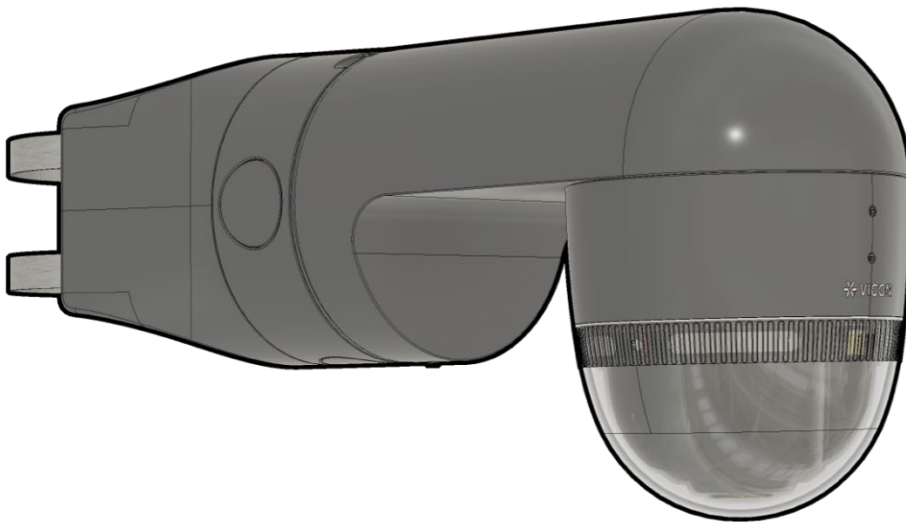


NEXT

QUICK INSTALLATION GUIDE

Pole Mount Kit

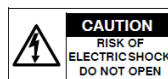


NOTICES

- This camera operates at PoE (IEEE 802.3at minimum).
- Installation and service should be performed only by qualified and experienced technicians and comply with all local codes and rules to maintain your warranty.
- We are NOT liable of any damage arising either directly or indirectly from inappropriate installation which is not depicted within this documentation.
- To reduce the risk of fire or electric shock during installation, do not expose the product to rain or moisture.
- To remove fingerprints, dust, contaminants, etc., that could occur during installation, wipe the camera with a dry soft cloth. For tough stains, slightly apply a diluted neutral detergent and wipe with a dry soft cloth.
- Do not apply benzene or thinner to the camera, which may cause the surface to melt or lens to fog.
- Avoid aligning the lens with extremely bright objects (e.g., light fixtures) for long periods of time.
- Although this camera is waterproof and suitable for both indoor and outdoor usages, please do not immerse the camera into water.
- Avoid operating or storing the camera in the following locations:
 - Extremely humid, dusty, or hot/cold environments (recommended operating temperature: -40 to 131° F/-40°C to +55°C)
 - Close to sources of powerful radio or TV transmitters
 - Close to fluorescent lamps or objects with reflections
 - Under unstable or flickering light sources
- EN: This product should be supplied by Power-over-Ethernet (PoE).
The equipment should have on Power over Ethernet (PoE) standards as per IEEE802.3 (42.5-57VDC, 51W), Tma is 55 degree C minimum and altitude 5000m.
If you need further assistance, please contact the manufacturer or brand owner for more information.
- FR: Ce produit doit être alimenté par Power-over-Ethernet (PoE).
- L'équipement doit être conforme aux normes Power over Ethernet (PoE) selon IEEE802.3 (42,5-57 VDC, 51 W), la Tma doit être d'au moins 55 degrés C et l'altitude de 5 000 m.
- EN: The equipment powering the Camera should be connected to a socket-outlet with earthing connection.
- FR: L'équipement alimentant la caméra doit être connecté à une prise de courant avec mise à la terre.



WEEE (Waste Electrical and Electronic Equipment). Correct disposal of this product (applicable in the European Union and other European countries with separate collection systems). This product should be disposed of, at the end of its useful life, as per applicable local laws, regulations, and procedures.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THE UNIT.



THIS SYMBOL INDICATES THAT IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS ACCOMPANY THIS UNIT.

FC FCC COMPLIANCE STATEMENT

Information to the user: This unit has been tested and found to comply with the limits for a Class A digital device pursuant to 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. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This unit generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this unit does cause harmful interference to radio or television reception, which can be determined by turning the unit off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the unit and receiver.
- Connect the unit to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the unit.

ATTENTION: Les changements ou modifications non expressément approuvés par la partie responsable de la conformité peuvent annuler le droit de l'utilisateur à utiliser l'appareil.

CE STATEMENT

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. The manufacturer declares that the unit supplied with this guide is compliant with the essential protection requirements of EMC directive and General Product Safety Directive GPSD conforming to requirements of standards EN55032, EN55035, EN61000-3-2, EN61000-3-3, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, and IEC 61000-4-11 for emission and immunity and UKCA.

This product is IP67 rated for outdoor environments and IK10 rated for impact protection. The camera product also meets regulations required to be NDAA, GSA schedule and TAA approved.

IN THIS GUIDE

POLE MOUNT INSTALLATION	4
PACKAGE CONTENTS	4
INSTALLATION	4
Centerline	4
Installing the Pole Mount	5
Installing the Conduit Box and Wall Mount to the Pole Mount	7
Connect the Cables	11
Assemble the Components	12
Install the Camera Sensor	15

POLE MOUNT INSTALLATION

PACKAGE CONTENTS

Pole Mount Kit VNX-AC-PMKT-0

- Pole Mount
- Wall Mount
- Conduit Box Mount
- Mounting Straps (2 sets) and Hardware

When unpacking, check to see if there is any visible damage to the appearance of the mount. Remove any protective materials from the bracket after every item is properly checked.

CAUTION: To minimize the possibility of moisture being trapped inside the Camera Sensor, keep the sensor module in its factory-sealed bag with the desiccant bag intact until it is ready to be installed.

INSTALLATION

Select a pole mounting location that is clear from any obstacles, such as steel beams, pipes, etc., that would interfere with mounting. Route any necessary cabling to the installation site. It is recommended that all cabling go through the pole.

Centerline

The centerline refers to the home position of the camera lens, and before you begin your installation, you'll need to determine where that home position will be. Once installed, the "C" (for centerline) on the Base will align with the Vicon logo on the Fixture and the lens home position (default position out-of-the-box). So, before you mount the Base to its surface, make sure the "C" on the Base reflects your home position.

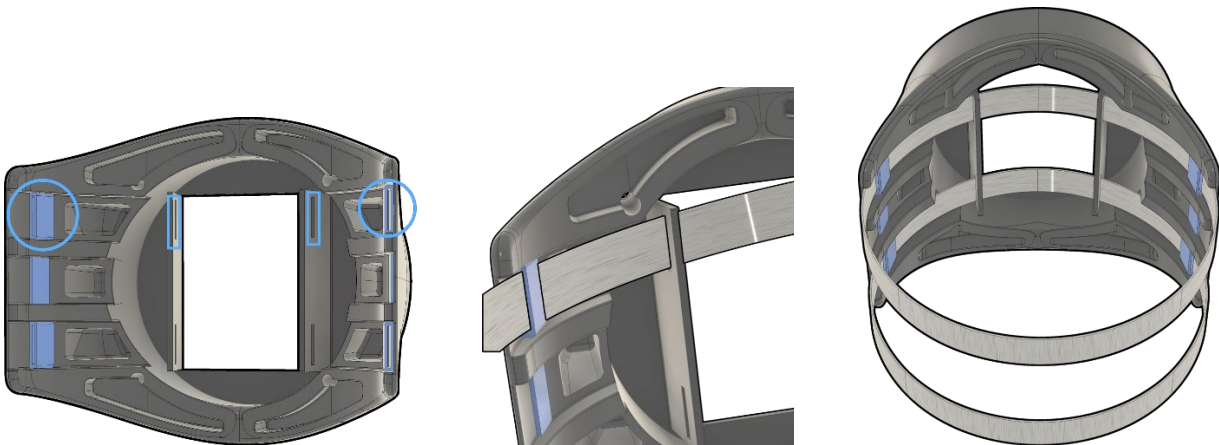
For **wall surface mount applications**, the centerline will be facing down.



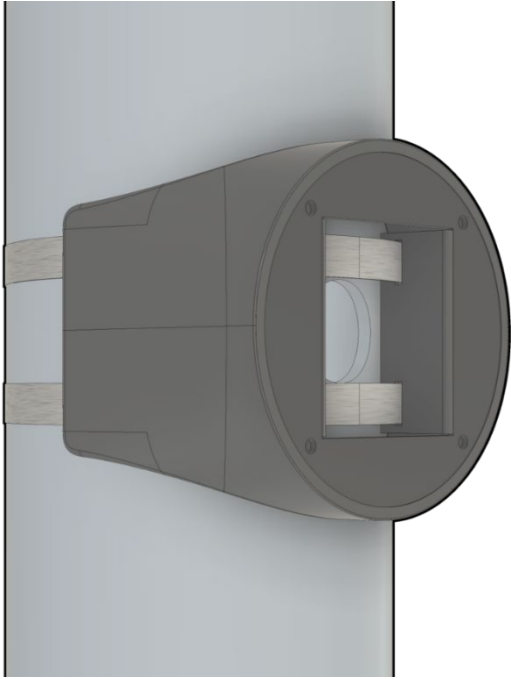
Installing the Pole Mount

The Pole Mount Kit includes the Pole Mount Adaptor, two sets of mounting straps, the Conduit Box Mount and the Wall Mount.

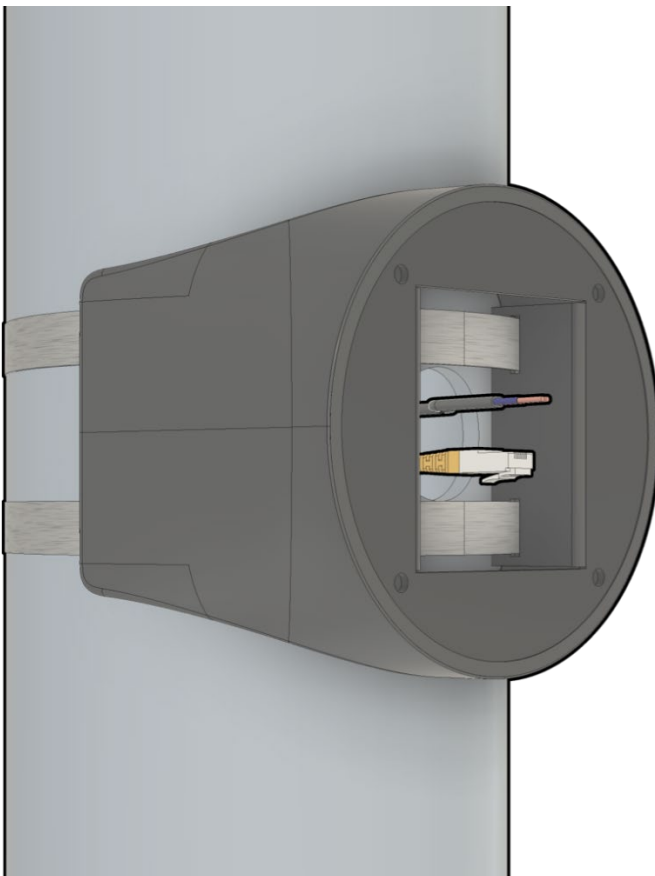
1. Cut a cable access hole at the location on the pole where the pole mount will be installed.
2. Two sets of mounting straps are provided with the kit. The short straps are for poles 3-in. – 5-in. in diameter and the longer straps are for poles with a diameter of 5-in. – 8-in. Choose the straps required for this installation.
3. Insert one end of each strap (2X) through the four slots in the Pole Mount.



4. Place the Pole Mount at the installation location on the pole. Secure it to the pole by tightening the screw on the clamp on the straps.



5. Route the cables through the Pole Mount.

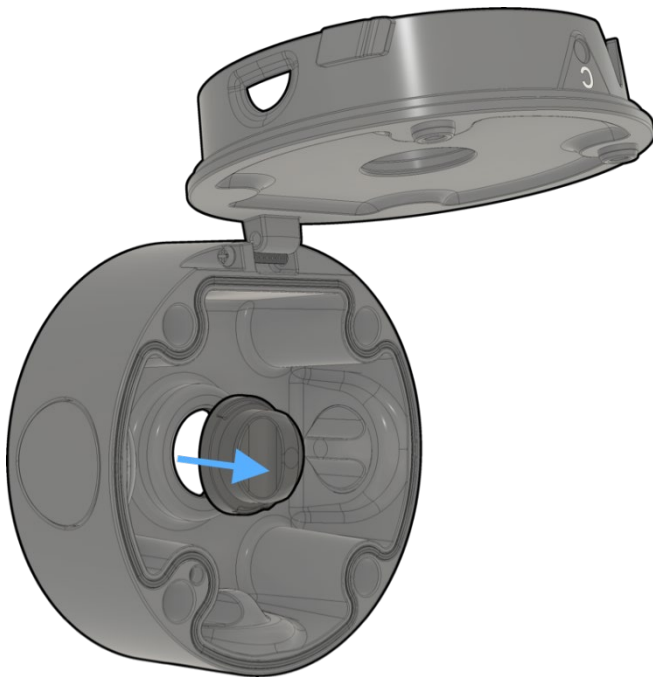


Installing the Conduit Box and Wall Mount to the Pole Mount

1. Identify the Centerline and Security Lock Screw on the Conduit Box cover.
2. Open the hinged cover of the Conduit Box.

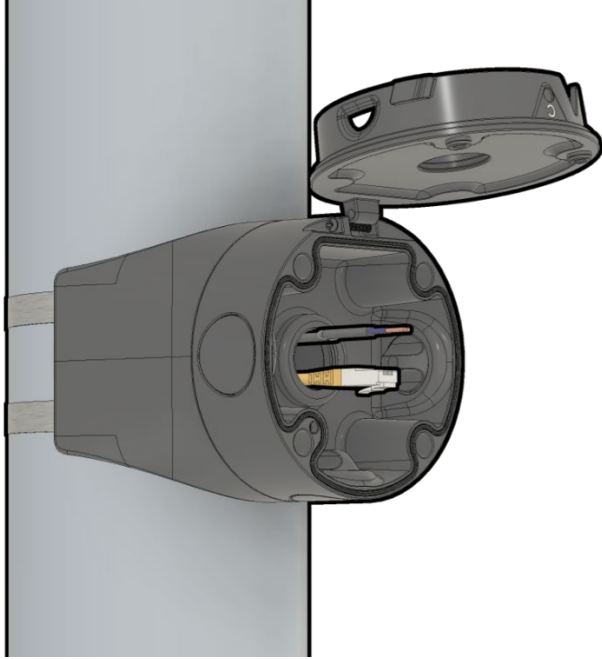


3. Remove the conduit plug from the cable access hole that will be used for conduit entry for this installation (there are 4x conduit plugs). It is recommended to use the hole that is at the mounting surface.



4. Pull cables through the cable access hole in the Conduit Box.

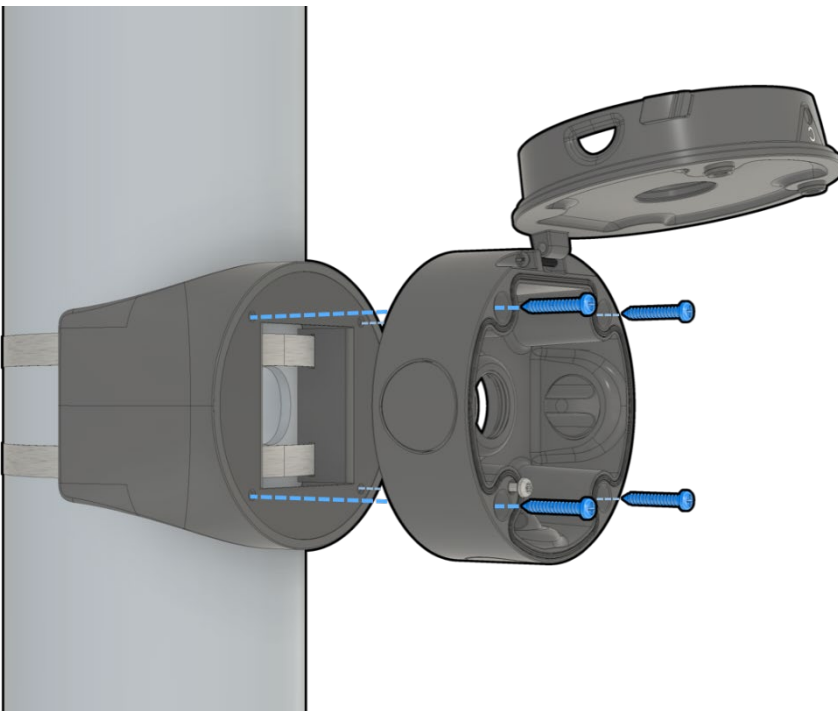
NOTE: Provide sufficient cable length to run through the Wall Mount.



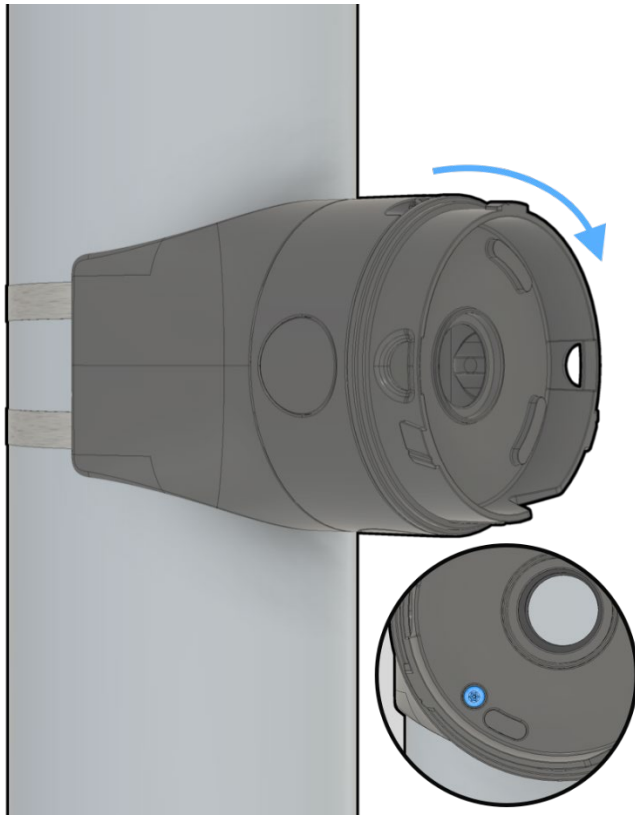
5. Align the mounting holes on the Conduit Box with the holes on the Pole Mount.

NOTE: The C indicates the centerline for the camera installation.

6. Secure the Conduit Box to the Pole Mount using the four Philips head screws provided.



7. Close the cover.

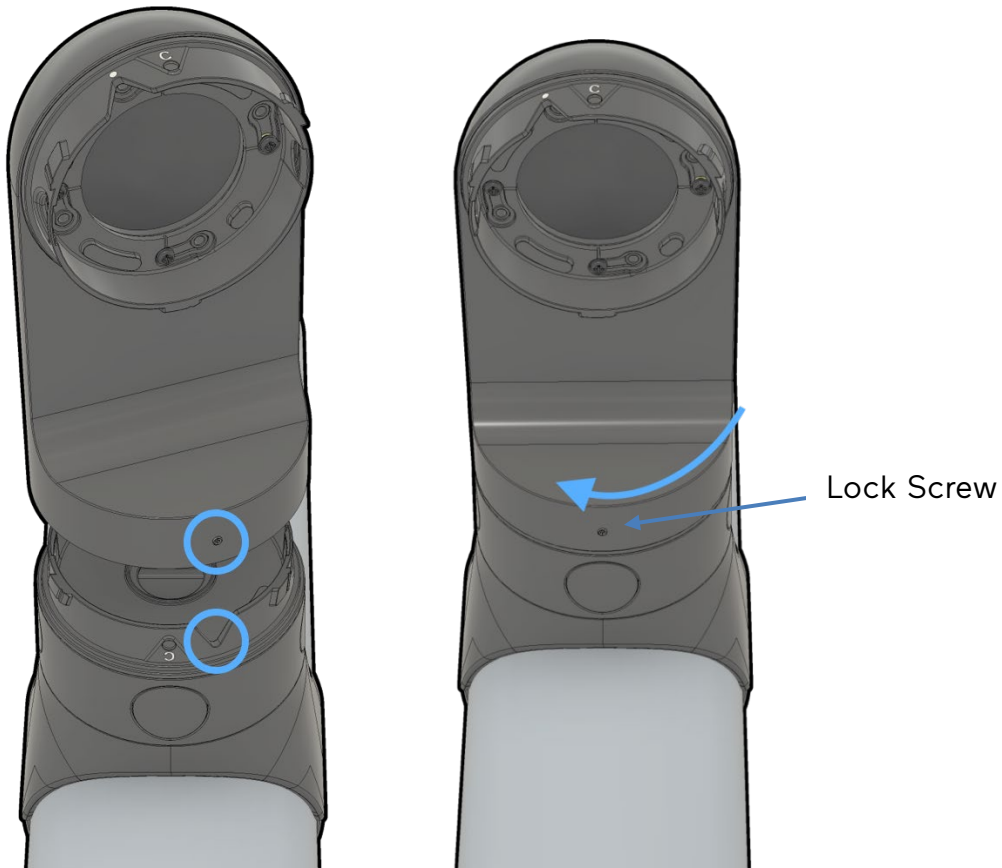


8. Pull cables through the Wall Mount.

9. Align the Wall Mount with the Conduit Box. Twist install the Wall Mount to the Conduit Box cover. Use the Torx wrench to tighten the lock screw to secure the Wall Bracket to the Conduit Box.

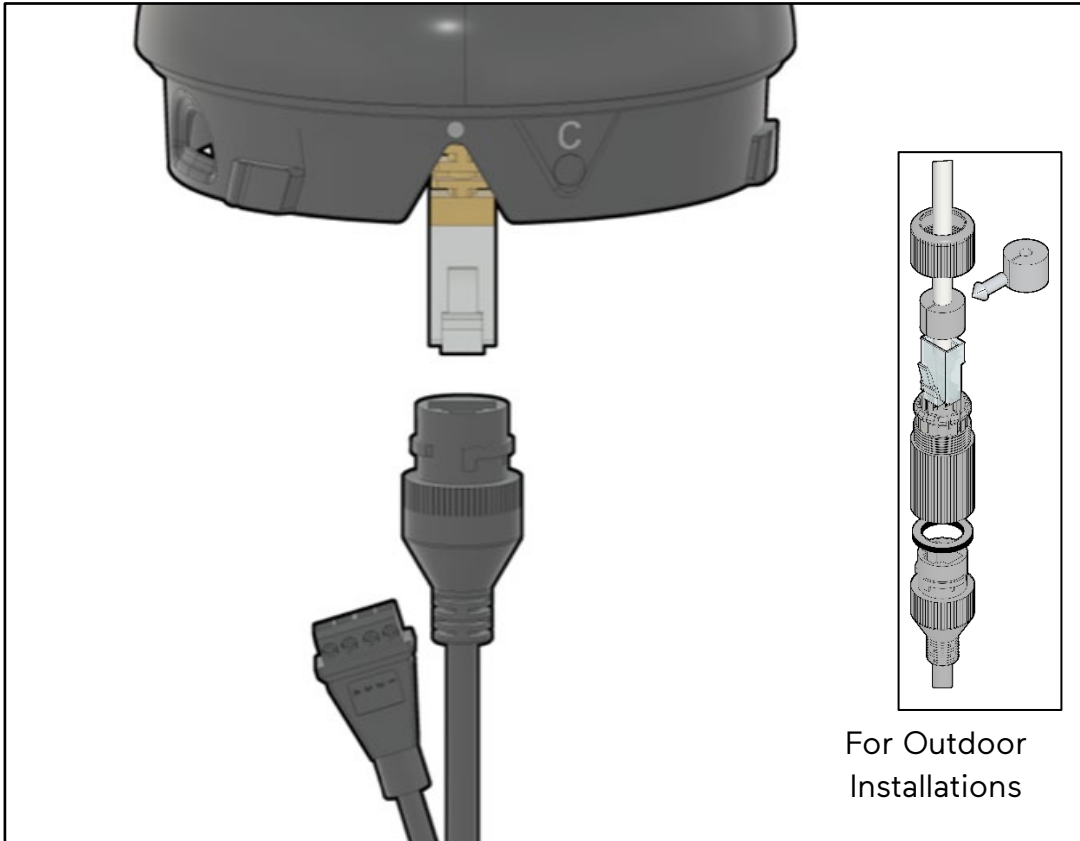


NOTE: Do not overtighten; overtightening can strip the threads.

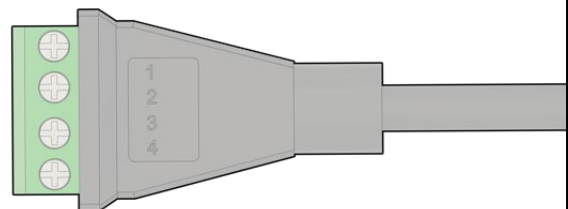


Connect the Cables

1. Connect Ethernet and Alarm I/O cables as required to the pigtail of the Network Hub.



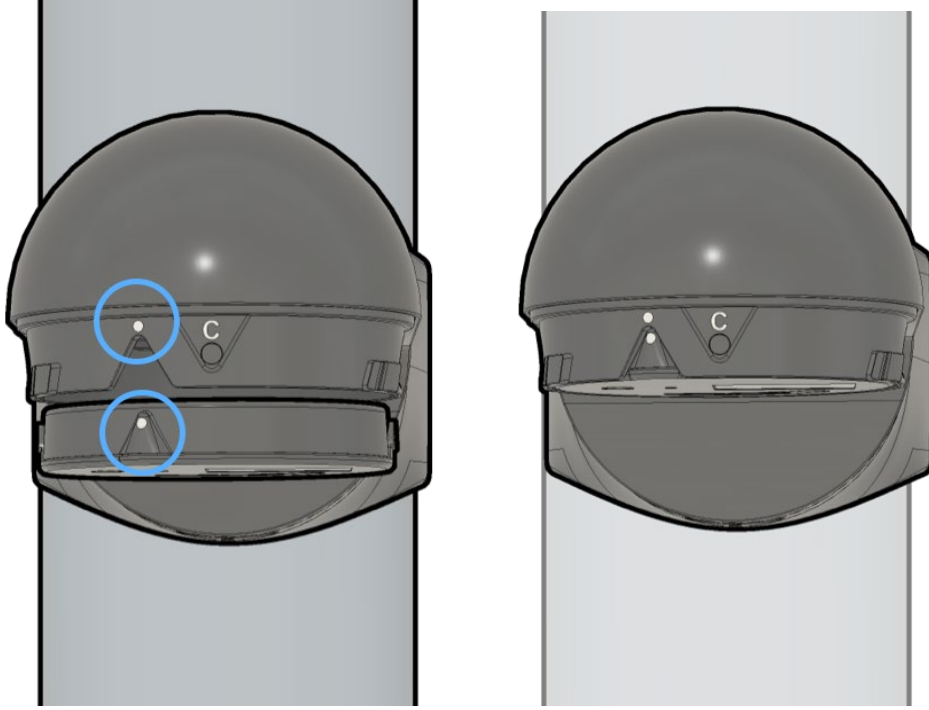
PIN 1 - ALARM IN-
PIN 2 - ALARM IN+
PIN 3 - ALARM OUT-
PIN 4 - ALARM **OUT+**



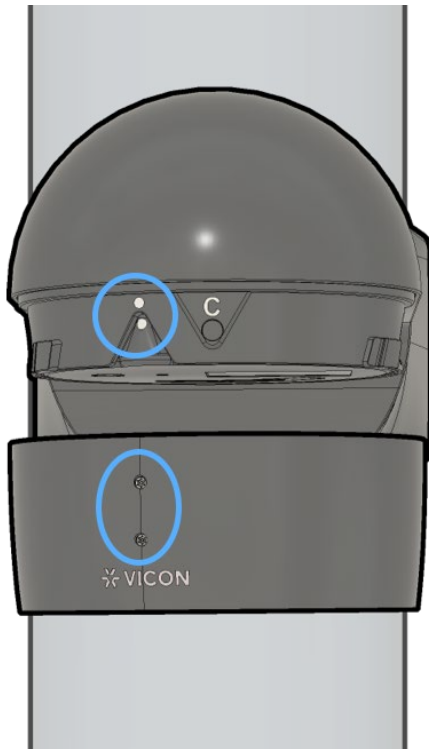
2. Push cables back into the Wall Mount.

Assemble the Components

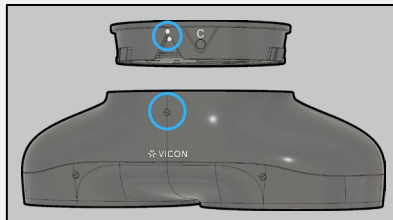
1. Align the single dot indicator on the Network Hub with the dot on the Wall Mount and snap the Network Hub into place.



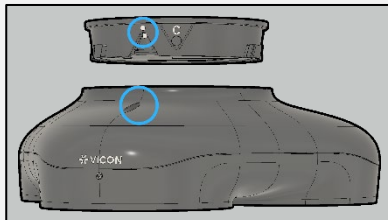
2. Align the lock screw(s) on the Fixture with the double dot indicators on the installed Network Hub.



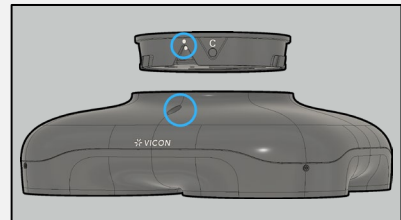
NOTE: Multi-sensor fixtures only have one lock screw that aligns to the double dot indicators on the installed Network Hub.



DUO



TRIO

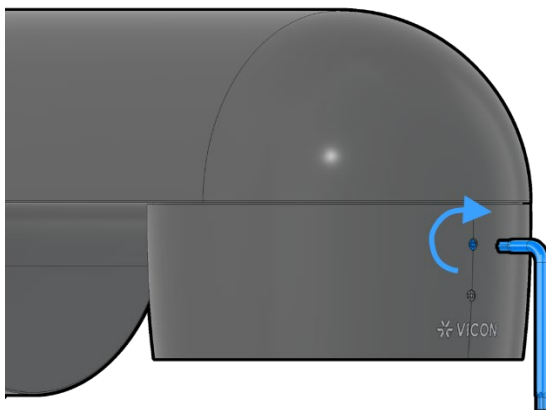


QUAD

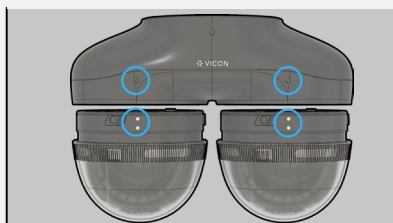
3. Twist the Fixture to the right to lock it into place. The Vicon logo on the Fixture is now aligned with the Base's centerline ("C").



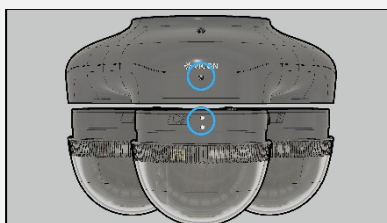
4. Turn the security screw on the Fixture approximately 2 turns maximum until it contacts the Base. This prevents the fixture from being removed. No torque is required (refer to warning label).



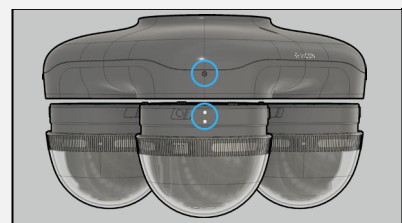
NOTE: Multi-sensors only have one lock screw for the base.



DUO



TRIO



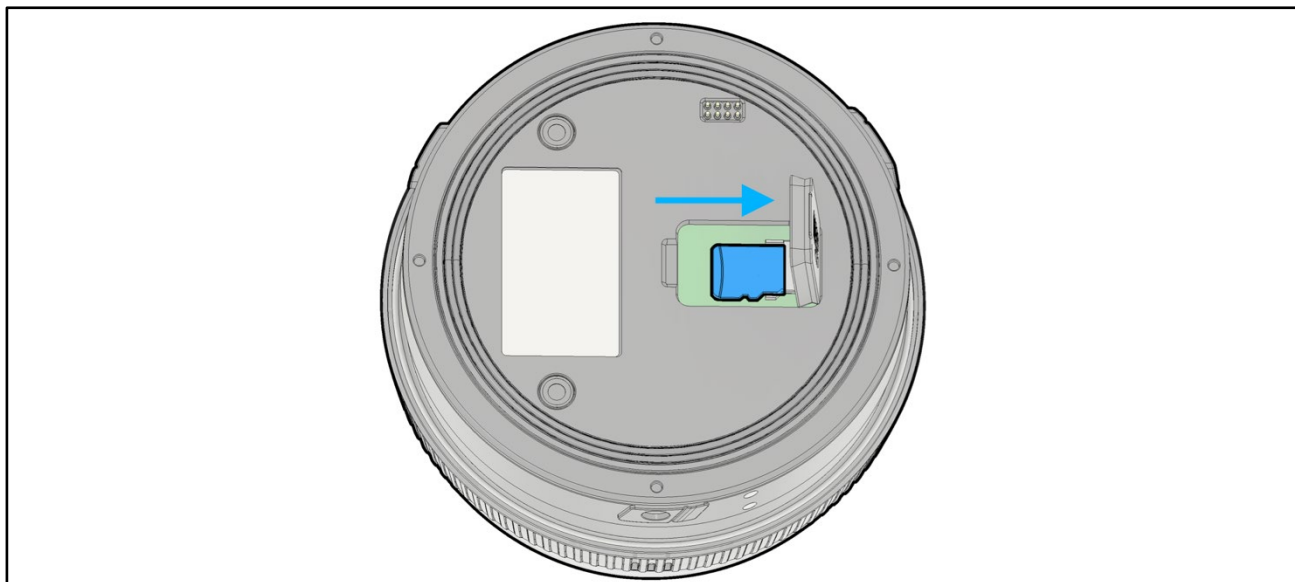
QUAD



NOTE: Do not overtighten; overtightening can strip the threads.

Install the Camera Sensor

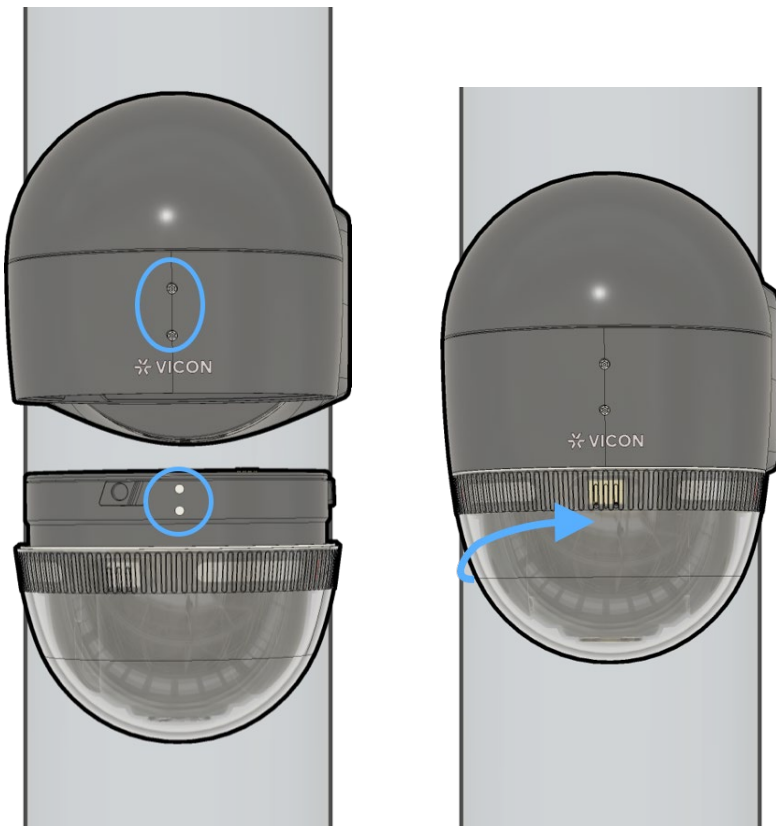
1. Just prior to installation, remove the Camera Sensor from the factory-sealed bag.
2. If using edge recording for On-Prem or Anavio solutions, install the Vicon Edge Recording Card (VNX-EL-SD5G-0/VNX-EL-SD1T-0) into each sensor.



NOTE: Only the Vicon Edge Recording Cards (VNX-EL-SD5G-0/VNX-EL-SD1T-0) are accepted.

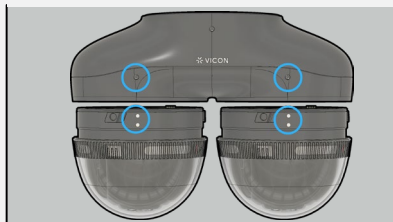
3. Align the double dot indicators on the Camera Sensor(s) with the with the lock screw(s) on the Fixture, then twist it to the right to lock it into place, then twist it to the right to lock it into place.

NOTE: The NEXT cameras are built with a special membrane to allow internal moisture to vent, ensuring the IP67 rating. However, in certain environments, some moisture vapor may pass through. Upon powering up the camera, there may be some temporary condensation inside the bubble. This is normal and will typically clear on its own within 2-4 hours but may take longer based on the environment.

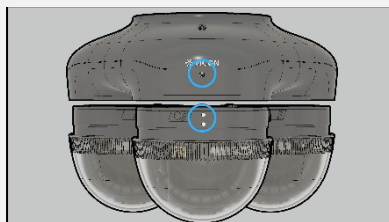


4. Upon successful power-up, the LED lightbars on the Camera Sensor(s) will sequence and then flash green for 15 seconds upon successful installation.

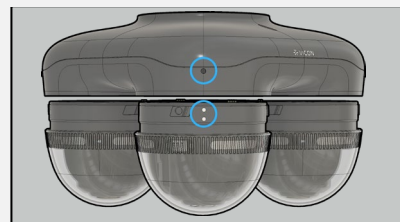
NOTE: Multi-sensor fixtures only have one lock screw that aligns to the double dot indicators on the Camera Sensor.



DUO



TRIO



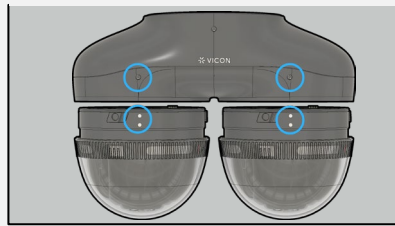
QUAD

5. Turn the security screw approximately 2 turns maximum until it contacts the Base and Camera Sensor. This prevents the camera from being removed. No torque is required. For added security, use the T8 Security Torx wrench to tighten the lock screws (on the Fixture and the Wall Mount).

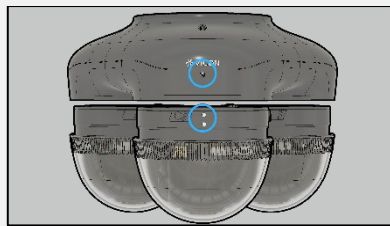


NOTE: Do not overtighten; overtightening can strip the threads.

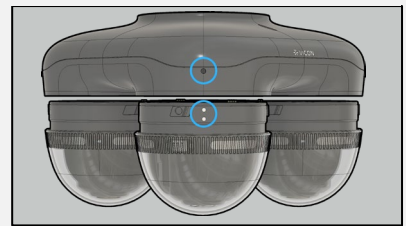
NOTE: Multi-sensors only have one lock screw for the base and one per sensor. Tighten each of them.



DUO



TRIO

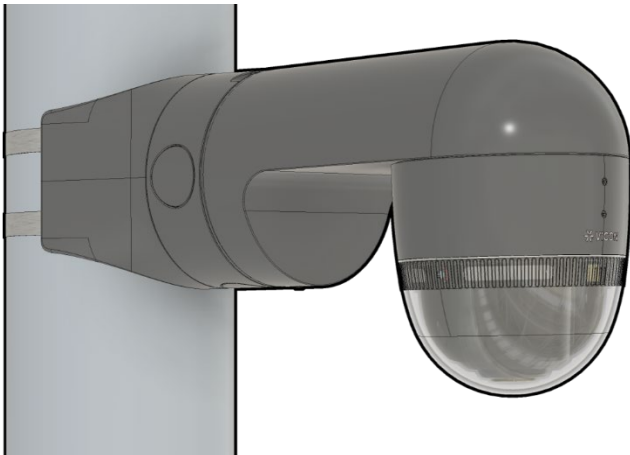


QUAD

6. Remove the WARNING labels from the Fixture.



Installation is complete.





Vicon Industries Inc. does not warrant that the functions contained in this equipment will meet your requirements or that the operation will be entirely error free or perform precisely as described in the documentation. This system has not been designed to be used in life-critical situations and must not be used for this purpose.

Document Number: 8009-8344-95-01 Rev: 8/25
Product specifications subject to change without notice
Copyright © 2025 Vicon Industries Inc. All rights reserved.

24-Hour Technical Support:
800-34-VICON (800-348-4266)
UK: 44/(0) 1489-566300
Toll Free: 800-645-9116

T: 631-952-2288
F: 631-951-2288

vicon-security.com