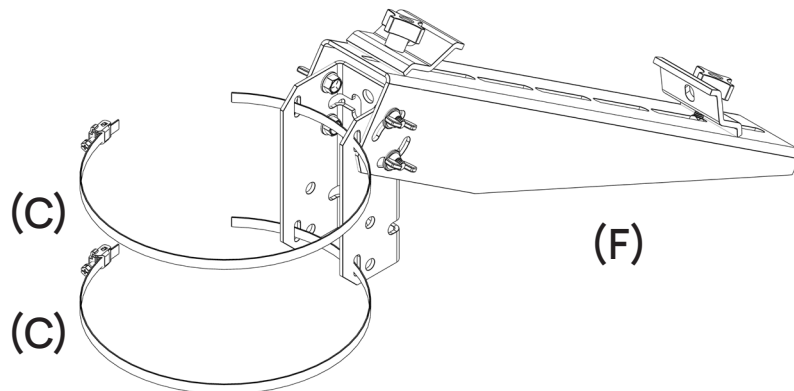
2.



Disassemble the arm, reverse F2, and reassemble.

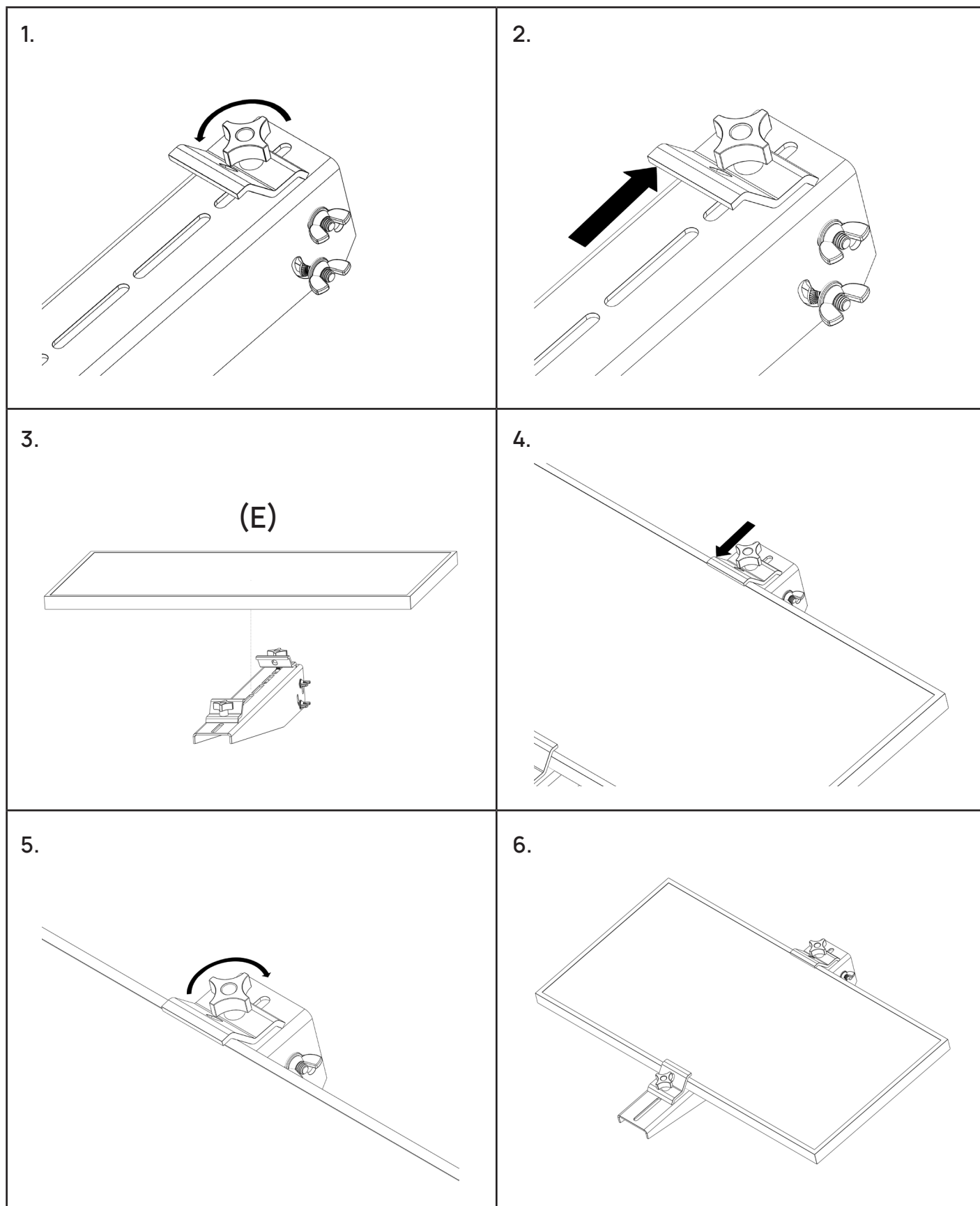
(See page 4 on how to use band clamps (C))

OPTION 3: FOR LARGE DIAMETER POLE (>2.75")



(See page 4 on how to use band clamps (C))

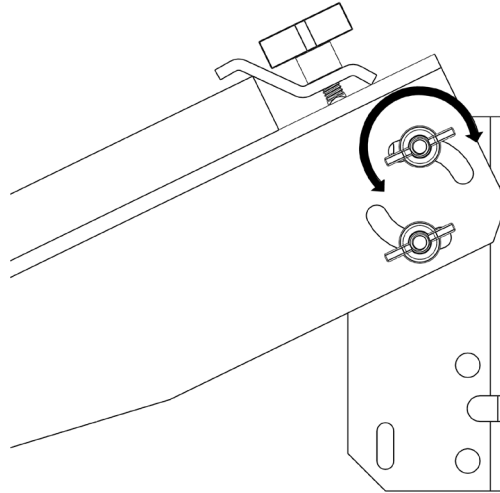
3C: ATTACH THE SOLAR PANEL TO THE SOLAR ARM



3D: ADJUST THE ANGLE OF THE SOLAR ARM

Set the solar panel at the recommended angle for optimal sun exposure using the wing nuts.

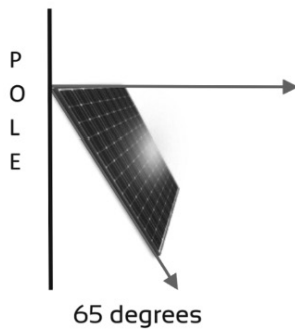
This angle will vary based on your geographic location.



SenserAlign: Scan the QR code to download SenserAlign to help you properly position your solar panel. Available in the App Store and Google Play Store.

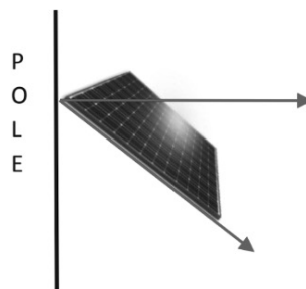


Northern USA, Canada



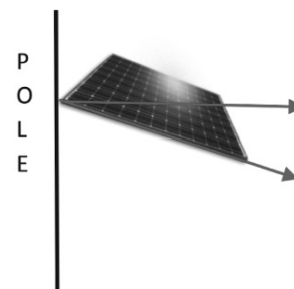
65 degrees

Central USA



45 degrees

Southern USA

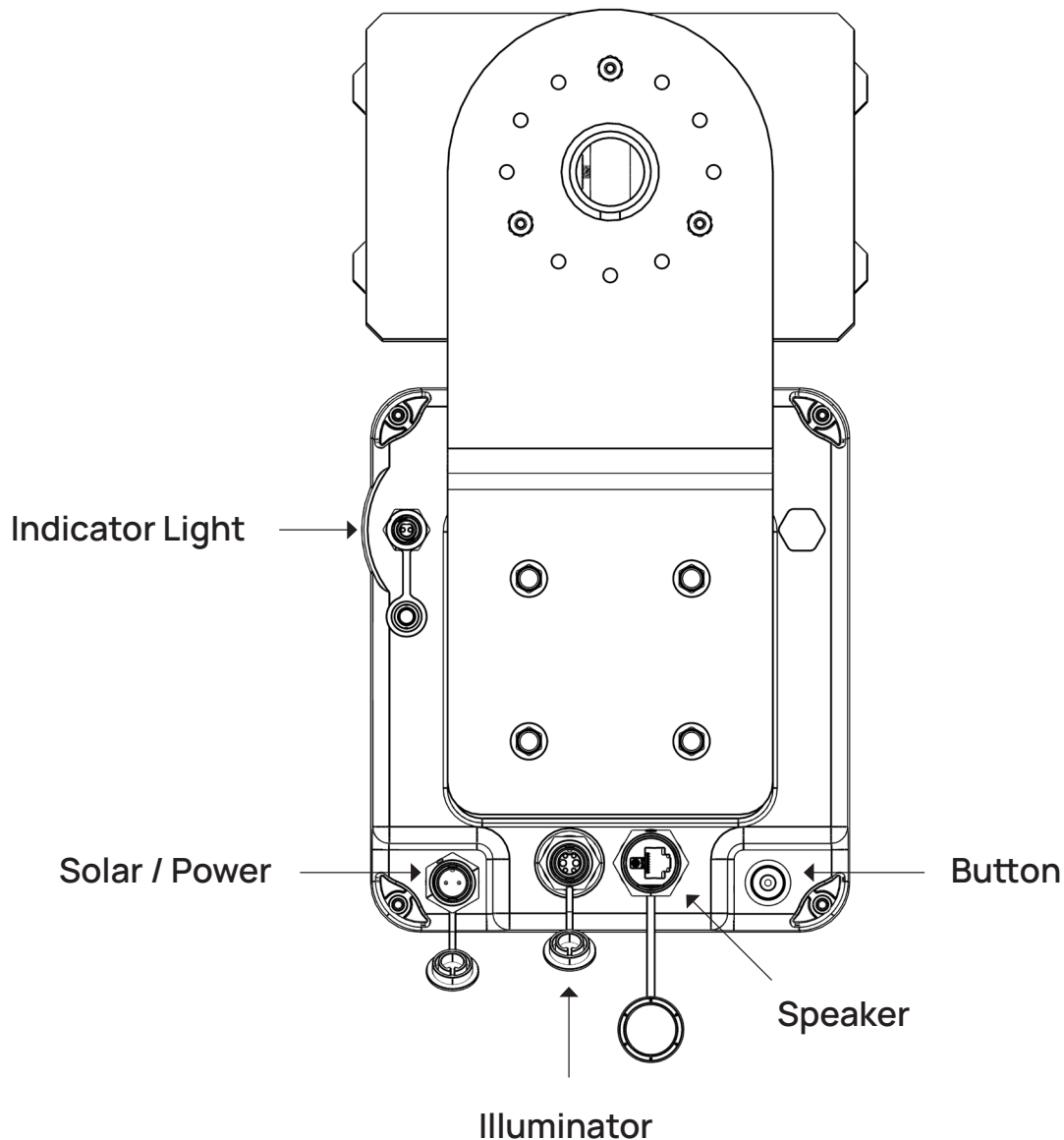


25 degrees

**If you are located outside of North America, please use the SenserAlign App for the correct angle*

STEP 4: CABLE CONNECTIONS & CONFIGURATION

1. Each port on the camera is covered by a weather-resistant cap. Remove the caps from the ports.
2. Match each cable connector to the correct port and insert it in fully. Note the keyed connectors and cables, which must be aligned during connection.
Please refer to the below image for an explanation of which ports are related to each function.
3. The power, illuminator, and indicator light cables have a locking ring at the end. Twist the locking ring until you feel it click into place to secure the connection. The speaker connection does not have a locking ring, and should be fastened tightly.



FINAL CHECKLIST

- ☐ Cross check camera placement with Sensera Systems Site Plan
- ☐ Take an on demand picture in SiteCloud to verify field of view
- ☐ Double check all cable connections and their locking mechanism
- ☐ Keep a copy of your serial numbers, locations, and the type of accessories each camera has for future reference
- ☐ Keep your indoor AC charger in a secure location
- ☐ Schedule an onboarding session with Sensera Systems Customer Support

REMINDER: Hardware is provided for multiple mounting solutions and there will be extra components at the end of installation.

Limited Warranty

July 1st, 2021

1. LIMITED PRODUCT WARRANTY

11.1 WHAT IS COVERED

This limited warranty covers defects in materials and workmanship in Products.

11.2 WHAT IS NOT COVERED

This limited warranty does not cover any damage, deterioration, or malfunction resulting from any alteration, modification, tampering, improper or unreasonable use or maintenance, misuse, abuse, accident, neglect, exposure to extreme weather conditions, environmental conditions outside the specified ranges, fire, improper packing and shipping (such claims must be presented to the carrier), lightning, power surges, or other acts of nature or God.

11.3 HOW LONG THIS COVERAGE LASTS

This limited warranty with respect to any purchased Products lasts three (3) years from the original invoice date under which Buyer is billed for each such Product. This limited warranty for all rental Products lasts for the Rental Term applicable to each such Product.

11.4 WHO IS COVERED

If Buyer resells any Products, this limited warranty does not transfer to the new owner upon resale.

11.5 WHAT SENSERA WILL DO UNDER THIS LIMITED WARRANTY SENSERA will, at its sole option, provide one of the following two remedies to satisfy a proper claim under this limited warranty:

1. Elect to repair any defective Products within a reasonable period of time, free of any charge for the necessary parts and labor to repair the Products to their proper operating condition.
2. Replace the defective Products with, at its sole option, new or refurbished replacement Products or with similar Products deemed by SENSERA to perform substantially the same function as the original Products.

Products that Buyer purchased that are repaired or replaced under this limited warranty will be warranted for the remainder of the original warranty period or ninety (90) days, whichever is longer. Products that Buyer rents that are repaired or replaced under this limited warranty will be warranted for the remainder of the original warranty period.

11.6 WHAT SENSERA WILL NOT DO UNDER THIS LIMITED WARRANTY SENSERA will not be responsible for any costs related to the removal or return of the Products. SENSERA will not be responsible for any costs related to any re-installation of the Products or any adjustment of User controls or any programming required during any re-installation of the Products.

11.7 HOW TO OBTAIN A REMEDY UNDER THIS LIMITED WARRANTY To obtain a remedy under this limited warranty, Buyer must contact SENSERA Customer Support at 800-657-0437 or support@senserasytems.com. Buyer must provide the serial number for the affected Product and the original invoice under which the defective Product was purchased as proof of purchase. If a Product is to be returned for repair or replacement, a return authorization number ("RMA Number") is required and will be provided to Buyer. Buyer will securely package the returned Product in a carton bearing the associated RMA Number. If a replacement Product is provided and SENSERA does not receive the defective Product to be returned under this limited warranty within fourteen (14) days of SENSERA providing the RMA Number to Buyer, SENSERA reserves the right to invoice, and Buyer will promptly pay, as applicable, (i) a late return fee owing for the period following the fourteen (14) day return window and the date on which SENSERA actually receives the returned Product, or (ii) a non-return fee, up to the then current published purchase price for the replacement Product, if Buyer never actually returns the defective Product.

11.8 OTHER CONDITIONS

This limited warranty is void vis-a-vis a certain Product if (a) the label bearing the serial number of the Product has been removed or defaced; or (b) the Product is not distributed by SENSERA.