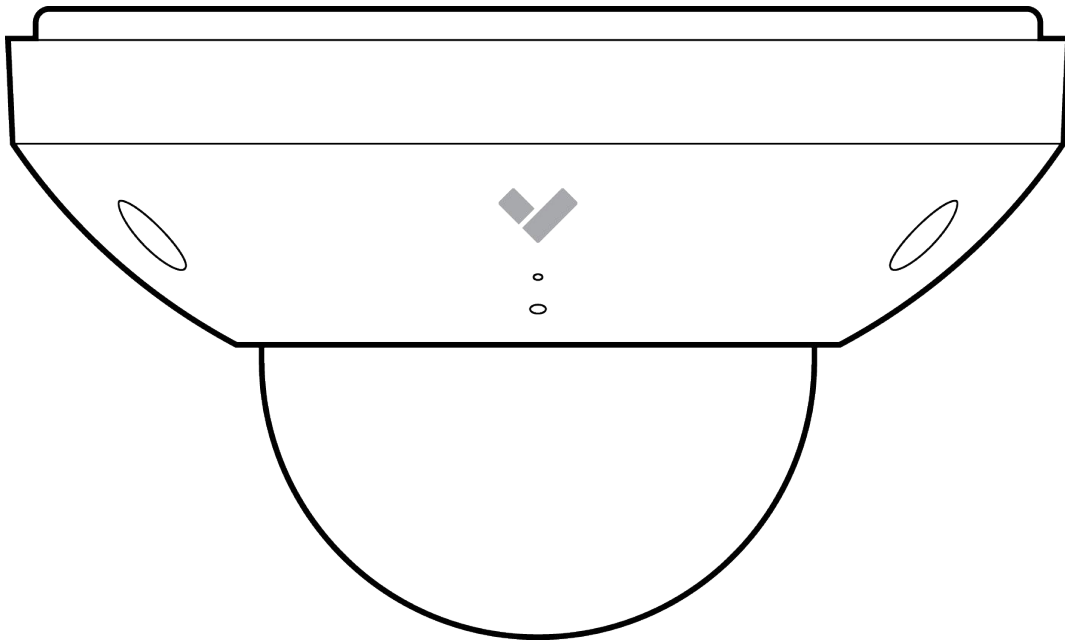


CM41-E Outdoor Mini Dome Camera



Document

Document Details

V1.2 (20230711)

(V1.0 first published 2020206)

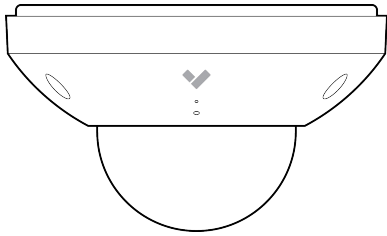
Firmware

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

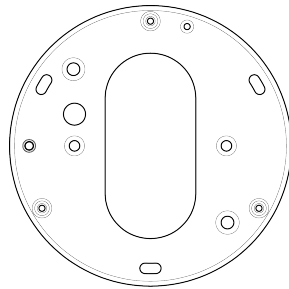


Introduction

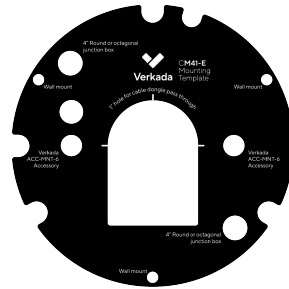
What's in the box



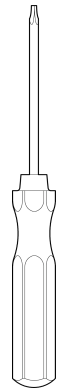
CM41-E Outdoor Mini
Dome Camera



Mount plate
(Attached to camera)



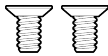
Mount template
(Attached to camera)



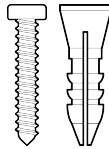
T10 Security Torx
Screwdriver



2x M4 Phillips Flat
Head Screws for
ACC-MNT-6



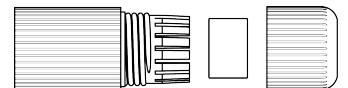
2x 10-24 Phillips
Flat Head Screws
for Junction Box



3 Wall Anchors & M4
Phillips Pan Head Screws
for Wall Mounting



1 Pack of 2
Desiccants



3 Cable-Sealing
Assembly Components

What you'll need

- A working internet connection
- 802.3af Power over Ethernet (PoE) switch, or a PoE injector. For operation below -20° C, use 802.3at PoE.
- A smartphone or laptop
- A #2 Phillips screwdriver or power drill with a #2 Phillips driver bit
- 1/4 inch (6.5mm) drill bit for wall anchors
- 1/8 inch (3mm) drill bit for pilot holes
- A Cat5 or Cat6 Ethernet cable with a 5.5-6.4mm outside diameter, no boot or jacket on the RJ45 jack
- 1" hole saw for Cable Sealing Assembly pass through

Connect

For easy registration and setup, scan the QR code on the product.

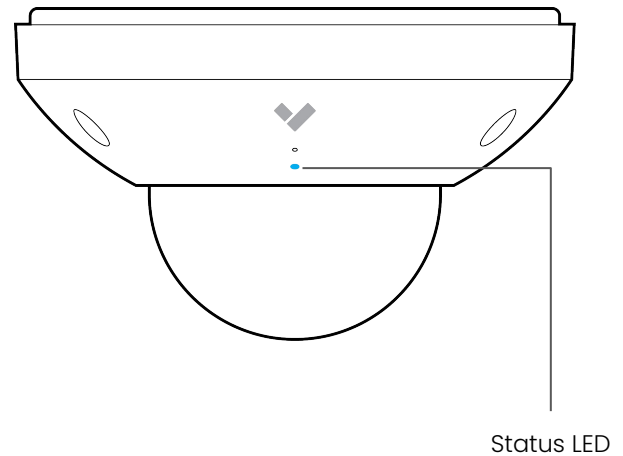
If you prefer to manually register your product, please proceed to: verkada.com/start



LED Behaviors

Regular operation

- **Solid Orange**
Camera is on and booting up.
- ☀️ **Flashing Orange**
Camera is updating firmware.
- **Solid Blue**
Camera is running, connected, and recording data.
- ☀️ **Flashing Blue**
Generic network error. Contact support.



Network errors

The LED will flash in a specific order, depending on the error state. You will see 1 blue flash, followed by a number of orange flashes.

1 Blue, 1 Orange

Camera is connected with PoE, but unable to connect to the Switch.

1 Blue, 2 Orange

Camera has not received an IP address.

1 Blue, 3 Orange

Camera is not able reach the configured Gateway.

1 Blue, 4 Orange

Camera has detected duplicate IP addresses on the LAN.



Example of **1 Blue, 5 Orange** flash sequence

1 Blue, 5 Orange

Camera is not able to resolve Verkada hostnames.

1 Blue, 6 Orange

Camera is not able to receive a response from the NTP Server.

1 Blue, 7 Orange

Camera is not able to certify the SSL connection, likely due to SSL inspection.

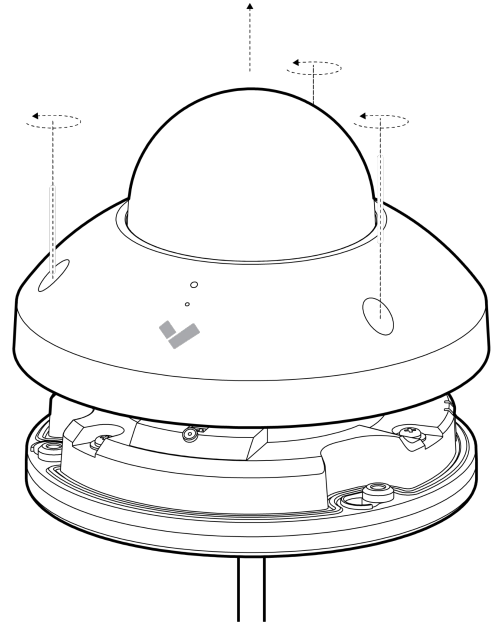
1 Blue, 8 Orange

Verkada endpoints are not reachable after boot up.

Installation

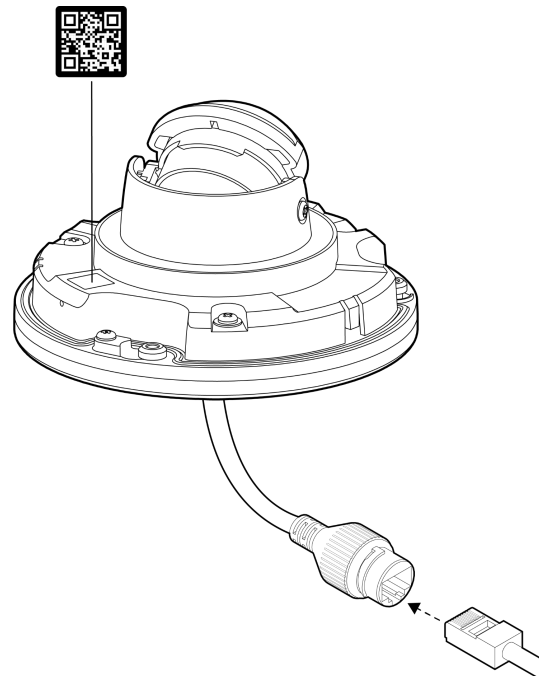
Connect

Remove top cover using
T10 Security Torx
Screwdriver



Insert the Ethernet cable
into Ethernet port. Scan the
QR code for easy camera
registration and setup, or
proceed to:

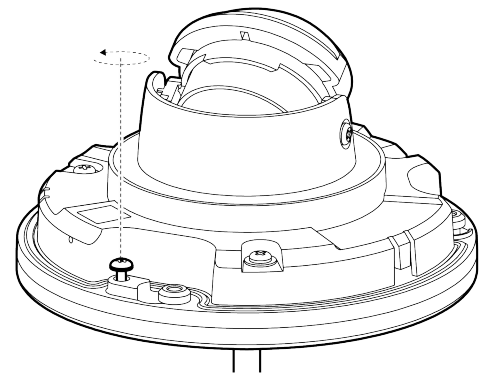
www.verkada.com/start



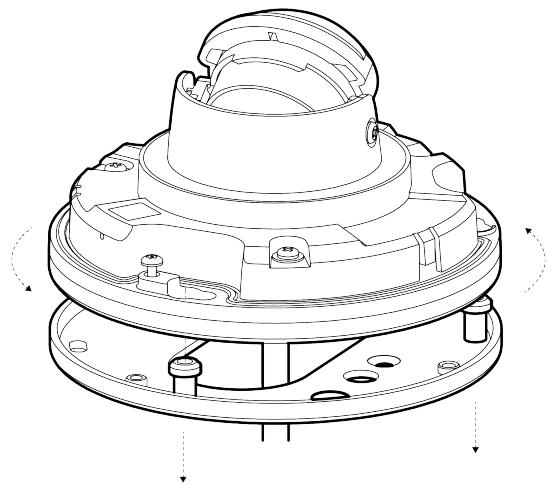
Installation

Mount 1/4

Loosen internal security screw with T10 Security Torx Screwdriver

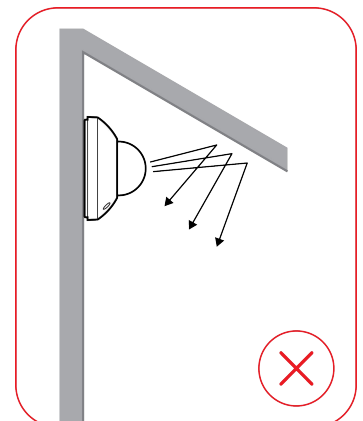
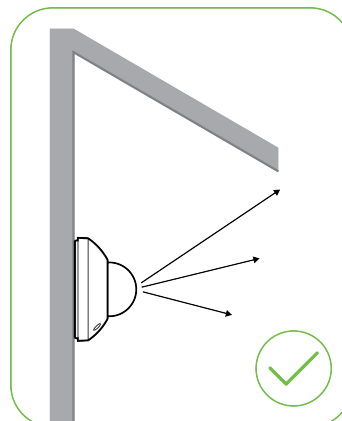
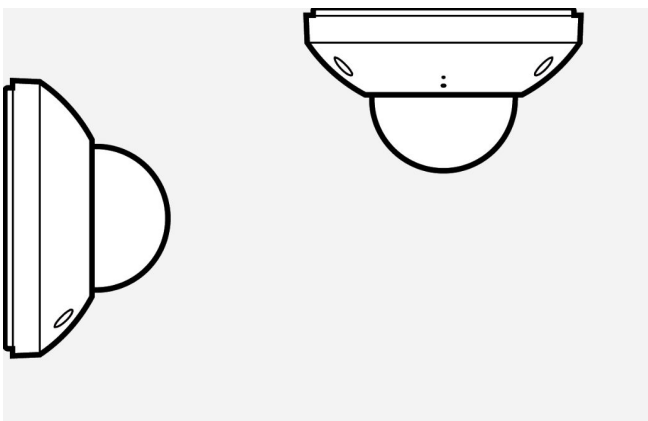


Rotate camera housing counter-clockwise and remove it from mount plate.



Mount the camera on a wall or ceiling.
Try to keep the camera 8 to 10 feet above the ground.

For best night vision, avoid overhangs or obstructions. These may reflect the camera's IR illumination and reduce the image clarity in night mode.



Installation

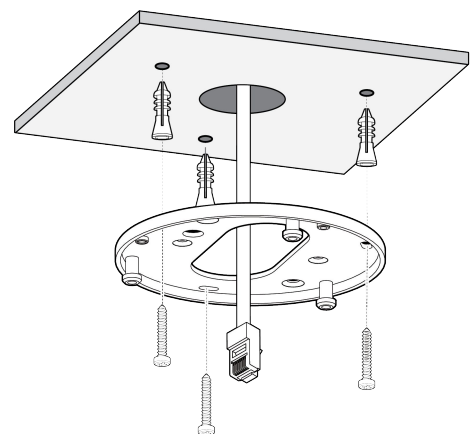
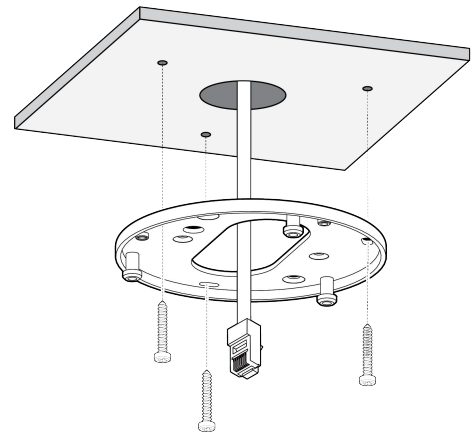
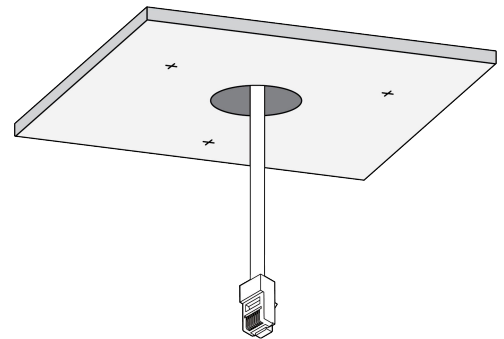
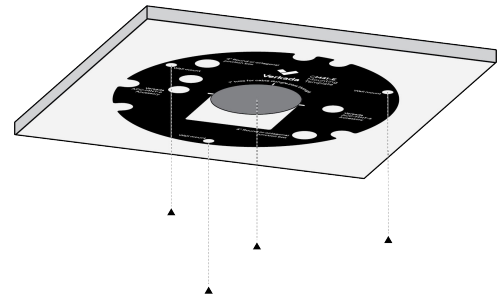
Mount 2/4

Use the provided mounting template to mark wall mount holes and to drill 1 inch center hole. For other mounting scenarios, use the mounting template to determine the correct hole pattern.

Feed Ethernet cable through the wall. Leave enough slack to make cable-sealing assembly install easier.

For a solid material like wood or metal, drill 1/8 inch pilot holes. Drive mounting screws directly into the pilot holes.

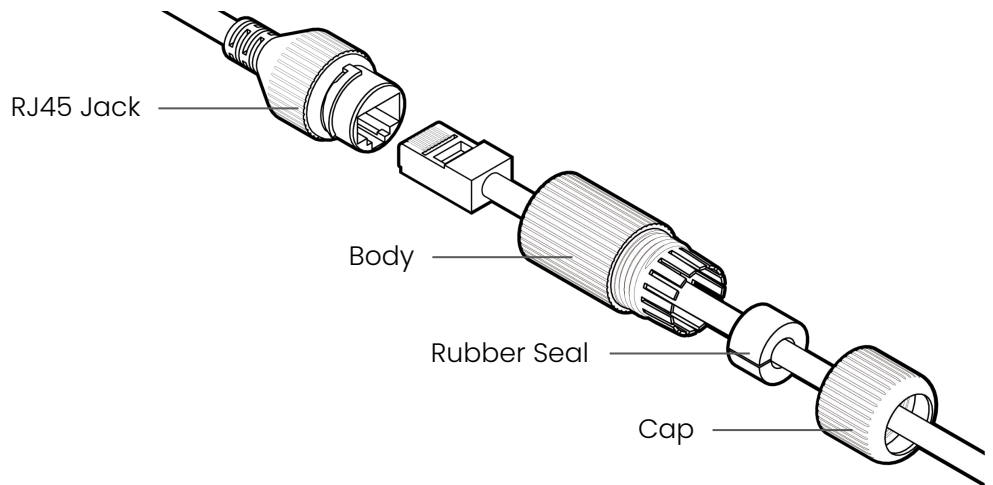
For drywall, drill 1/4 inch holes. Insert plastic anchors into holes and drive mounting screws into anchors.



Installation

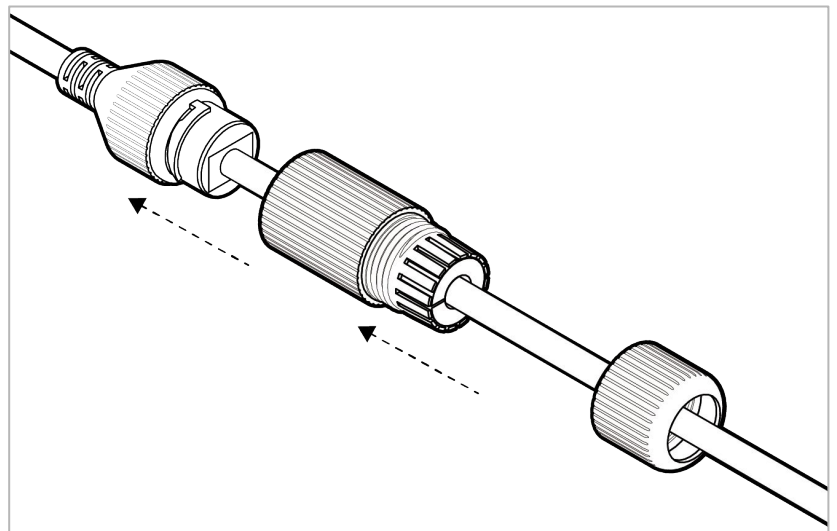
Mount 3/4

Assemble cable-sealing assembly components onto RJ45 cord.



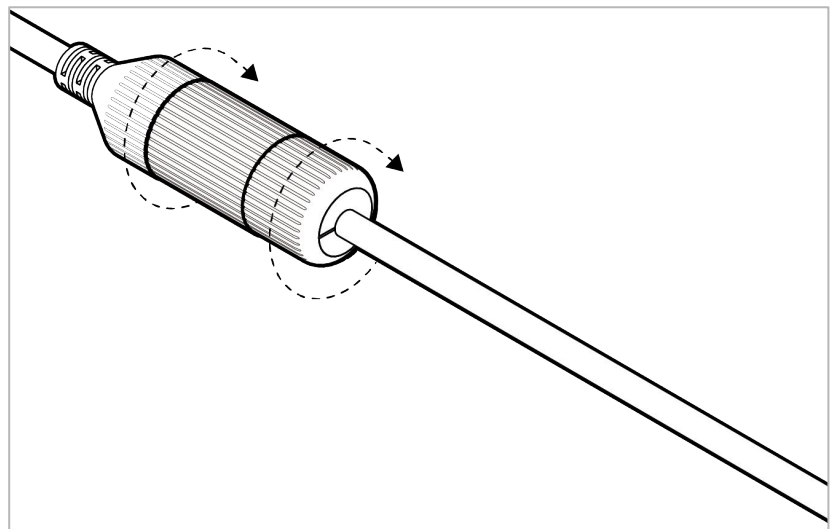
Insert RJ45 plug into the jack.

Insert rubber seal into the body.



Twist to lock body on to the jack.

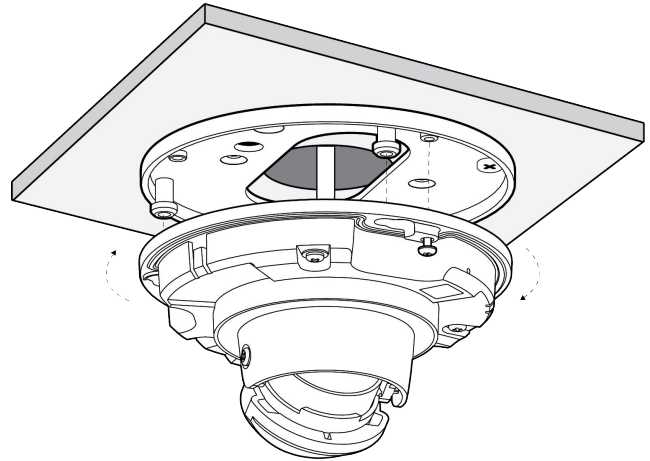
Screw the cap onto the body.



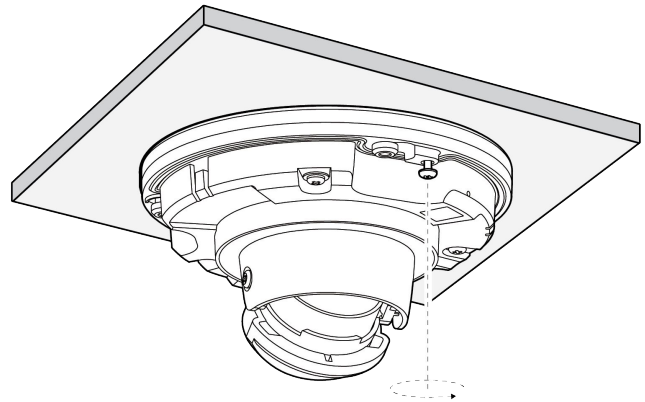
Installation

Mount 4/4

Feed cable assembly into wall.
Align Security Screw with Mount
Plate Standoff.

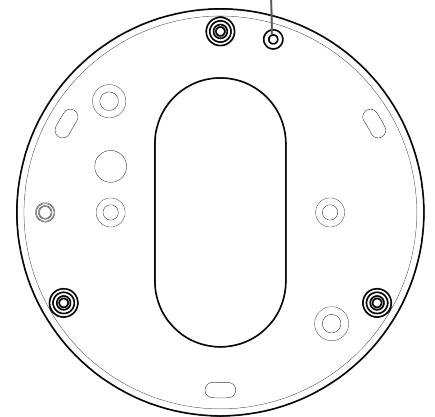
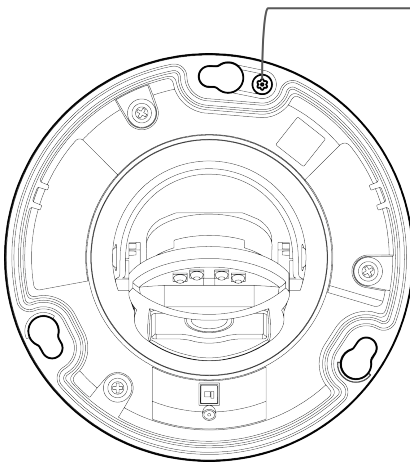


Rotate the camera clockwise and
tighten Security Screw.



Security Screw

Mount Plate Standoff



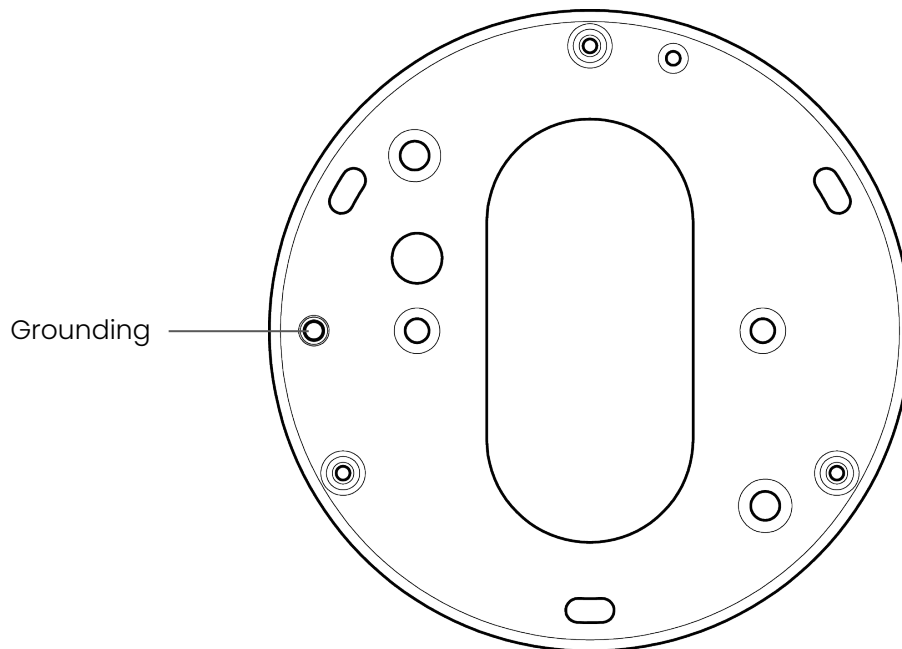
Grounding

In order to attach a ground cable to the camera, perform the following:

Align a 20AWG or larger grounding cable with a ring terminal and drive an M4-0.7 x 6mm screw (not included) through the terminal and into the threaded grounding point on the back of the device.

Attach the other terminal of a grounding cable directly to a circuit breaker, ground rod or earth ground.

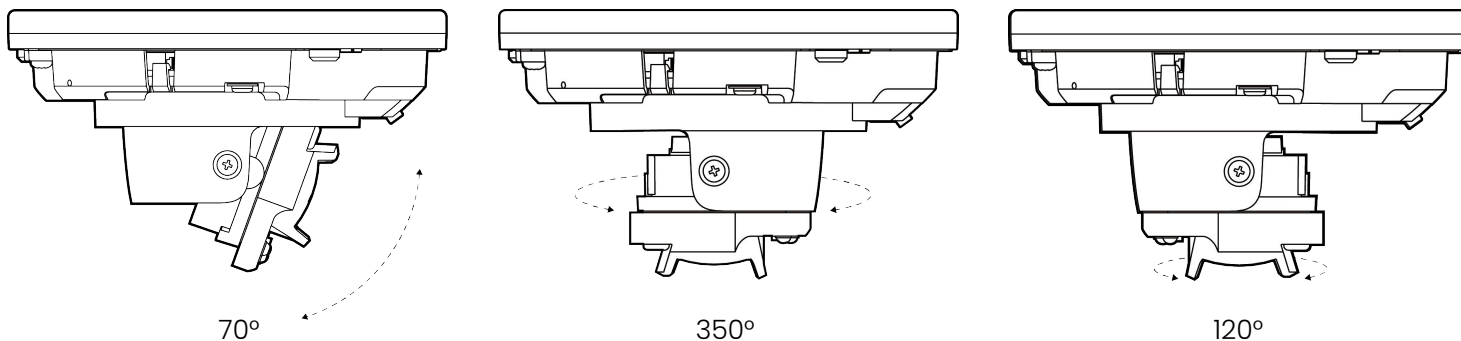
This unit is powered by PoE through a UL Listed ITE.



Installation

Adjust

Adjust your camera to the desired viewing angle. Use the online stream to confirm image orientation. Image can be flipped 90 or 180 degrees online in Command.

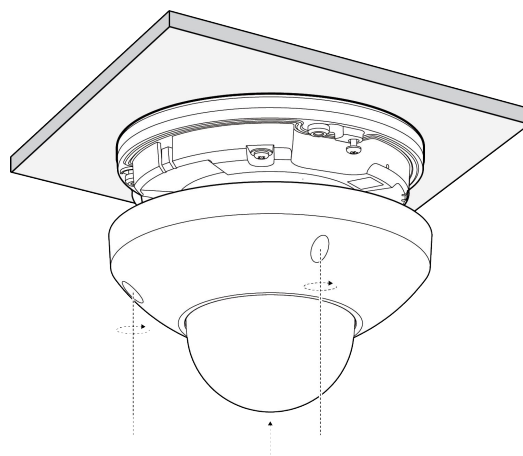
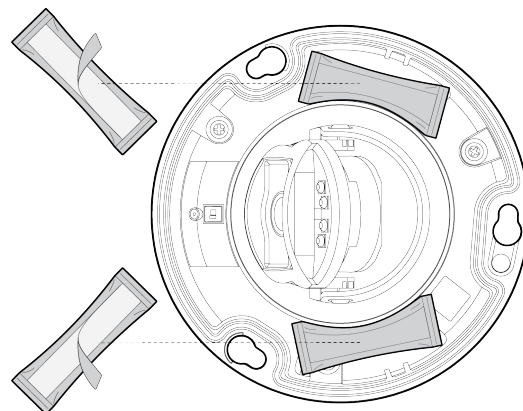


Secure

Remove film from the desiccant pack adhesive strips.

Apply the adhesive side of both desiccant packs to the recesses that say "Center desiccant here." Ensure that no part of the desiccant pack extends beyond the camera body.

To secure the camera, align the top cover security holes with the mount plate and place the top cover back into its original position. Tighten the security screws using the provided screwdriver.



CM41-E Compliance

Caution	1. Maintenance and repair work must always be carried out by qualified technical personnel. Disconnect power from the unit when performing a maintenance task. 2. Wiring methods used for the connection of the equipment to earth shall be in accordance with the National Electrical Code, ANSI/NFPA 70, and the Canadian Electrical Code, Part I, CSA C22.1. 3. The product must be installed and protected in a location that is not easily accessible and is away from impacts or heavy vibration. 4. The device is only to be connected to PoE networks without routing to outside plants. 5. If powered by a power adapter, the adapter should be properly grounded. 6. Please contact certified dealers for power adapters.
PoE Adapter	To reduce potential safety issues, only use the PoE adapter provided with the product, a replacement PoE adapter provided by Verkada, or a PoE adapter purchased as an accessory from Verkada.



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

