

NEXT

QUICK INSTALLATION GUIDE

Conduit Box Mount

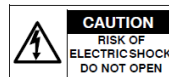


NOTICES

- 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.

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CONDUIT BOX INSTALLATION

PACKAGE CONTENTS

Conduit Box Mount VNX-AC-CBBK-0

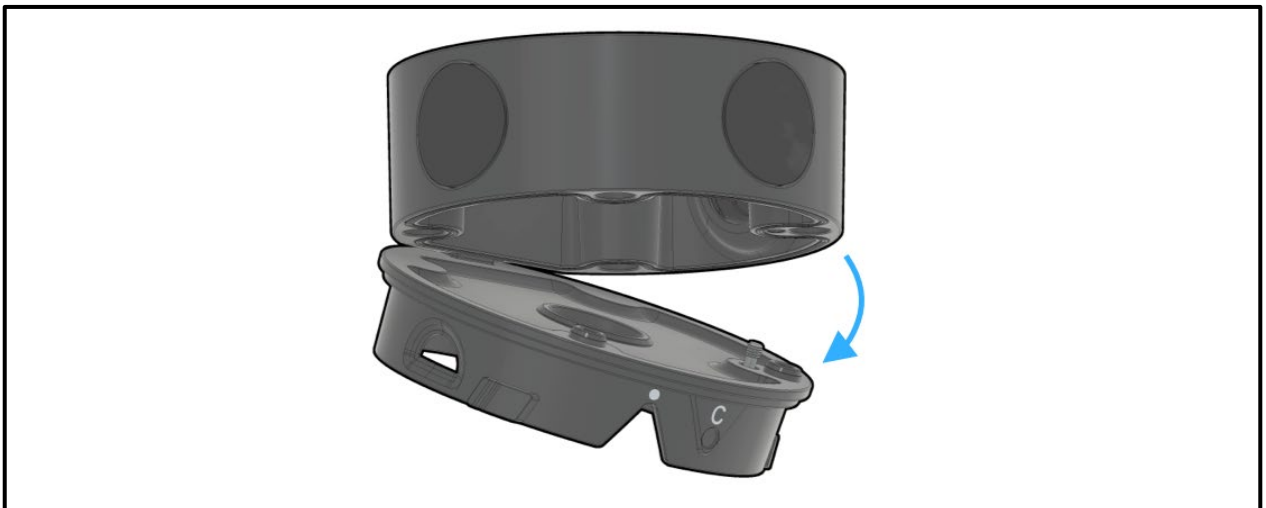
- Conduit Box
- 4x TP4 Screws/Plastic Wall Inserts Kit (Phillips)
- T20 Torx Wrench

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

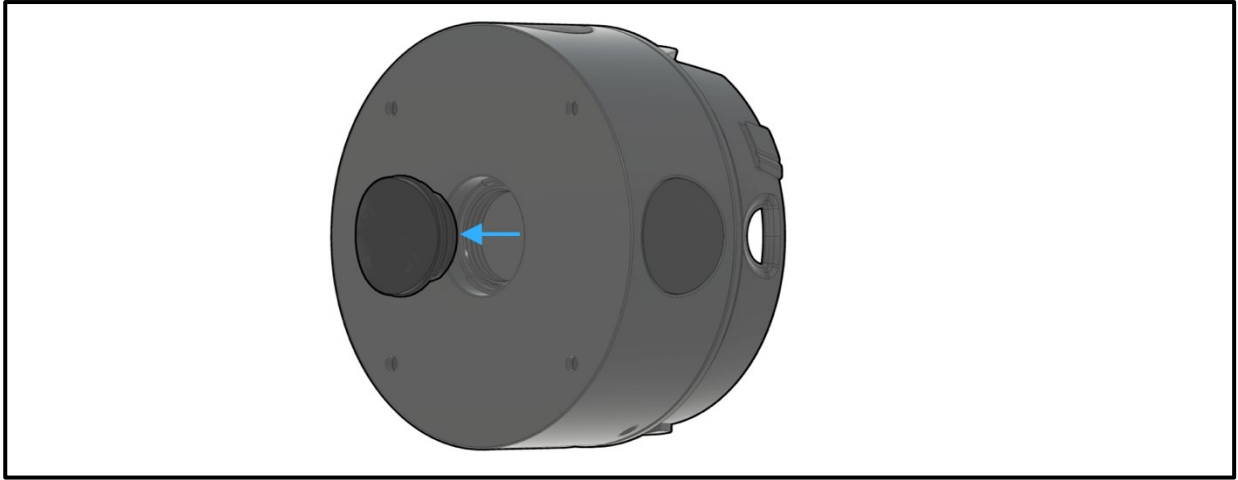
CAUTION: To minimize the possibility of moisture being trapped inside the Camera Sensor, keep the sensor module in its factory-sealed bag with the desiccant bag intact until it is ready to be installed.

INSTALLATION

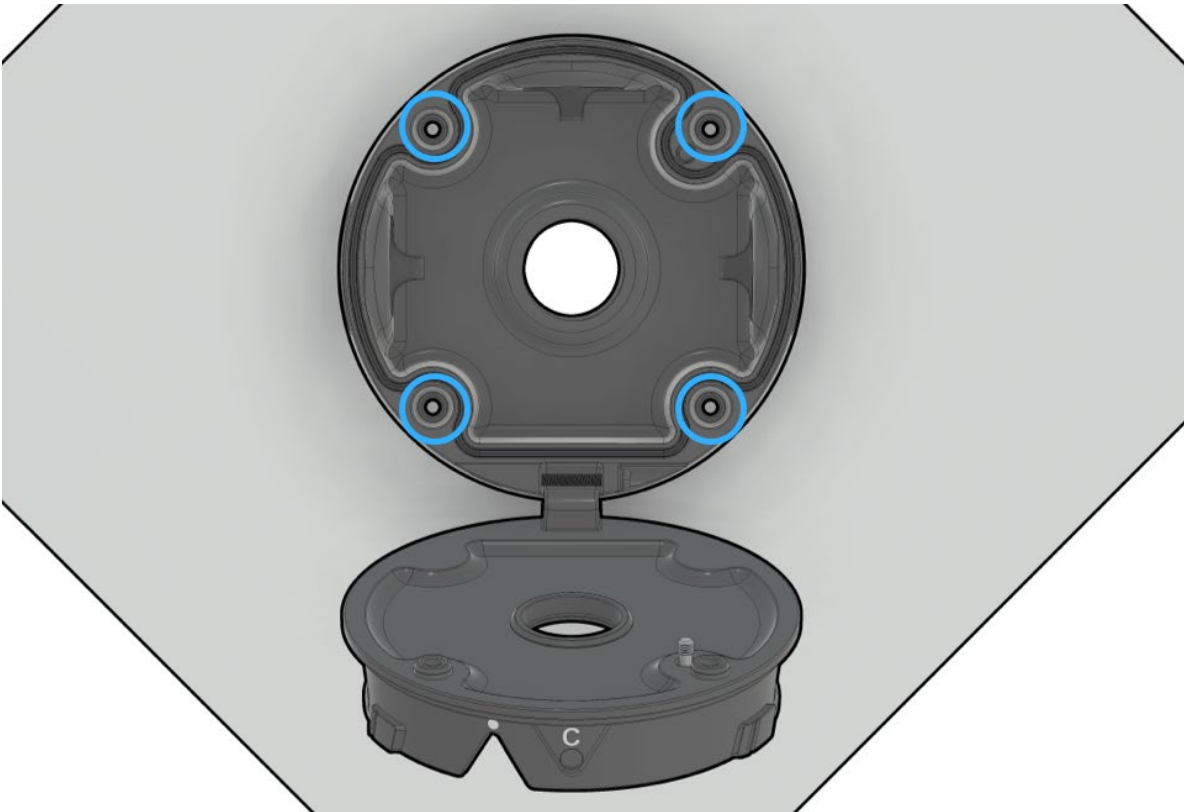
1. Select a mounting location that is clear from any obstacles, such as steel beams, pipes, etc., that would interfere with mounting. Route any necessary cabling to the installation site.
2. Identify the Centerline and Security Lock Screw on the Conduit Box cover.
3. Open the hinged cover of the Conduit Box.



4. Remove the conduit plug from the cable access hole that will be used for conduit entry for this installation (there are 4x conduit plugs).



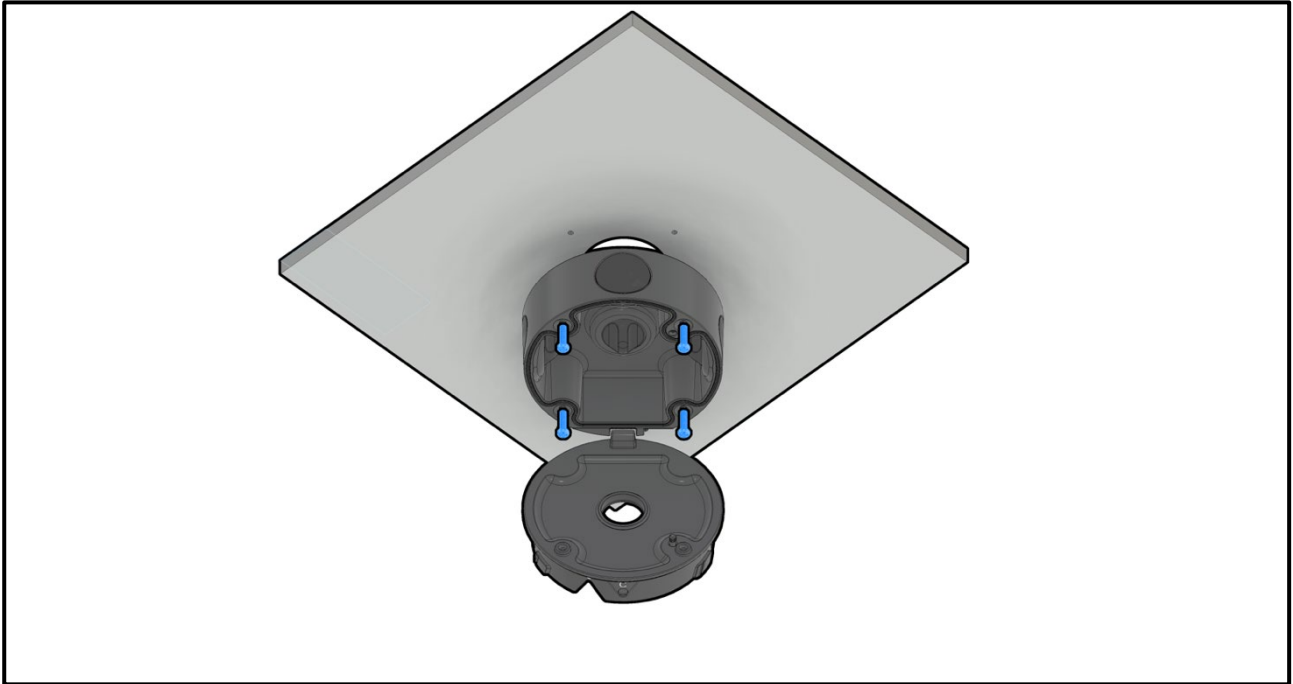
5. Using the Conduit Box as a template, mark the mounting holes.



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

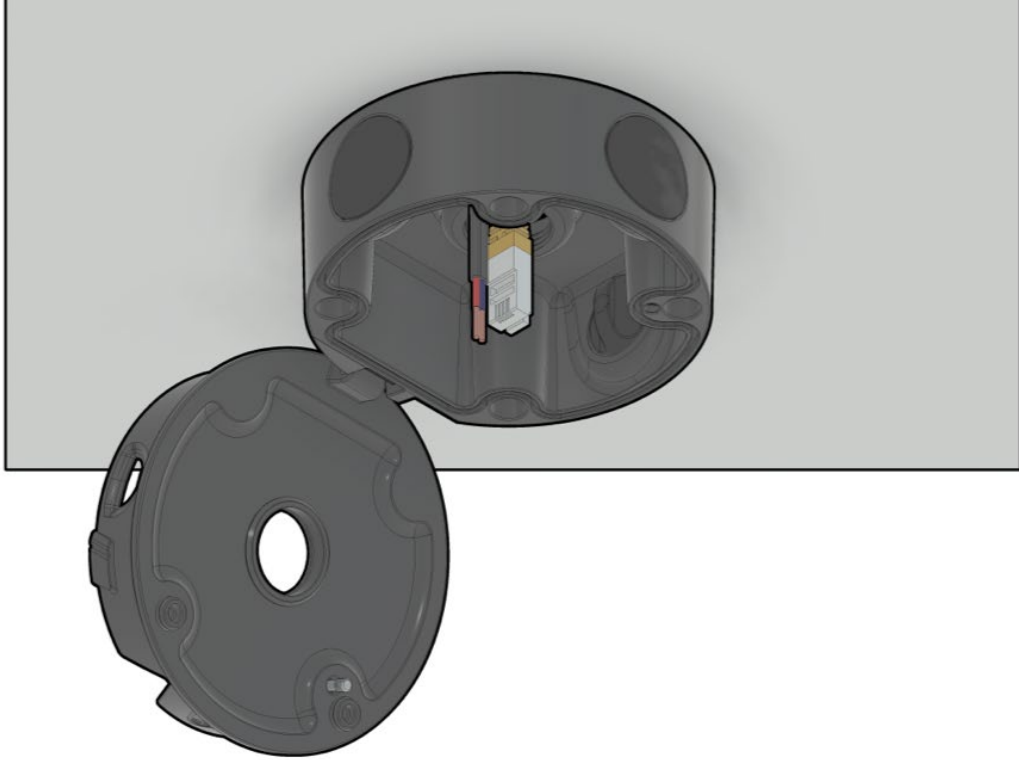
6. Drill the mounting holes.

8. Mount the Conduit Box using the TP4 screws with inserts provided or other customer-supplied hardware appropriate for the mounting surface.

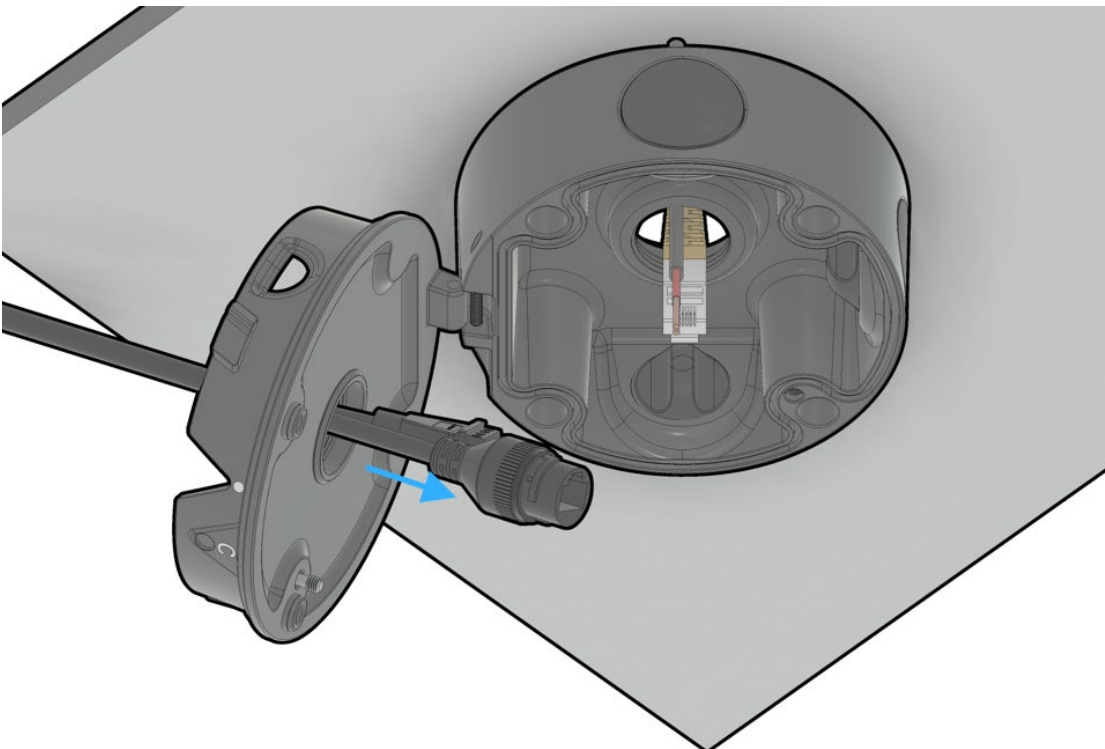


Connect the Cables

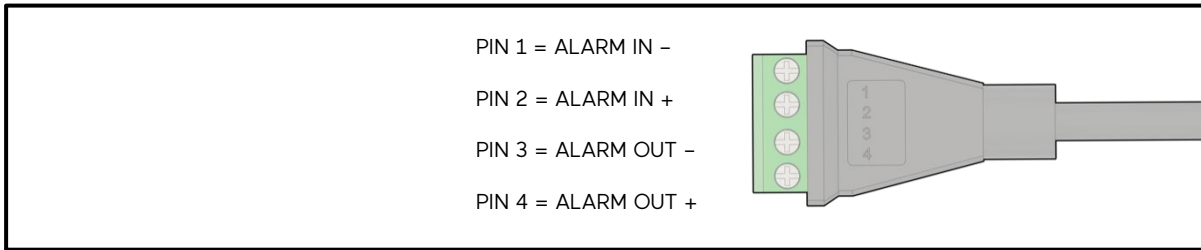
1. Connect conduit and run Ethernet and Alarm I/O cables as required into the Conduit Box.



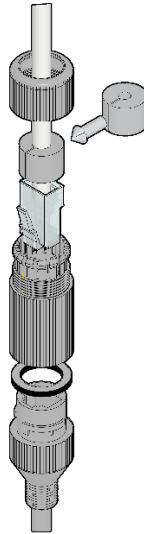
2. Run the pigtail from the Network Hub through the hole in the cover of the Conduit Box.



3. Connect Ethernet and I/O cables (use RJ-45 connector kit as required for outdoor installations).



For Outdoor Installations

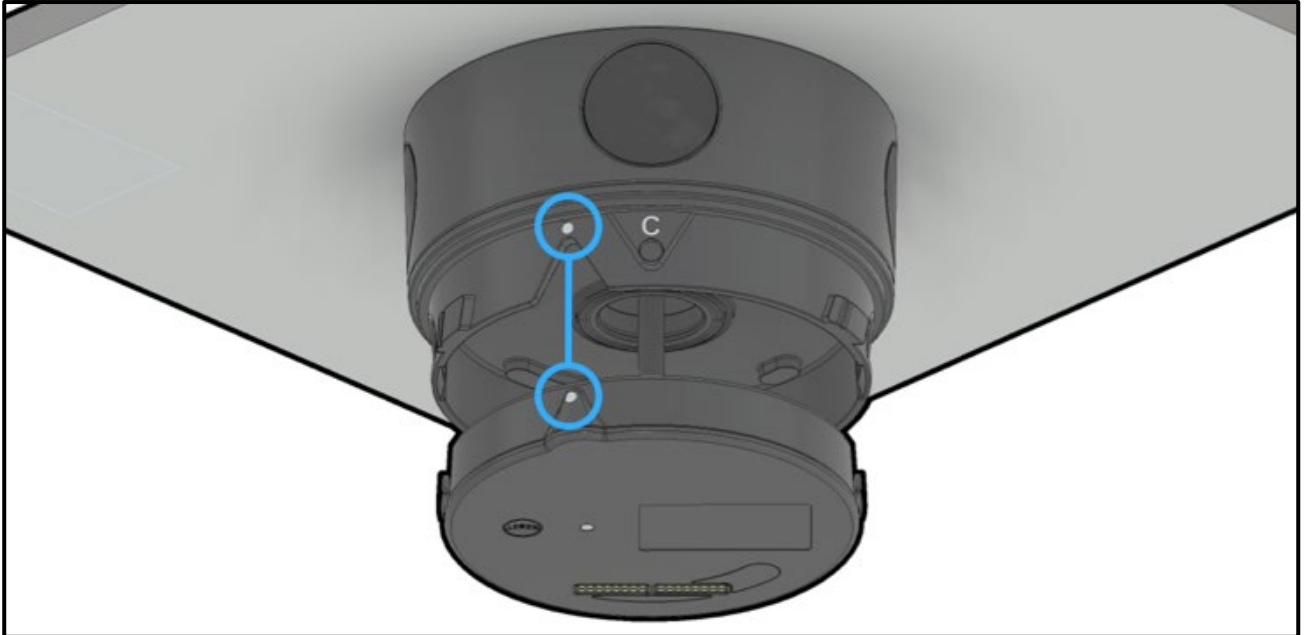


4. Close the cover and lock the security screw with the T20 Torx Wrench.

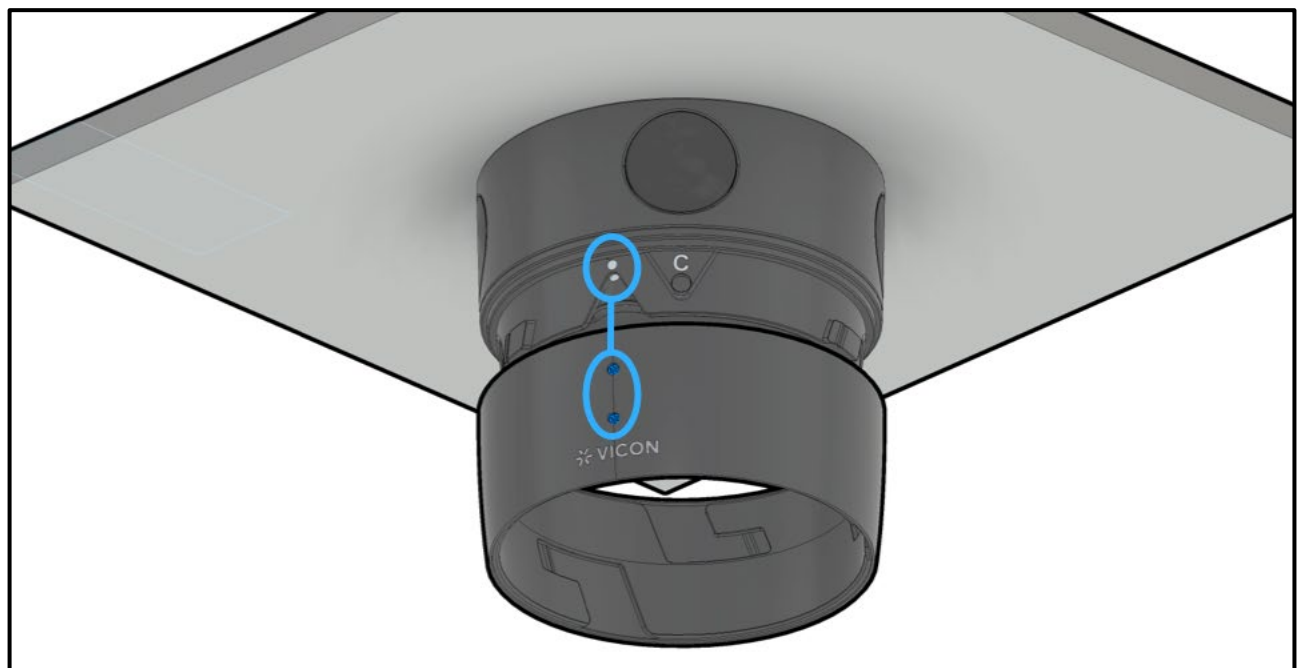


Assemble the Components

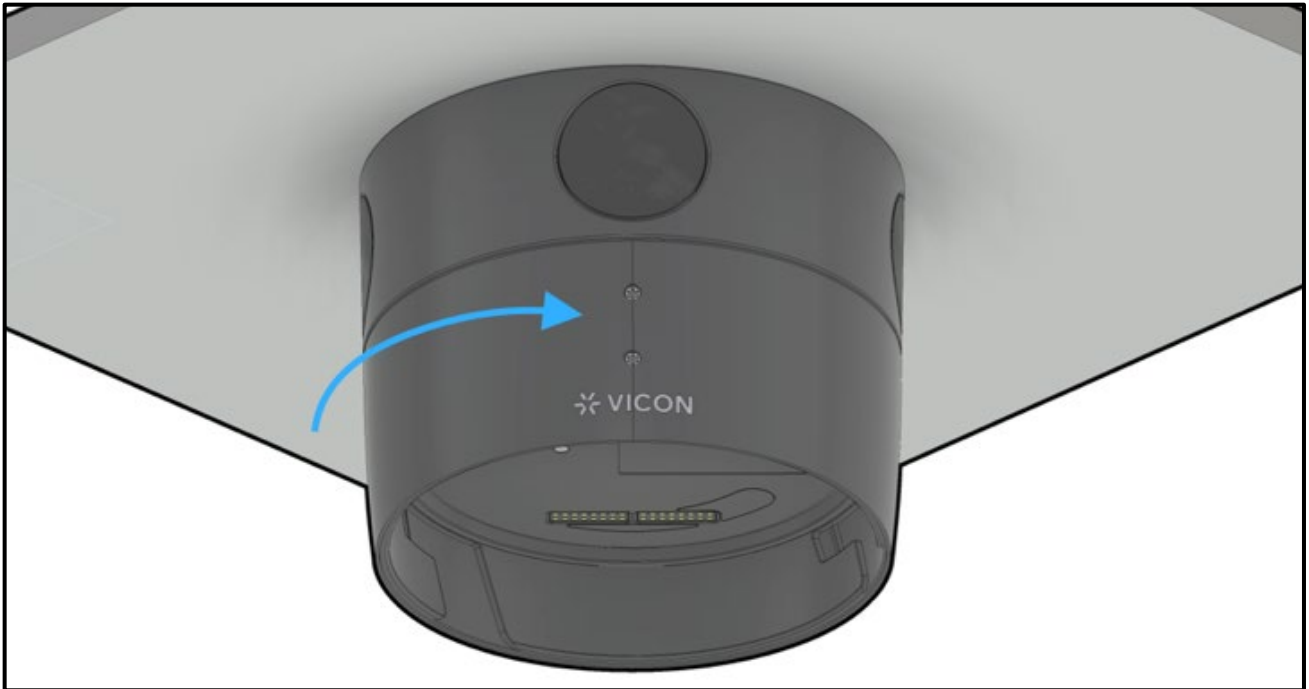
1. Align the single dot indicator on the Network Hub with the dot on the Conduit Box cover and firmly snap the Network Hub into place.



2. Align the two lock screws on the Solo Fixture with the double dot indicators on the installed Network Hub.

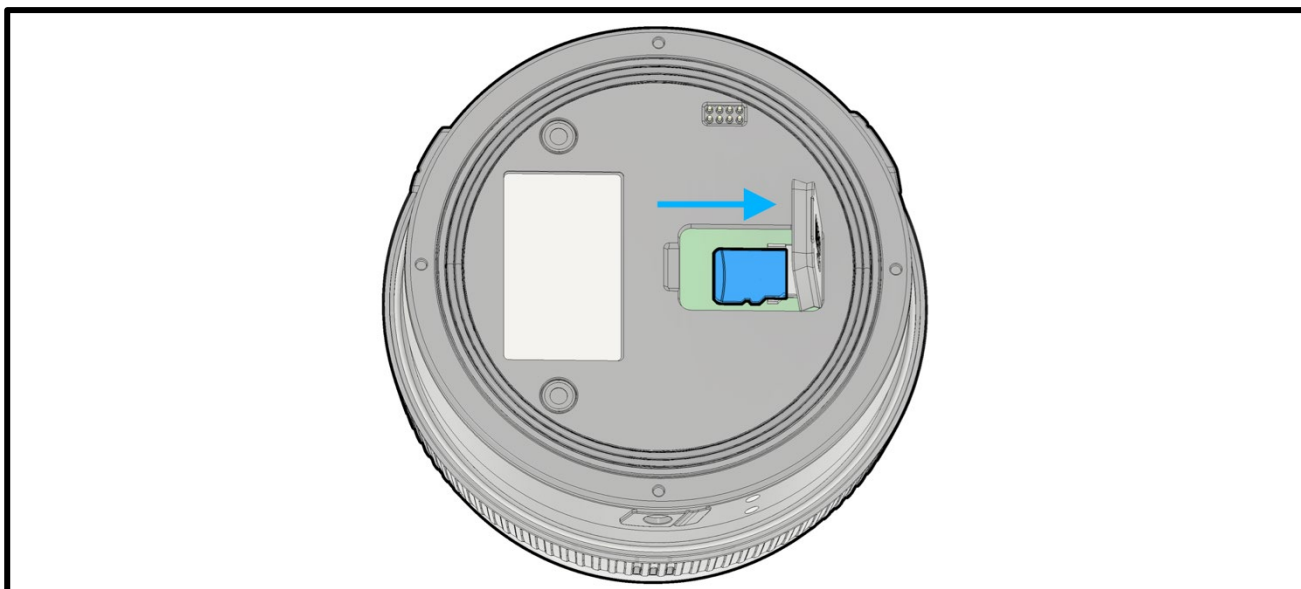


3. Twist the Solo Fixture to the right to lock it into place. The Vicon logo on the Solo Fixture is now aligned with the Base's centerline ("C").



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 or VNX-EL-SD1T-0).



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

3. Align the double dot indicators on the Camera Sensor with the two lock screws on the Solo Fixture, 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.



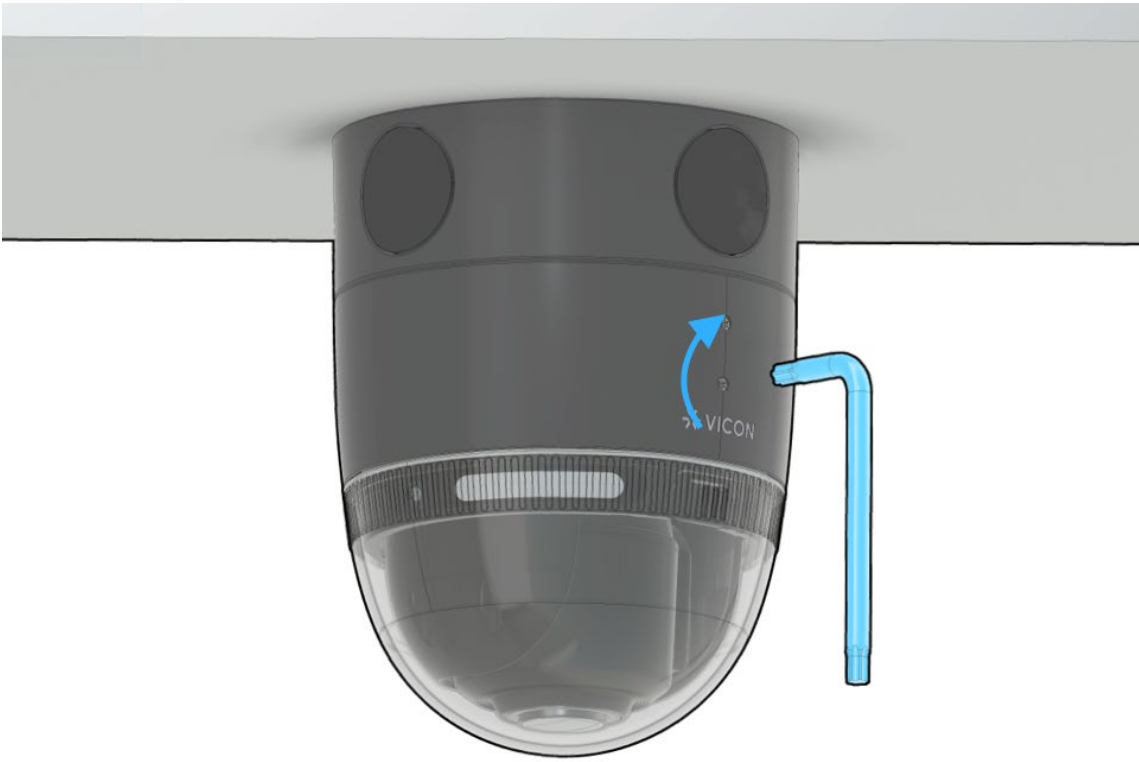
4. Upon successful power-up, the LED lightbars on the Camera Sensor will sequence and then flash green for 15 seconds upon successful installation.
5. Turn the security screw approximately 2 turns maximum until it contacts the Base and Camera Sensor. This prevents the camera from being removed. No torque is required. For added security, use the T8 Security Torx wrench to tighten the two lock screws.

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



6. Remove the WARNING label from the Fixture.







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.

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