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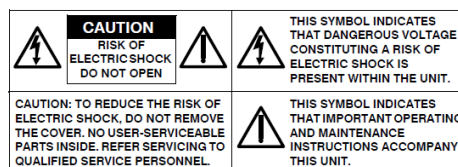
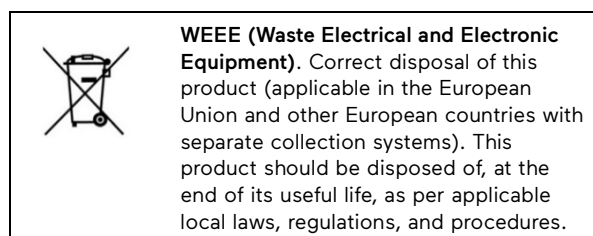
Solo Camera System

Quick Install Guide



WARNING

- 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



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.

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 also product meets regulations required to be NDAA, GSA schedule and TAA approved.

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SURFACE MOUNT INSTALLATION

PACKAGE(S) CONTENTS

Solo Fixture Kit VNX-FX-SOBK-0

- Base
- Network Hub
- Solo Fixture
- Mounting Screw Kit
- IP67 RJ-45 Connector Shell
- T8 Security Torx Wrench

Sensor Module VNX-SN-VRS1-0

- NEXT Camera Sensor

Optional/Vicon Edge Recording Card

VNX-EL-SD1T-0

- 1TB card

Required for onboard recording for both On-Prem and Anavio cloud-based VMS platforms; only Vicon Edge Recording cards are accepted

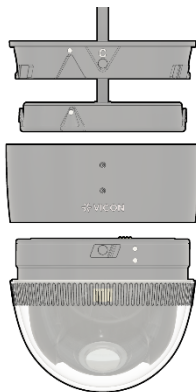
When unpacking, check to see if there is any visible damage to the appearance of the camera and its accessories. Remove the protective materials from the camera after every item is properly checked.

INSTALLATION

Determine the 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 Solo 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.

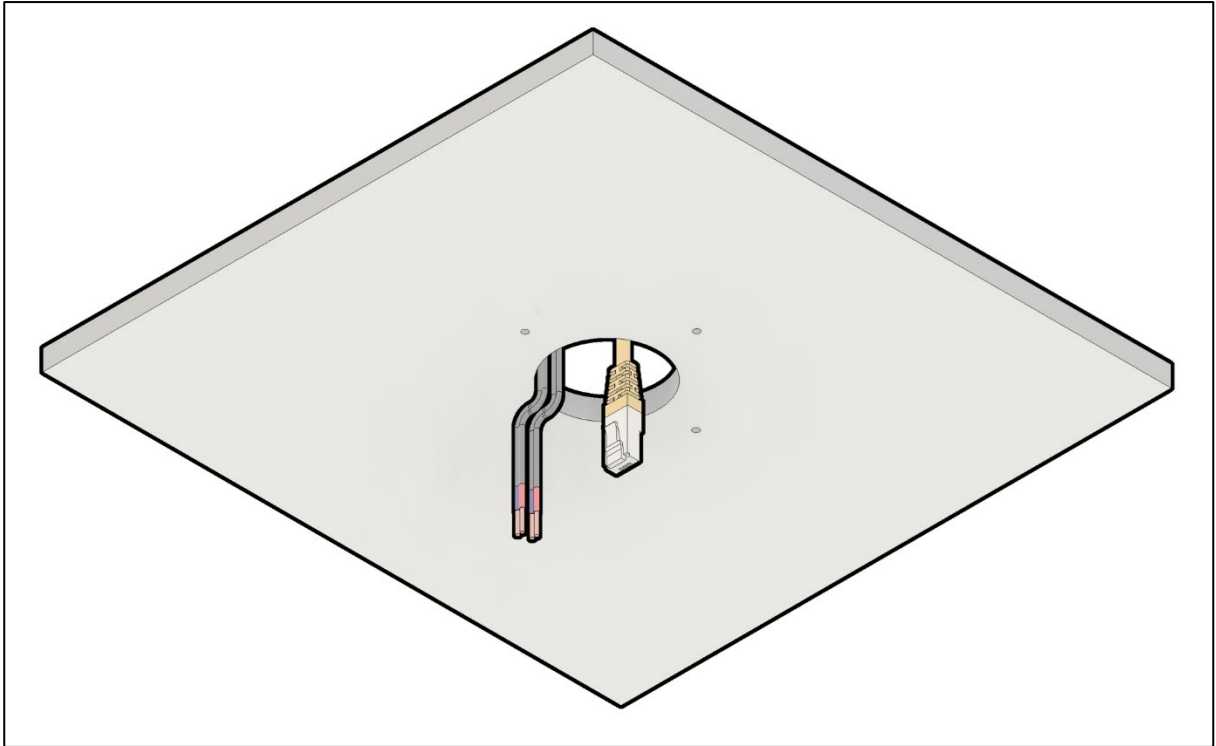
- For ceiling surface mount applications, the centerline is synonymous with the front of the camera.



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

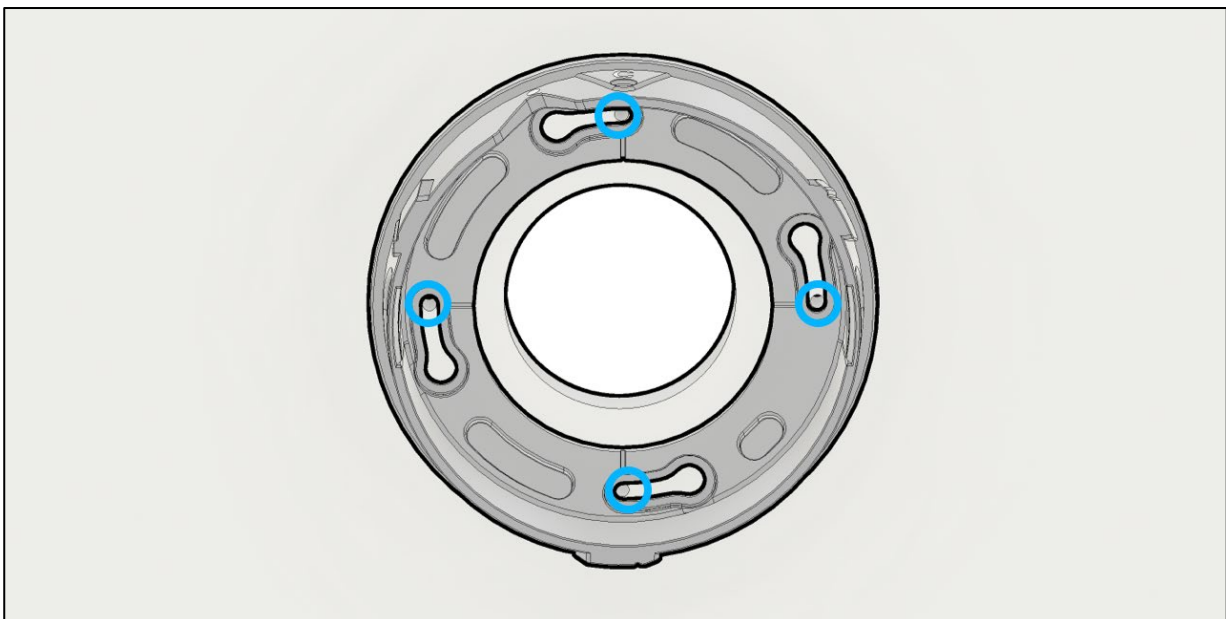
Mount the Base to the Surface

1. Drill a cable access hole in the surface where the camera will be mounted and expose the ethernet cable and alarm wiring.

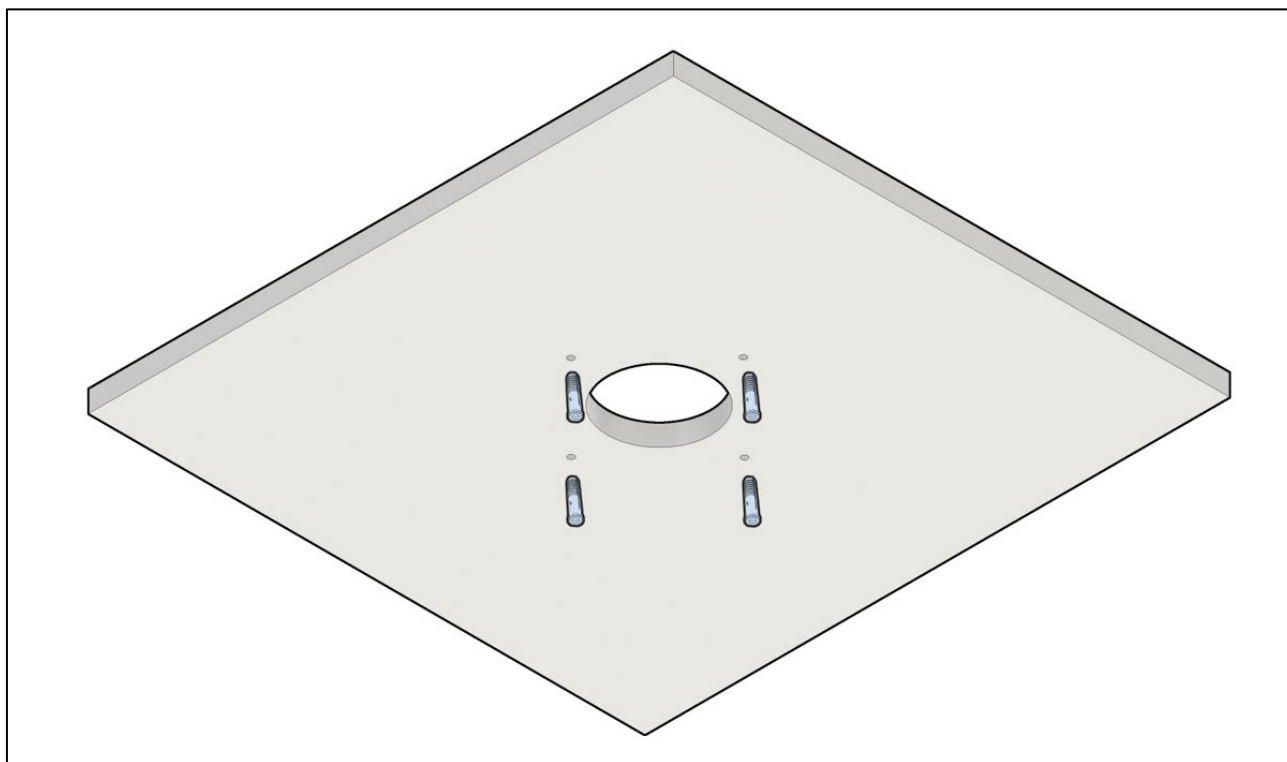


2. Once you've determined your centerline, use the Base to mark holes for the four mounting screws.

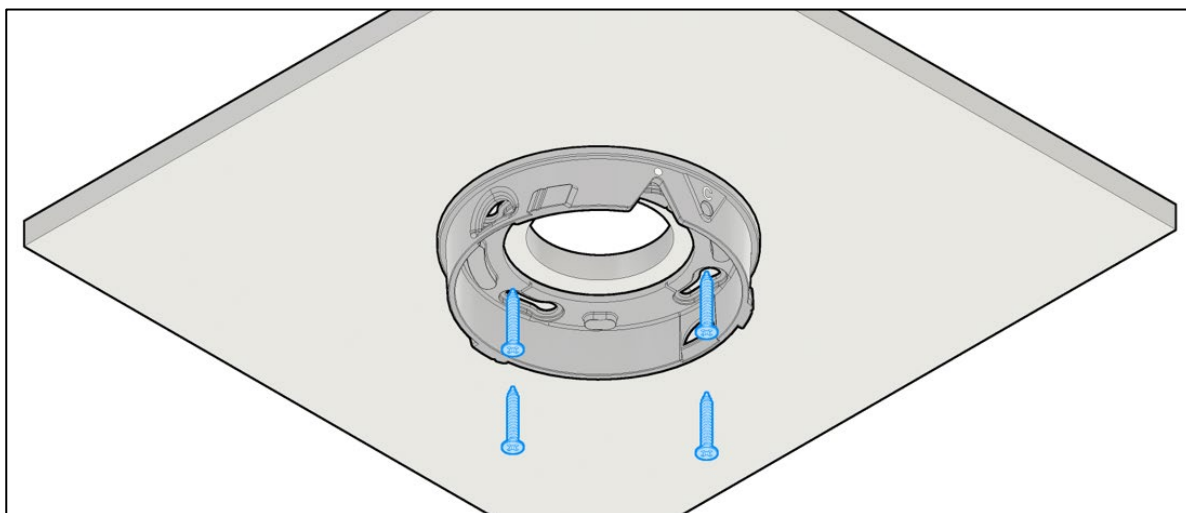
Reminder: The "C" on the Base indicates the centerline, which is the lens home position. For ceiling mount applications, C = front of the camera; for wall mount applications, the C should be facing the floor.



3. Set the Base aside; drill holes and install plastic anchors in those holes (Ø6.35 mm).

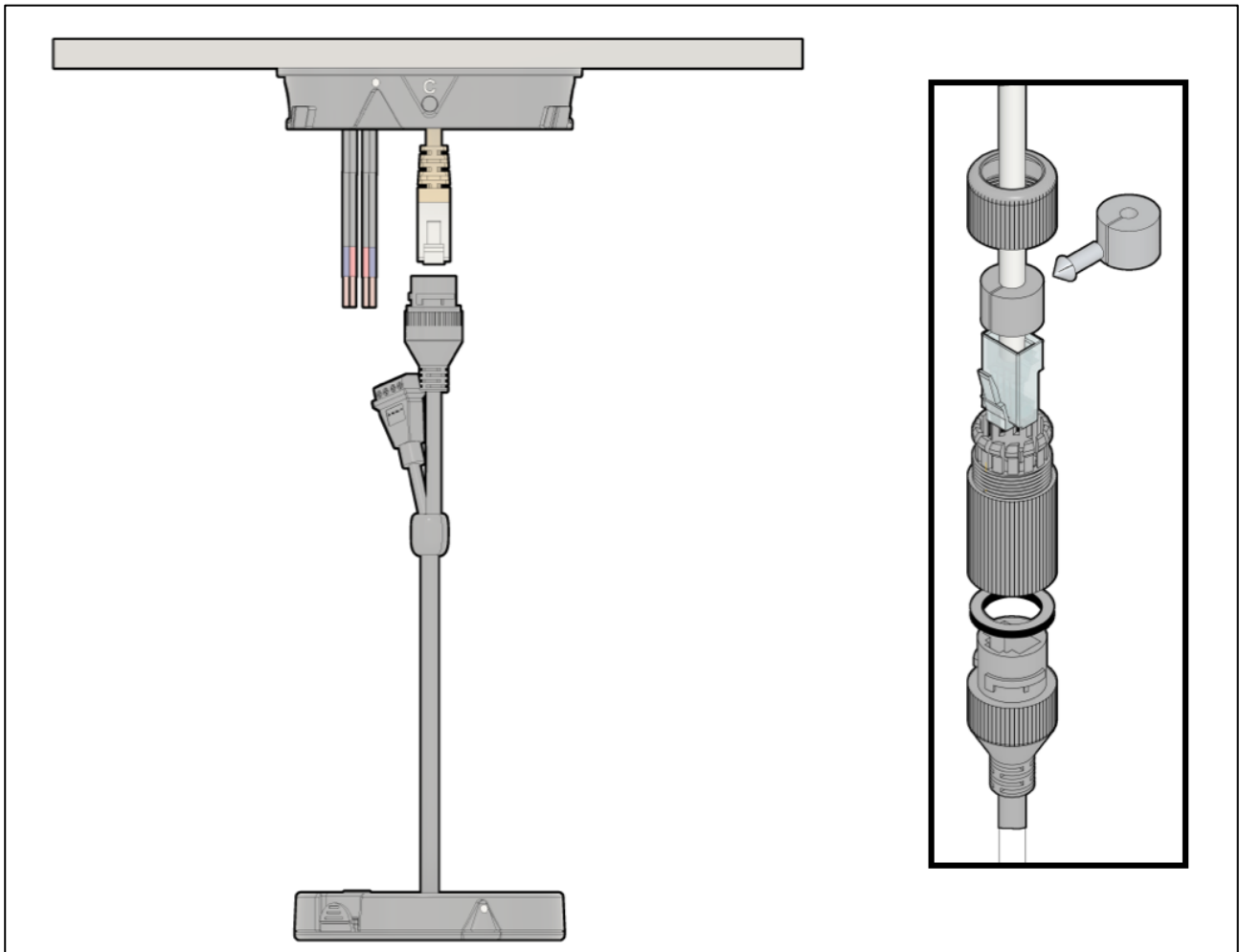


4. Reposition the Base and attach it to the surface using supplied screws.



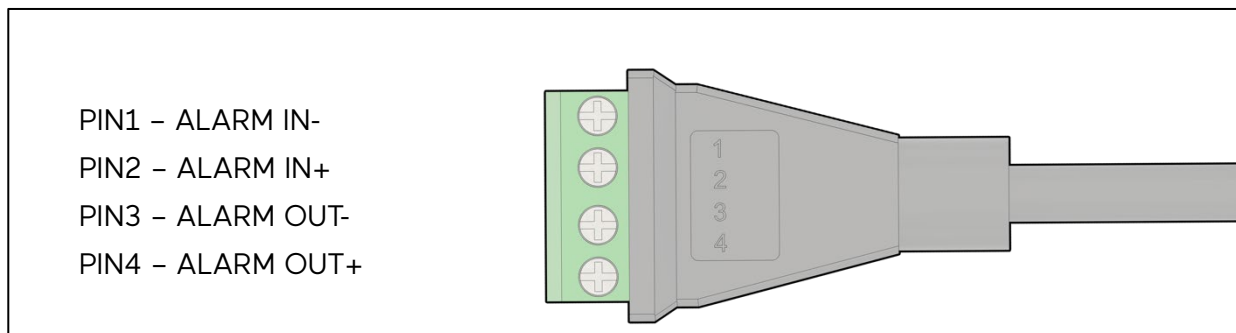
Connect the Cables

1. Connect the ethernet cable to the RJ-45 on the Network Hub.



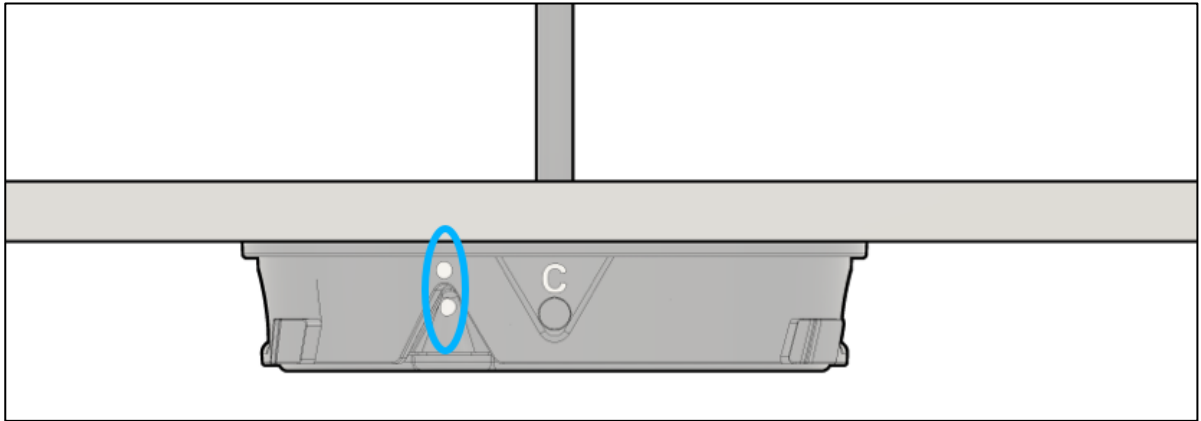
Note: For outdoor installations, assemble the IP67 Connector Shell over the network cable, then connect and seal.

2. Connect the Alarm I/O as required.



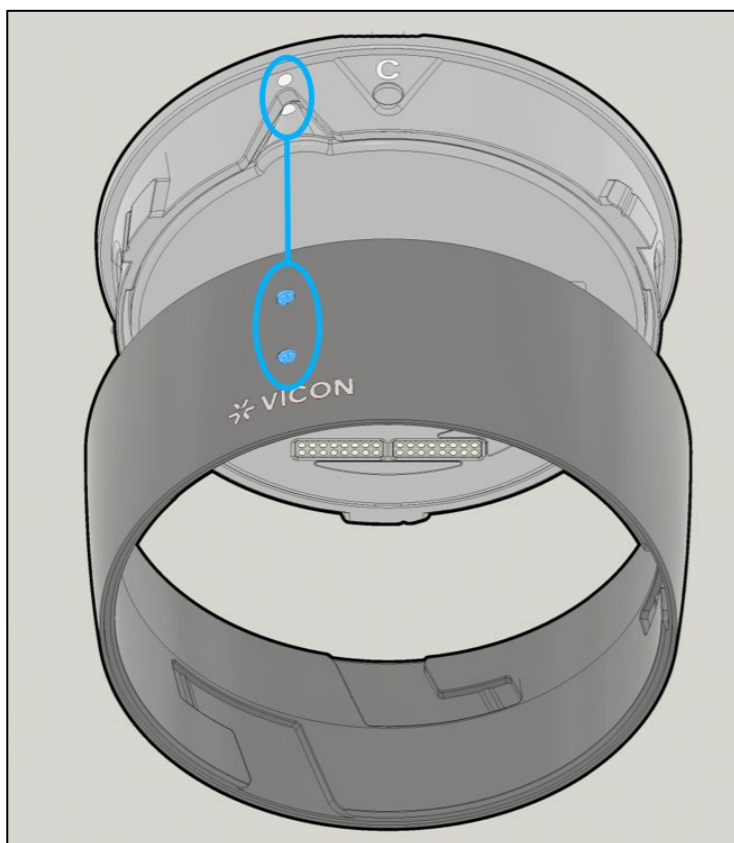
Assemble the Components

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

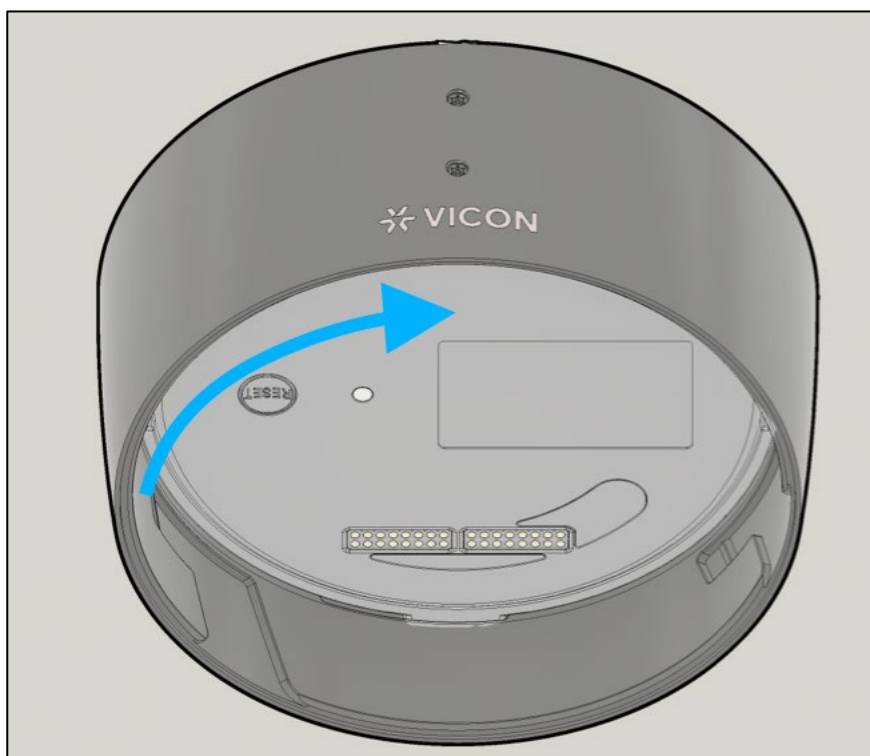


Minimum 802.3at PoE is required to power the camera. The LED on the Network Hub will indicate what power level is detected (as long as the hub is connected to a network switch with LLDP). This allows you to self-diagnose potential power issues before you install the Camera Sensor.

2. Observe the LED on the Network Hub to determine if there might be a potential power issue.
 - LED will flash green if 802.3at PoE is detected. You have sufficient power for a solo and duo.
 - LED will flash amber/green if 802.3bt PoE is detected. You have sufficient power for a solo, duo, trio or quad.
 - LED will flash red if 802.3af is detected. You have insufficient power; check and replace your power source to 802.3at (for a solo or duo) or 802.3bt (for a solo, duo, trio or quad).
 - LED will flash amber if LLDP is not supported. Continue the installation, and when you install your Camera Sensor, additional power source info will be provided.
3. Align the two lock screws on the Solo Fixture with the double dot indicators on the installed Network Hub.

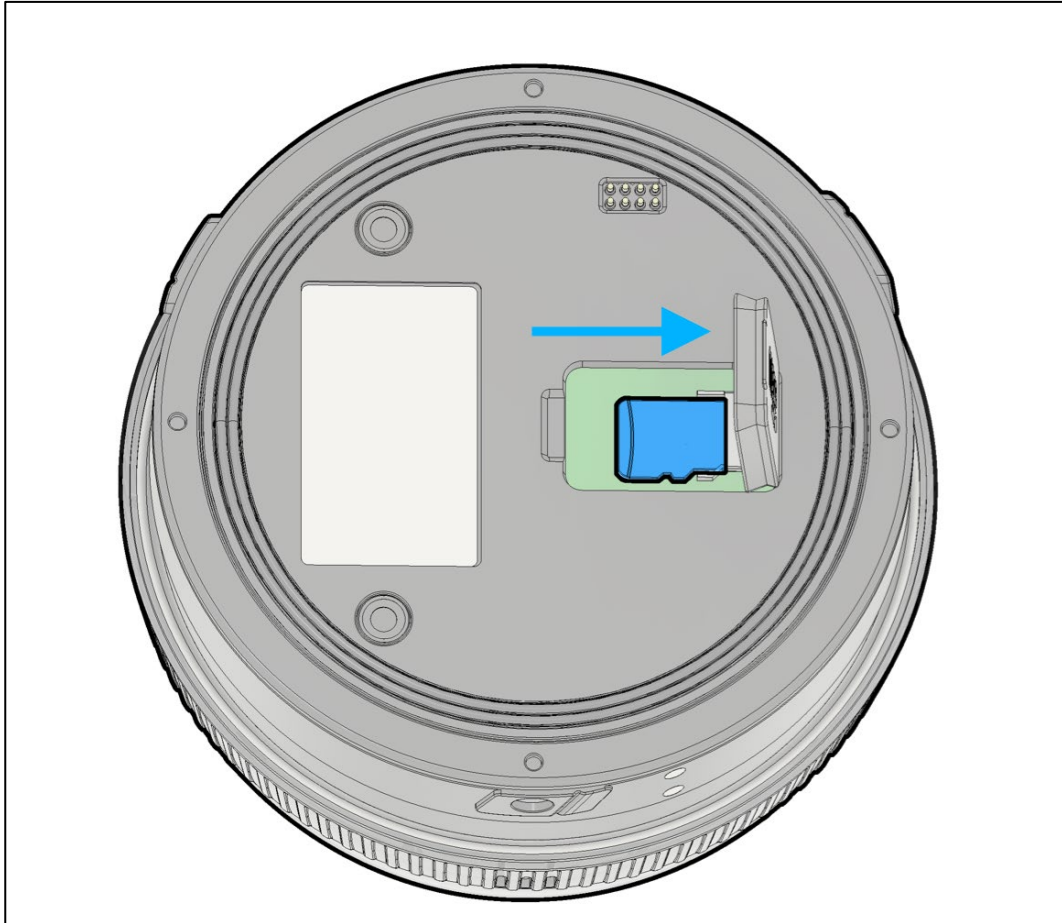


4. Twist the Solo Fixture to the right to lock it into place.
The Vicon logo on the Solo Fixture is now aligned with the Base's centerline ("C").



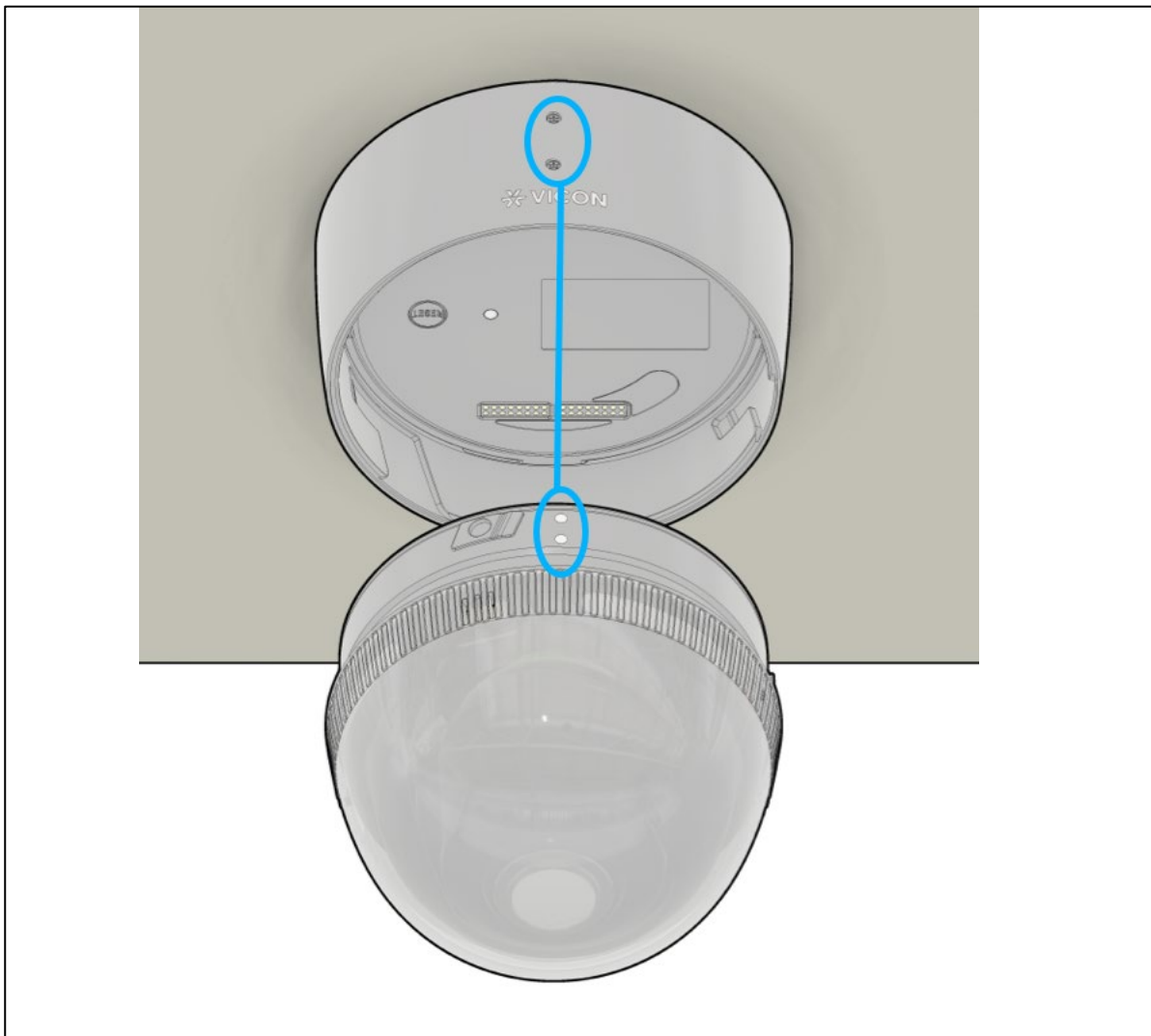
Install the Camera Sensor

1. If using edge recording for On-Prem or Anavio solutions, install the Vicon Edge Recording Card (VNX-EL-SD1T-0).



NOTE: Only the Vicon Edge Recording Card VNX-EL-SD1T-0 is accepted.

2. 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.

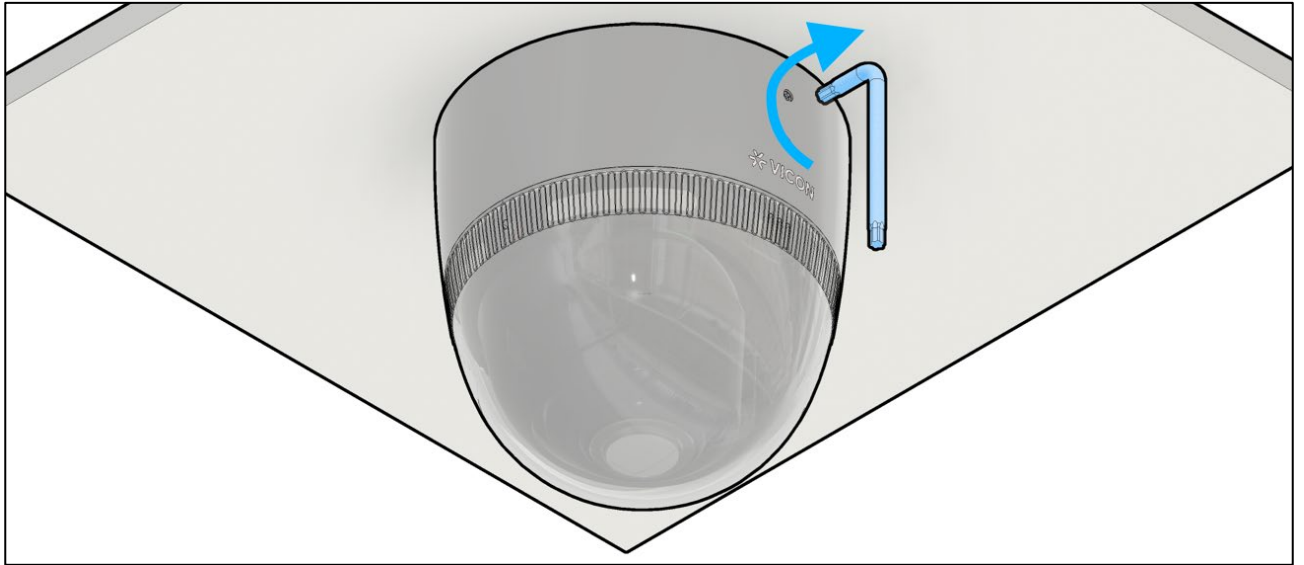


Upon successful power-up, the LED light bars on the Camera Sensor will flash green for 5 seconds.

NOTE: If insufficient power is detected, the system will reboot, and the LED light bars will flash red. You will need to check and replace your power source to 802.3at (for a solo or duo) or 802.3bt (for a solo, duo, trio or quad).

NOTE: If the Edge Recording Card is not a Vicon card, the Camera Sensor LEDs will flash purple. You will need to order and install a Vicon Edge Recording Card.

3. For added security, use the T8 Security Torx wrench to tighten the two lock screws. Do not overtighten.



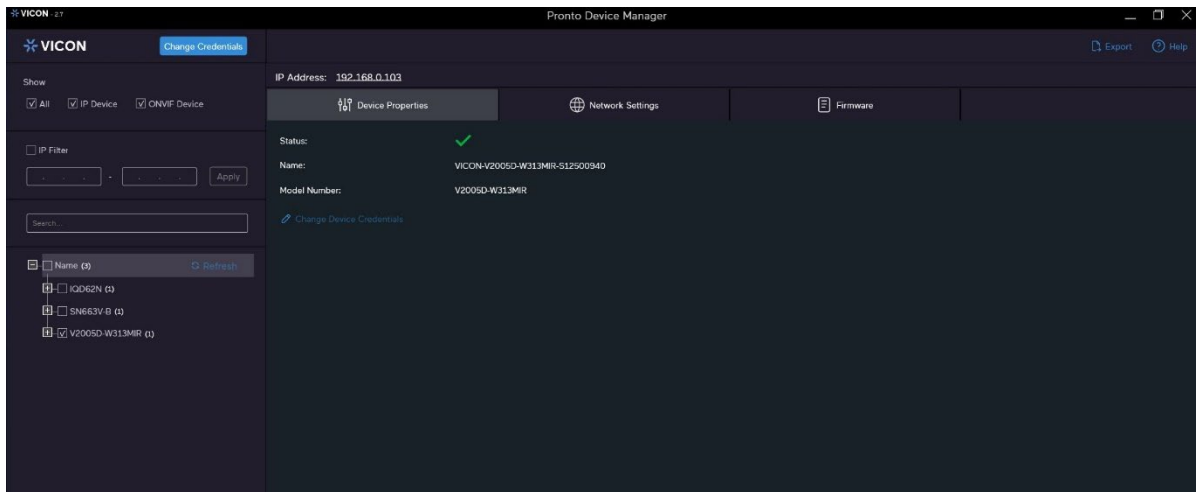
CONGRATULATIONS on a successful installation!



CAMERA CONFIGURATION

ON-PREM SYSTEMS

For On-Prem installations (Valerus and 3rd party VMS platforms), the camera can be accessed using Vicon's PRONTO Device Manager and Discovery Tool, which can be found on Vicon's website.



PRONTO Interface

- When you start up the PRONTO Device Manager, the tool's auto-discovery function generates a list of the discovered cameras on the network in a resource list.
- There are a variety of filtering options, including filter by All Devices/IP Device/ONVIF Device, IP range or text.
- There are tabs for Device Properties, Network Settings and Firmware.

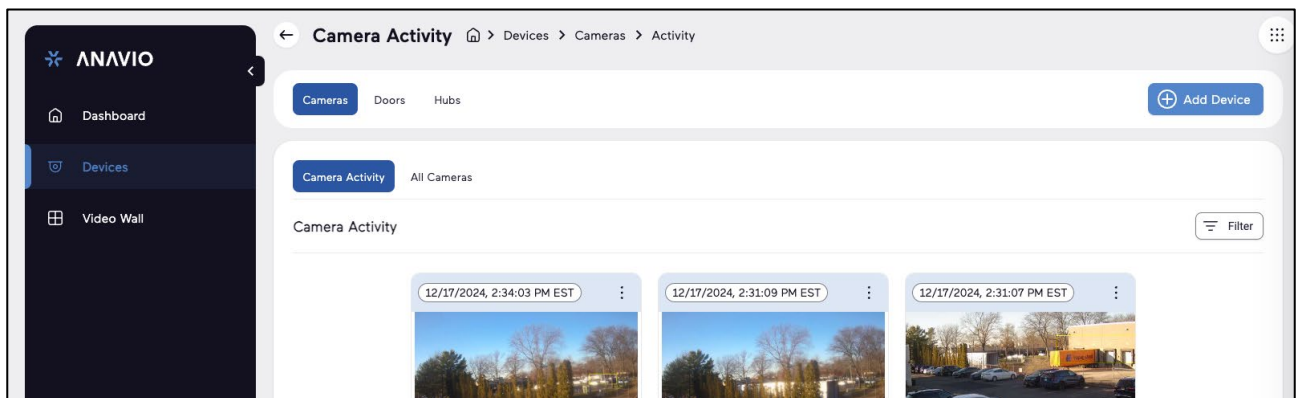
The complete [User Manual](#) can be found on Vicon's website.

ANAVIO CLOUD-BASED SYSTEM

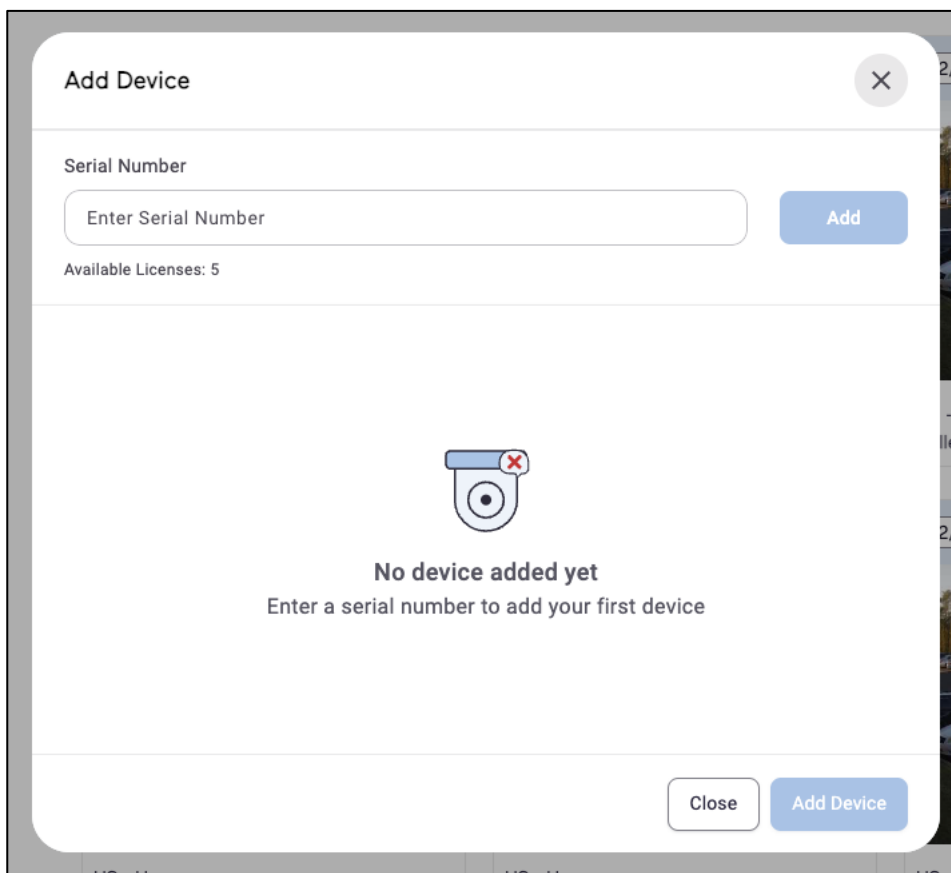
You must have an Anavio account to use the cloud-based VMS system.

NOTE: Vicon Edge Recording Card required. The NEXT camera must be set at Default prior to connecting to Anavio.

1. Once your Anavio account is setup, log in and go to the Cameras section to add the new camera. Click Add Device.



2. Enter the serial number of the device and click Add.



3. Click Add Device.



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: 8009-8344-10-00 Rev: 1/25
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