

ETC Installation Guide

High End Systems RigPOV Camera

Overview



CAUTION: *Installing a RigPOV camera upgrade is an invasive procedure and should only be performed by qualified ETC Service Technicians. Any damage resulting from installation by unqualified personnel will not be covered under warranty and is not the responsibility of ETC.*



Note: *To prevent damage during shipment, ETC recommends that you remove the RigPOV camera from the fixture during transport.*

This guide contains instructions for installing the ETC RigPOV camera upgrade on the fixtures listed below.

- [Lonestar/Hyperstar on page 2](#)
- [Halcyon Gold on page 16](#)
- [Halcyon Titanium on page 25](#)
- [Halcyon Platinum on page 36](#)

See [Configure the Camera on page 45](#) for information about connecting to the camera.

For assistance with this procedure, or to schedule installation by a qualified ETC Service Technician, please contact ETC Technical Support (etccconnect.com/contactETC).

Please email comments about this manual to: TechComm@etccconnect.com.



ETC Installation Guide

RigPOV Camera

Lonestar/Hyperstar

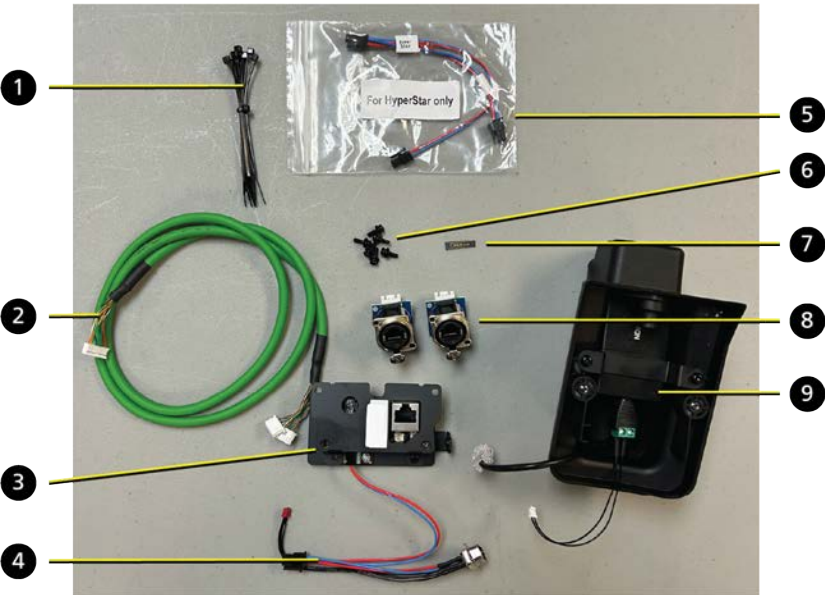


WARNING: RISK OF ELECTRIC SHOCK! Power must be off when you perform this procedure.

AVERTISSEMENT : RISQUE DE DÉCHARGE ÉLECTRIQUE! L'alimentation doit être éteinte avant d'exécuter cette procédure.

Tools and supplies required:

- #2 Phillips screwdriver (not provided)
- Tape to temporarily secure two connectors (not provided)
- Contents of the camera upgrade kit:



Item	Description
1	Zip Ties
2	Ethernet Cable
3	Camera Circuit Board Assembly
4	Lonestar Power Wire Harness*
5	Hyperstar Power Wire Harness*
6	Screws
7	Camera Port Label
8	Ethernet Circuit Boards (quantity 2)
9	RigPOV Camera

*If you are installing the RigPOV camera on a Hyperstar fixture:

1. Remove the Lonestar power wire harness (item 4 above) from the camera circuit board assembly (item 3 above).
2. Connect the Hyperstar power wire harness (item 5 above) to the camera circuit board assembly.
3. Discard the wire harness you do not need.

ETC Installation Guide

RigPOV Camera

Remove Fixture Covers - Lonestar/Hyperstar

1. Disconnect the fixture from power and allow it to cool.
2. Using a #2 Phillips screwdriver:
 - Loosen the captured screws on the head covers and remove both covers.
 - Loosen the captured screws on the yoke arm covers and remove both covers.
 - Remove the screws that attach the four inside yoke covers (located at the base of the yoke) to the fixture, and remove the covers. Retain the screws for use when you reattach the covers.
 - Remove the screws that attach the covers to the upper enclosure (see graphic on right), and remove the covers. Retain the screws for use when you reattach the covers.
3. Using a #2 Phillips screwdriver, remove the four screws that secure the yoke handle to the yoke arm and remove the yoke handle from the fixture. Retain the screws for use when you reattach the handle.
4. Using a #2 Phillips screwdriver, remove the two screws that secure the power board's protective cover to the fixture. Retain the screws and the cover for use when you reattach the protective cover.



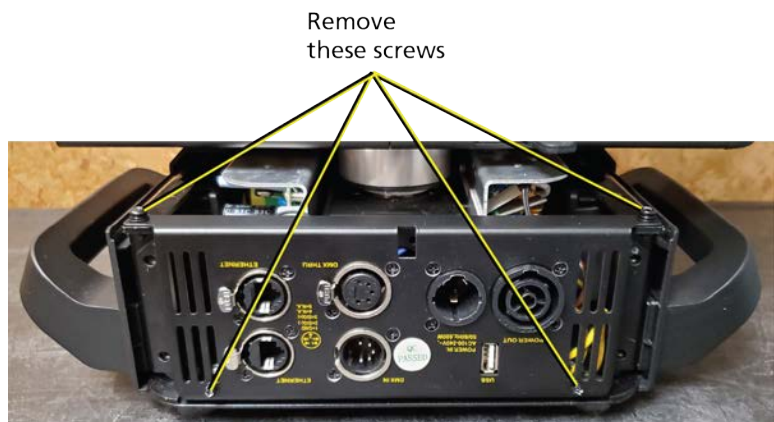
ETC Installation Guide

RigPOV Camera

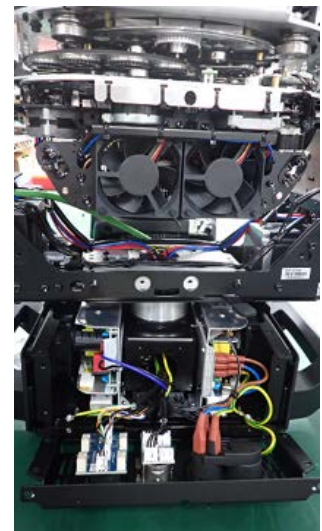
5. Using a #2 Phillips screwdriver, remove the four screws that secure the DMX/power cover to the upper enclosure. Retain the screws for use when you reattach the cover.



6. Using a #2 Phillips screwdriver, remove the four screws that secure the DMX/power panel to the upper enclosure. Retain the screws for when you reattach the panel.



7. Gently pull the DMX/power panel away from the upper enclosure and lay it face down next to the fixture.



ETC Installation Guide

RigPOV Camera

Connect the Ethernet Wiring - Lonestar/Hyperstar

Supplies needed:

- #2 Phillips screwdriver (not provided)
- Tape (not provided)
- Ethernet cable (provided in the camera upgrade kit)

1. Using tape and the green Ethernet cable, wrap together the two 4-pin connectors on the Ethernet cable so that the connectors are secured to each other. It can be helpful to include a pull string in the tape for use while pulling the cable through the fixture.



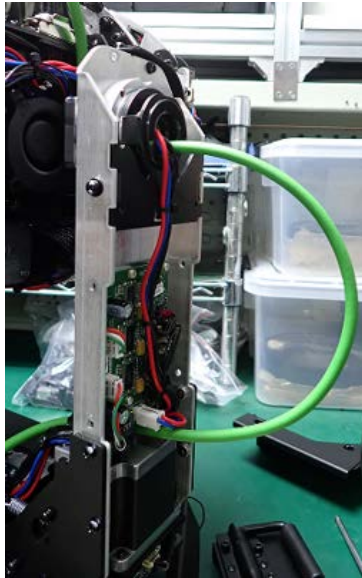
2. Feed the 8-pin connector on the Ethernet cable through the yoke arm and into the fixture head.



ETC Installation Guide

RigPOV Camera

3. Feed the other end of the Ethernet cable through the yoke above the tilt motor.



4. Feed the end of the Ethernet cable down through the pan tube in the bottom of the yoke and out through the opening made by the removal of the DMX/Power panel.



ETC Installation Guide

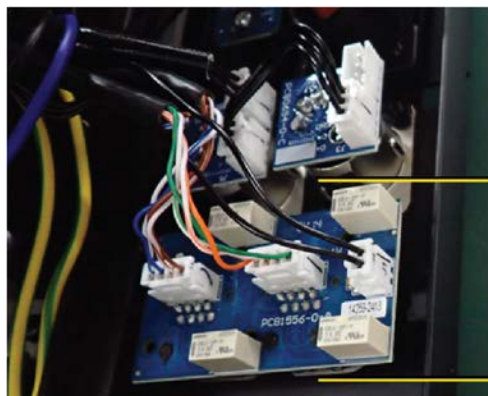
RigPOV Camera

5. Using a #2 Phillips screwdriver, remove the four screws that secure the Ethernet connectors to the DMX/power panel. Retain the screws for use when you attach the replacement Ethernet circuit boards to the panel.

Remove
these screws



6. Disconnect the two 4-pin connectors and the 2-pin connector from the Ethernet board and gently remove the board. Retain the board for future use if you want to reinstall the board to enable Ethernet pass through again.

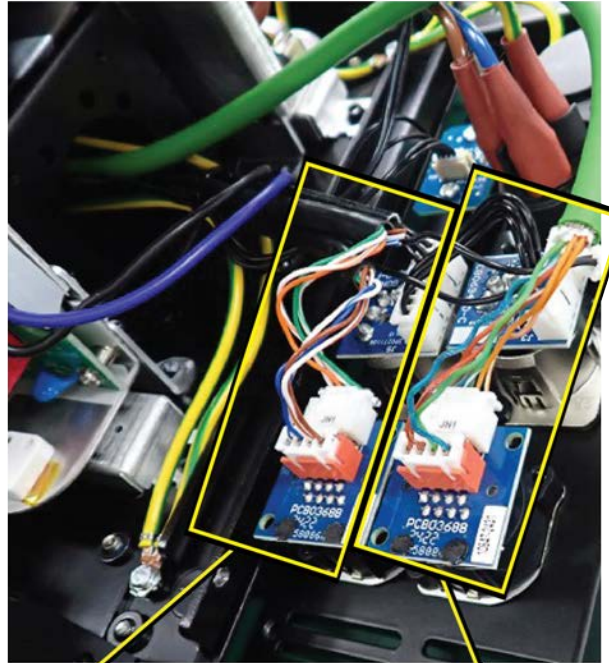


Disconnect connectors
and remove this PCB

ETC Installation Guide

RigPOV Camera

7. Gently insert the two Ethernet circuit boards that were included in the camera upgrade kit into the DMX/power panel.
8. Using a #2 Phillips screwdriver and the four screws you removed in step 5, secure the two Ethernet connectors to the DMX/power panel.
9. Connect the fixture wires to the circuit board.
 - a. Insert the connector labeled "JN1" into the white connector.
 - b. Insert the connector labeled "JN2" into the red connector.
 - c. The two-pin connector that was originally connected to the Ethernet board is not needed for the RigPOV camera. This connector and wires can be left in the fixture for future use if you want to enable Ethernet pass through again.
10. Connect the Ethernet wires (contained in the green cable) to the board.
 - a. One of the 4-pin connectors includes striped wires. Connect this 4-pin connector to the white connector.
 - b. One of the 4-pin connectors includes solid-colored wires. Connect this 4-pin connector to the red connector.

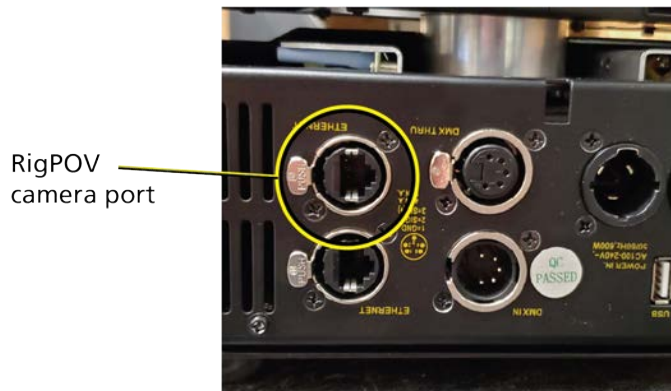


Fixture wires:
JN1 -> White connector
JN2 -> Red connector

Ethernet wires:
Striped wires -> White connector
Solid -color wires -> Red connector

11. Close the DMX/power panel of the upper enclosure.
 - a. Gentle slide the DMX/power panel into position being careful not to pinch the wires.
 - b. Using a #2 Phillips screwdriver and the four screws you **removed earlier**, secure the panel to the upper enclosure.
 - c. Using a #2 Phillips screwdriver, and DMX/power cover, and the four screws you **removed earlier**, secure the DMX/power cover to the upper enclosure.

The Ethernet port on top is now the RigPOV Camera port. You can relabel this port with the "Camera" label that was provided in the camera upgrade kit.



ETC Installation Guide

RigPOV Camera

Move the Lens Cover Safety Cable - Lonestar/Hyperstar

The lens cover safety cable must be moved to make room for the RigPOV circuit board assembly.

1. Unhook the lens cover safety cable from the fixture.



2. Using a #2 Phillips screwdriver, loosen the four screws that attach the lens cover to the fixture.

3. Gently remove the lens cover, rotate it 180 degrees, and reattach it to the fixture.



4. Connect the safety cable to the fixture.



ETC Installation Guide

RigPOV Camera

Attach the RigPOV Camera Circuit Board- Lonestar/Hyperstar

Supplies needed:

- #2 Phillips screwdriver (not provided)
- Parts from the camera upgrade kit:
 - Two Phillips screws
 - Camera circuit board assembly
 - Power wire harness

1. Using a #2 Phillips screwdriver, remove the left and right screws located above the fixture's power circuit board (as shown below). Retain the screws for use when you attach the camera circuit board assembly to the fixture.



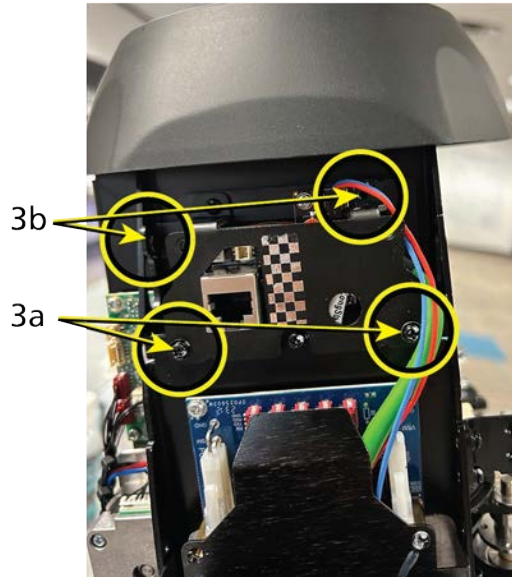
2. Connect the 8-port Ethernet connector to the camera circuit board.



ETC Installation Guide

RigPOV Camera

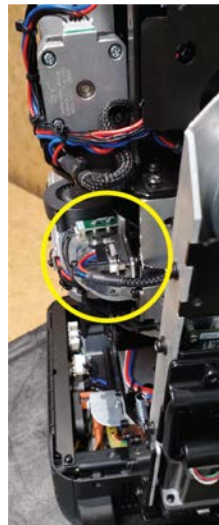
3. Secure the circuit board assembly to the fixture.
 - a. Using the two screws you removed in step 1, attach the circuit board assembly to the fixture.
 - b. Using two screws from the camera upgrade kit, attach one screw to the left side of the circuit board assembly and the other screw to the top right of the circuit board assembly.



4. Using a #2 Phillips screwdriver, remove the power connector from the fixture and disconnect the wires from the fixture.



Lonestar



Hyperstar

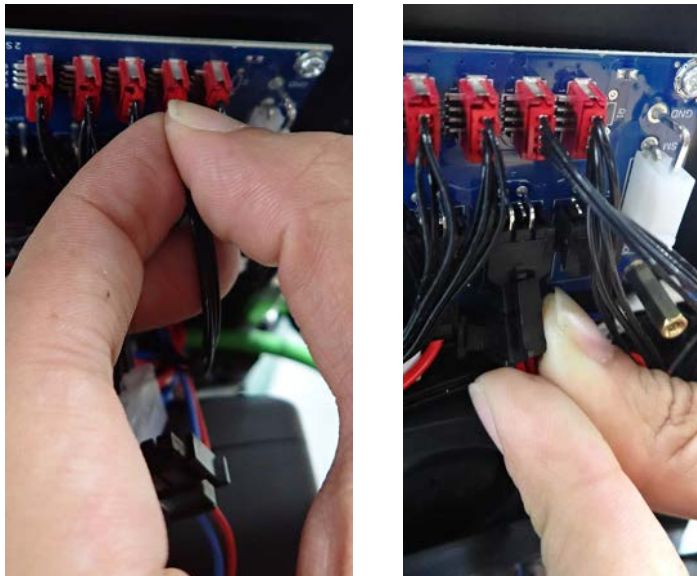
ETC Installation Guide

RigPOV Camera

5. Using a #2 Phillips screwdriver and the power wire harness from the camera upgrade kit, attach the power wire harness to the fixture.



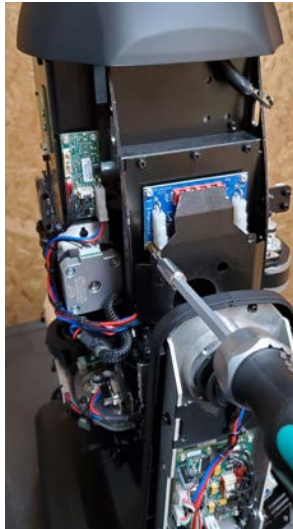
6. Connect the red and black connectors from the power wire harness to the power board.



ETC Installation Guide

RigPOV Camera

7. Using a #2 Phillips screwdriver, the power board protective cover, and the two screws you removed earlier, secure the power board's protective cover to the fixture.



Reattach Upper Enclosure and Yoke Arm Covers

1. Use zip ties to secure the new wires you installed in the upper enclosure and yoke arm.
2. Using a #2 Phillips screwdriver, reattach the upper enclosure covers.
3. Using a #2 Phillips screwdriver and the screws you *removed earlier*, reattach the four inside yoke covers (located at the base of the yoke).
4. Using a #2 Phillips screwdriver and the four screws you *removed earlier*, reattach the yoke handle to the yoke arm.
5. Using a #2 Phillips screwdriver, reattach the yoke covers.

ETC Installation Guide

RigPOV Camera

Modify and Reattach Head Covers - Lonestar/Hyperstar

The RigPOV camera is installed on the fixture in place of two adjacent air filter screens on the head covers. Before installing the camera, you must remove the screens.

1. Each air filter screen is held in place inside the head cover by two screws. Using a #2 Phillips screwdriver, remove the screws to detach one screen from each head cover. Make sure the screens you remove are two that are adjacent to each other when they are installed on the fixture.



2. Reattach the head covers to the fixture so that the air filter openings in the cover expose the camera circuit board.



ETC Installation Guide

RigPOV Camera

Install the Camera - Lonestar/Hyperstar

Supplies needed:

- RigPOV camera (provided in the camera upgrade kit)
 - #2 Phillips screwdriver (not provided)
1. Connect the camera's power and data wire connectors to the connectors on the camera mounting bracket.



2. Using a #2 Phillips screwdriver, attach the camera to the fixture using the screw holes provided in the camera mounting bracket.



3. See [Configure the Camera on page 45](#) for information about connecting to the camera.

ETC Installation Guide

RigPOV Camera

Halcyon Gold



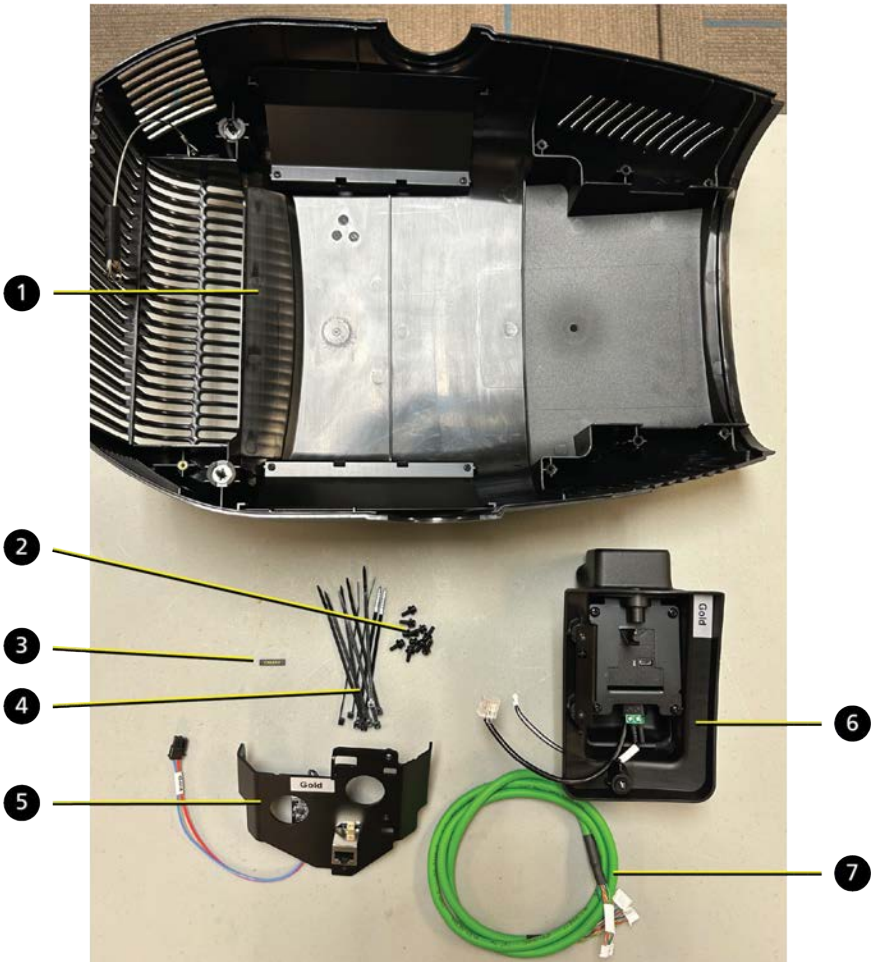
WARNING: RISK OF ELECTRIC SHOCK! Power must be off when you perform this procedure.

AVERTISSEMENT : RISQUE DE DÉCHARGE ÉLECTRIQUE! L'alimentation doit être éteinte avant d'exécuter cette procédure.

Tools and supplies required:

- #2 Phillips screwdriver (not provided)
- Tape to temporarily secure two connectors (not provided)
- Contents of the camera upgrade kit:

Item	Description
1	Replacement Head Cover
2	Screws
3	Camera Port Label
4	Zip Ties
5	Camera Circuit Board Assembly
6	RigPOV Camera
7	Ethernet Cable



ETC Installation Guide

RigPOV Camera

Remove Fixture Covers - Halcyon Gold

1. Disconnect the fixture from power and allow it to cool.
2. Using a #2 Phillips screwdriver:
 - Loosen the captured screws on the head covers and remove both covers.
 - Loosen the captured screws on the yoke arm covers and remove both covers.
 - Remove the screws that attach the four inside yoke covers (located at the base of the yoke) to the fixture, and remove the covers. Retain the screws for use when you reattach the covers.
 - Remove the screws that attach the covers to the upper enclosure (see graphic on right), and remove the covers. Retain the screws for use when you reattach the covers.



3. Using a #2 Phillips screwdriver, remove the two screws that secure the DMX/power panel to the upper enclosure. Retain the screws for use when you reattach the panel.



4. Gently pull the DMX/power panel away from the upper enclosure.



ETC Installation Guide

RigPOV Camera

5. Lay the fixture on its back, and using a #2 Phillips screwdriver remove the six screws that secure the base plate to the bottom of the fixture. Retain the screws for use when you reattach the base plate.



ETC Installation Guide

RigPOV Camera

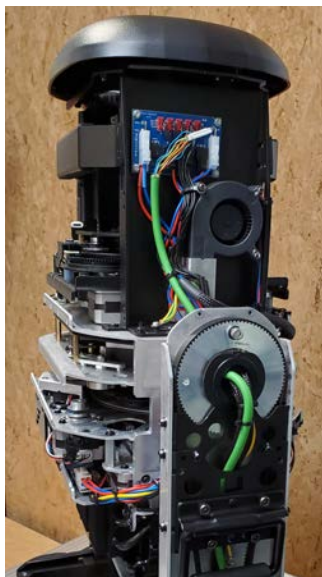
Connect the Ethernet Wiring - Halcyon Gold

Supplies needed:

- #2 Phillips screwdriver (not provided)
 - Tape (not provided)
 - Ethernet cable (provided in the camera upgrade kit)
1. Using tape and the green Ethernet cable, wrap together the two 4-pin connectors on the Ethernet cable so that the connectors are secured to each other. It can be helpful to include a pull string in the tape for use while pulling the cable through the fixture.



2. Feed the 8-pin connector on the Ethernet cable through the yoke arm and into the fixture head.



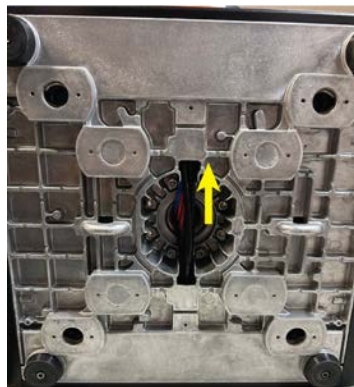
ETC Installation Guide

RigPOV Camera

3. Feed the other end of the Ethernet cable through the yoke arm behind the yoke handle above the tilt motor.



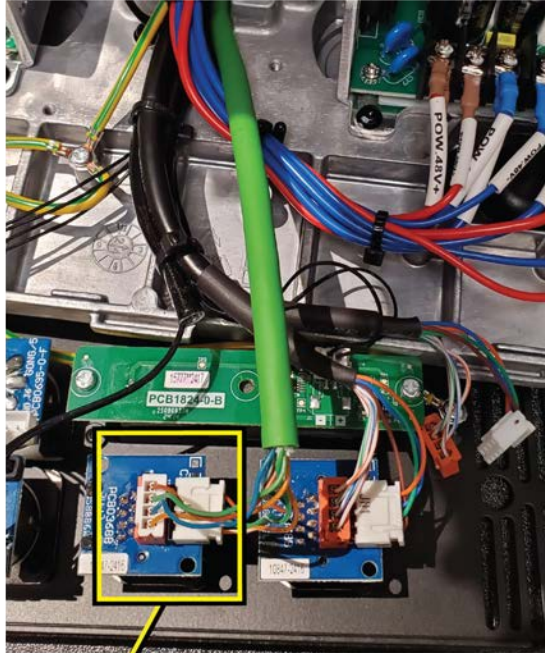
4. Feed the end of the Ethernet cable down through the pan tube in the bottom of the yoke and out through the opening created when you removed the DMX/power panel. It can be helpful to work the Ethernet cable through the base of the fixture from the bottom of the fixture.



ETC Installation Guide

RigPOV Camera

5. Disconnect the two 4-pin connectors from the left-most Ethernet board, and connect the Ethernet wires (contained in the green cable) to the board.
 - a. Attach the 4-pin connector labeled "JN1" to the white connector.
 - b. Attach the 4-pin connector labeled "JN2" to the red connector.



JN1 (Striped wires) -> White connector
JN2 (Solid-color wires) -> Red connector

6. Close the DMX/power panel of the upper enclosure.
 - a. Gentle slide the panel into position being careful not to pinch the wires.
 - b. Using a #2 Phillips screwdriver and the two screws you **removed earlier**, secure the panel to the upper enclosure.

The Ethernet port on the left is now the RigPOV Camera port. You can relabel this port with the "Camera" label that was provided in the camera upgrade kit.



Camera Port

7. Using a #2 Phillips screwdriver and the six screws you **removed earlier**, reattach the base panel to the bottom of the fixture and stand the fixture upright.

ETC Installation Guide

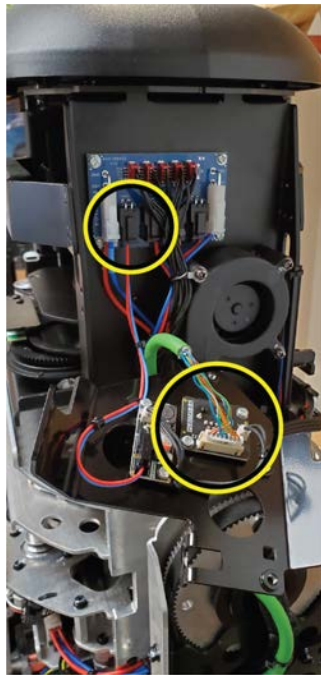
RigPOV Camera

Attach the Camera RigPOV Circuit Board - Halcyon Gold

Supplies needed:

- #2 Phillips screwdriver (not provided)
- Parts from the camera upgrade kit:
 - Six Phillips screws
 - Camera circuit board assembly

1. Connect the 8-pin Ethernet connector to the circuit board, and connect the 2-pin connector to the fixture.



2. Using a #2 Phillips screwdriver and six Phillips screws, attach the camera circuit board assembly to the fixture head above the yoke arm.



ETC Installation Guide

RigPOV Camera

Reattach Covers - Halcyon Gold

1. Use zip ties to secure the new wires you installed in the upper enclosure and yoke arm.
2. Using a #2 Phillips screwdriver, reattach the upper enclosure covers.
3. Using a #2 Phillips screwdriver and the screws you removed from the inner yoke arms earlier, reattach the four inside yoke covers (located at the base of the yoke).
4. Using a #2 Phillips screwdriver, reattach the yoke covers.
5. Reattach the head covers.
 - a. Attach the new head cover that was included in the upgrade kit so that the camera mount is exposed.
 - b. Attach one of the original head covers to the other side of the fixture head.



ETC Installation Guide

RigPOV Camera

Install the Camera - Halcyon Gold

Supplies needed:

- RigPOV camera (provided in the camera upgrade kit)
 - #2 Phillips screwdriver (not provided)
1. Connect the camera's power and data wire connectors to the connectors on the camera mounting bracket.



2. Using a #2 Phillips screwdriver, attach the camera to the fixture using the screw holes provided in the camera mounting bracket.



3. See [Configure the Camera on page 45](#) for information about connecting to the camera.

ETC Installation Guide

RigPOV Camera

Halcyon Titanium

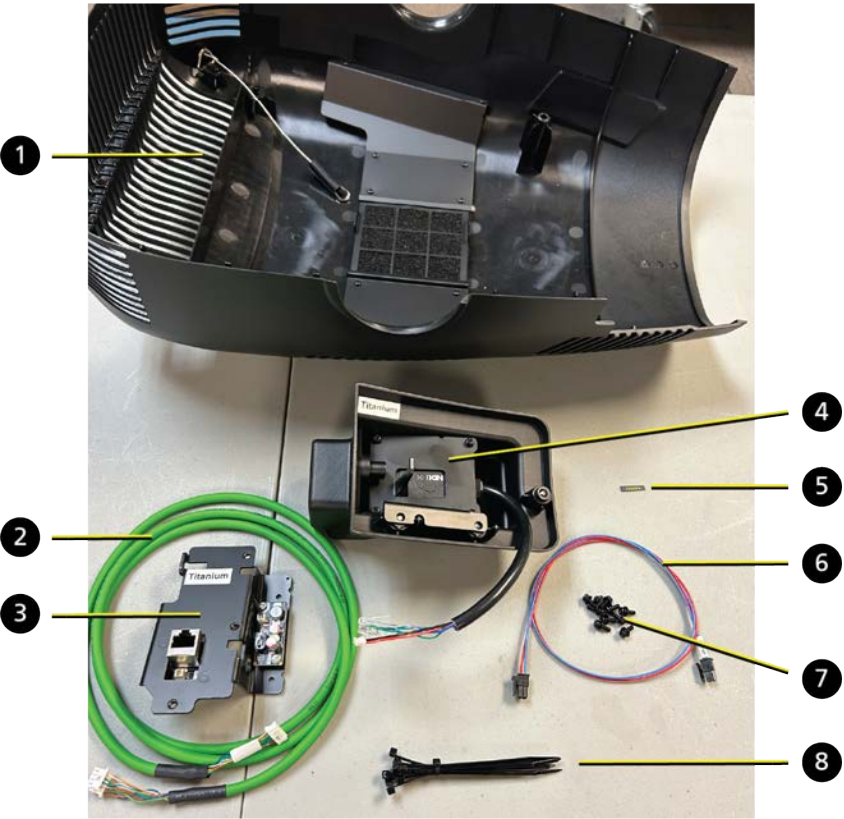


WARNING: RISK OF ELECTRIC SHOCK! Power must be off when you perform this procedure.

AVERTISSEMENT : RISQUE DE DÉCHARGE ÉLECTRIQUE! L'alimentation doit être éteinte avant d'exécuter cette procédure.

Tools and supplies required:

- #2 Phillips screwdriver (not provided)
- Tape to temporarily secure two connectors (not provided)
- Contents of the camera upgrade kit:



Item	Description
1	Replacement Head Cover
2	Ethernet Cable
3	Camera Circuit Board Assembly
4	RigPOV Camera
5	Camera Port Label
6	Camera Power Wire Harness
7	Screws
8	Zip Ties

ETC Installation Guide

RigPOV Camera

Remove Fixture Covers - Halcyon Titanium

1. Disconnect the fixture from power and allow it to cool.
2. Using a #2 Phillips screwdriver:
 - Loosen the captured screws on the head covers and remove both covers.
 - Loosen the captured screws on the yoke arm covers and remove both covers.
 - Remove the screws that attach the four inside yoke covers (located at the base of the yoke) to the fixture, and remove the covers. Retain the screws for use when you reattach the covers.
 - Remove the screws that attach the covers to the upper enclosure (see graphic on right), and remove the covers. Retain the screws for use when you reattach the covers.



3. Using a #2 Phillips screwdriver, remove the two screws that secure the DMX/power panel to the upper enclosure. Retain the screws for use when you reattach the panel.



ETC Installation Guide

RigPOV Camera

5. Lay the fixture on its back, and using a #2 Phillips screwdriver remove the six screws that secure the base plate to the bottom of the fixture. Retain the screws for use when you reattach the base plate.



ETC Installation Guide

RigPOV Camera

Connect the Ethernet Wiring - Halcyon Titanium

Supplies needed:

- #2 Phillips screwdriver (not provided)
- Tape (not provided)
- Ethernet cable (provided in the camera upgrade kit)

1. Using tape and the green Ethernet cable, wrap together the two 4-pin connectors on the Ethernet cable so that the connectors are secured to each other. It can be helpful to include a pull string in the tape for use while pulling the cable through the fixture.



2. Feed the 8-pin connector on the Ethernet cable through the yoke arm and into the fixture head.



ETC Installation Guide

RigPOV Camera

3. Guide the Ethernet cable across the fixture to the other yoke arm.



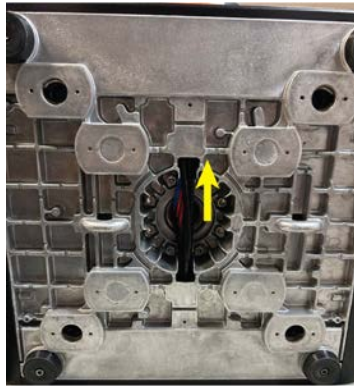
4. Fit the Ethernet cable around the motors and up to the top of the fixture head.



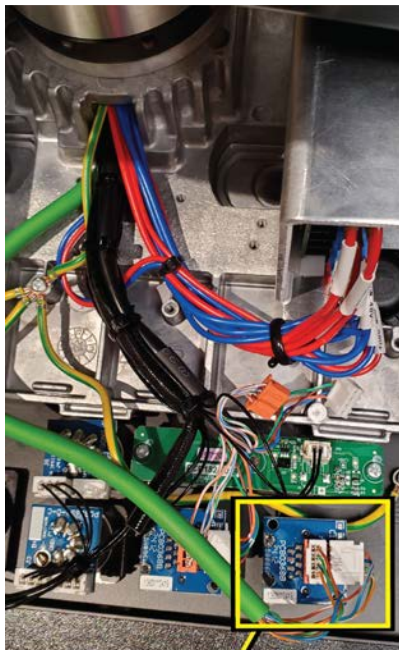
ETC Installation Guide

RigPOV Camera

5. Feed the other end of the Ethernet cable:
 - a. Through the yoke arm behind the yoke handle above the tilt motor.
 - b. Down through the pan tube in the bottom of the yoke.
 - c. Out through the opening in the base of the fixture. It can be helpful to work the Ethernet cable through the base of the fixture from the bottom of the fixture.



6. Disconnect the two 4-pin connectors from the right-most Ethernet board, and connect the Ethernet wires (contained in the green cable) to the board.
 - a. Attach the 4-pin connector labeled "JN1" to the white connector.
 - b. Attach the 4-pin connector labeled "JN2" to the red connector.



JN1 (Striped wires) -> White connector
JN2 (Solid-color wires) -> Red connector

ETC Installation Guide

RigPOV Camera

7. Close the DMX/power panel of the upper enclosure.
 - a. Gentle slide the faceplate into position being careful not to pinch the wires.
 - b. Using a #2 Phillips screwdriver and the two screws you *removed earlier*, attach the screws to the top of the faceplate to secure the faceplate to the upper enclosure.

The Ethernet port on the right is now the RigPOV Camera port. You can relabel this port with the "Camera" label that was provided in the camera upgrade kit.



Camera Port

8. Using a #2 Phillips screwdriver and the six screws you *removed earlier*, reattach the base panel to the bottom of the fixture and stand the fixture upright.

ETC Installation Guide

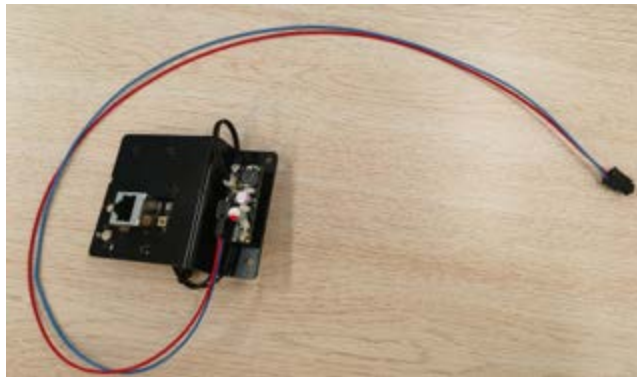
RigPOV Camera

Attach the RigPOV Camera Circuit Board - Halcyon Titanium

Supplies needed:

- #2 Phillips screwdriver (not provided)
- Parts from the camera upgrade kit:
 - Three Phillips screws
 - Camera circuit board assembly
 - Two-pin power wire harness

1. Connect the two-pin power wire harness to the camera circuit board assembly.



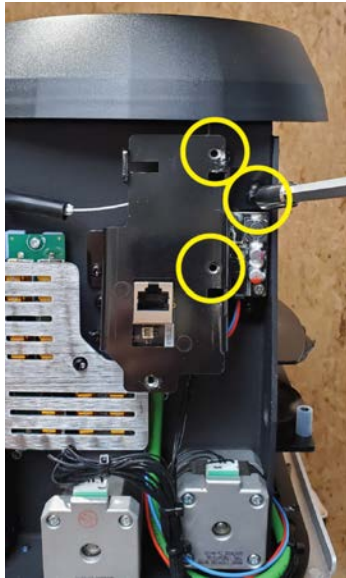
2. On the fixture, connect the 8-pin Ethernet connector to the camera circuit board assembly.



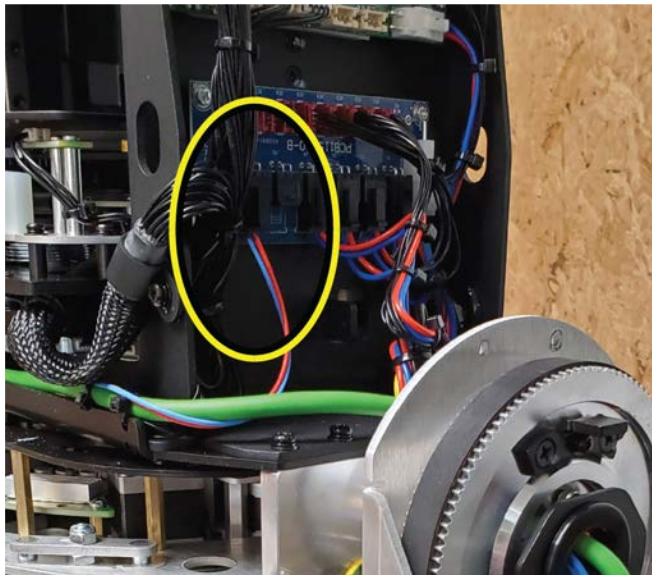
ETC Installation Guide

RigPOV Camera

3. Using a #2 Phillips screwdriver and three Phillips screws, attach the camera circuit board assembly to the fixture head above the yoke arm.



4. Guide the two-pin power wire harness across the fixture to the other yoke arm, and connect the harness to the fan board to power the camera.



ETC Installation Guide

RigPOV Camera

Reattach Covers - Halcyon Titanium

1. Use zip ties to secure the new wires you installed in the upper enclosure and yoke arm.
2. Using a #2 Phillips screwdriver, reattach the upper enclosure covers.
3. Using a #2 Phillips screwdriver and the screws you removed from the inner yoke arms earlier, reattach the four inside yoke covers (located at the base of the yoke).
4. Using a #2 Phillips screwdriver, reattach the yoke covers.
5. Reattach the head covers.
 - a. Attach the new head cover that was included in the upgrade kit so that the camera mount is exposed.
 - b. Attach one of the original head covers to the other side of the fixture head.



ETC Installation Guide

RigPOV Camera

Install the Camera - Halcyon Titanium

Supplies needed:

- RigPOV camera (provided in the camera upgrade kit)
 - #2 Phillips screwdriver (not provided)
1. Connect the camera's power and data wire connectors to the connectors on the camera mounting bracket.



2. Using a #2 Phillips screwdriver, attach the camera to the fixture using the screw holes provided in the camera mounting bracket.



3. See [Configure the Camera on page 45](#) for information about connecting to the camera.

ETC Installation Guide

RigPOV Camera

Halcyon Platinum

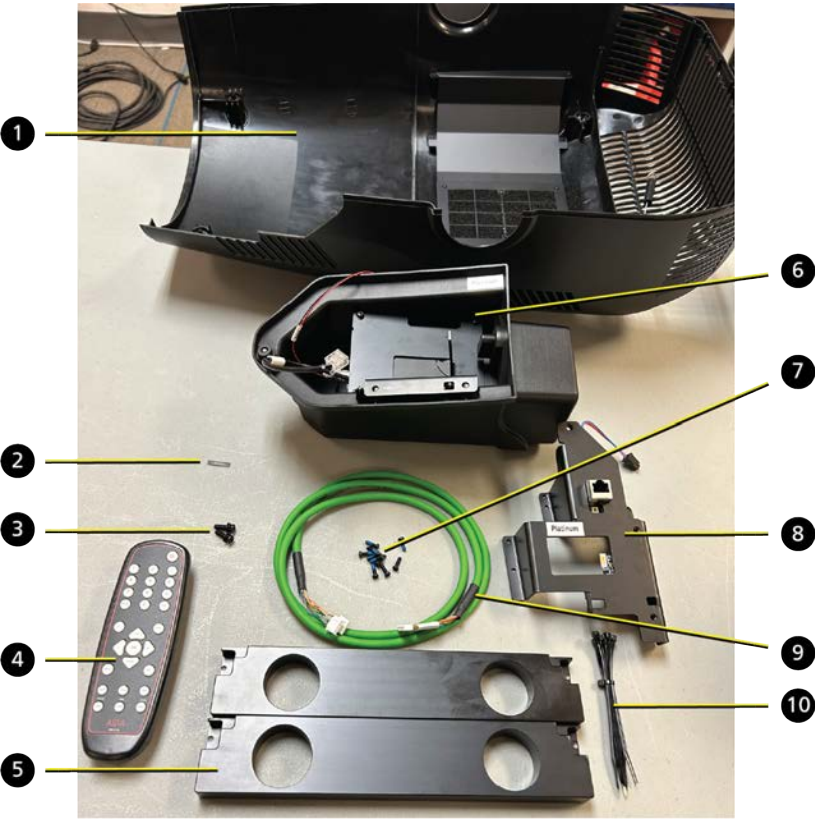


WARNING: RISK OF ELECTRIC SHOCK! Power must be off when you perform this procedure.

AVERTISSEMENT : RISQUE DE DÉCHARGE ÉLECTRIQUE! L'alimentation doit être éteinte avant d'exécuter cette procédure.

Tools and supplies required:

- #2 Phillips screwdriver (not provided)
- Tape to temporarily secure two connectors (not provided)
- Contents of the camera upgrade kit:



Item	Description
1	Replacement Head Cover
2	Camera Port Label
3	Long screws
4	Remote Control
5	Weights (quantity 2)
6	RigPOV Camera
7	Short Screws
8	Camera Circuit Board Assembly
9	Ethernet Cable
10	Zip Ties

ETC Installation Guide

RigPOV Camera

Remove Fixture Covers - Halcyon Platinum

1. Disconnect the fixture from power and allow it to cool.
2. Using a #2 Phillips screwdriver:
 - Loosen the captured screws on the head covers and remove both covers.
 - Loosen the captured screws on the yoke arm covers and remove both covers.
 - Remove the screws that attach the four inside yoke covers (located at the base of the yoke) to the fixture, and remove the covers. Retain the screws for use when you reattach the covers.
 - Remove the screws that attach the covers to the upper enclosure (see graphic on right), and remove the covers. Retain the screws for use when you reattach the covers.



3. Using a #2 Phillips screwdriver, remove the two screws that secure the DMX/power panel to the upper enclosure. Retain the screws for use when you reattach the panel.

Remove these screws



4. Gently pull the DMX/power panel away from the upper enclosure.
5. Lay the fixture on its back, and using a #2 Phillips screwdriver remove the six screws that secure the base plate to the bottom of the fixture. Retain the screws for use when you reattach the base plate.



ETC Installation Guide

RigPOV Camera

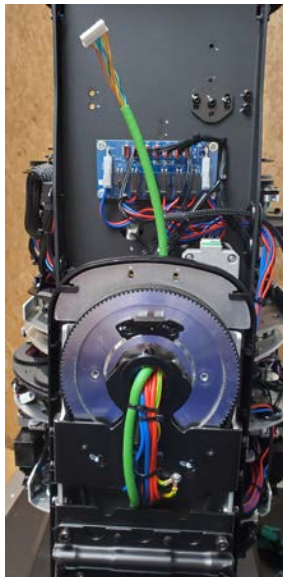
Connect the Ethernet Wiring - Halcyon Platinum

Supplies needed:

- #2 Phillips screwdriver (not provided)
 - Tape (not provided)
 - Ethernet cable (provided in the camera upgrade kit)
1. Using tape and the green Ethernet cable, wrap together the two 4-pin connectors on the Ethernet cable so that the connectors are secured to each other. It can be helpful to include a pull string in the tape for use while pulling the cable through the fixture.



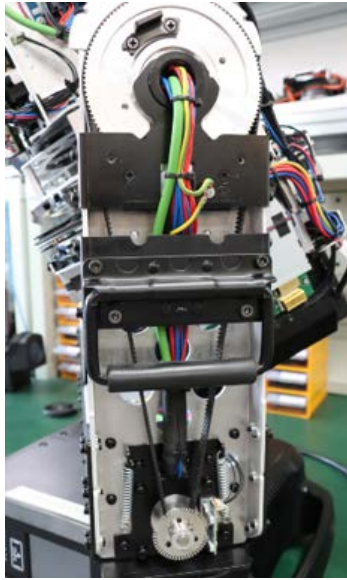
2. Feed the 8-pin connector on the Ethernet cable through the yoke arm and into the fixture head.



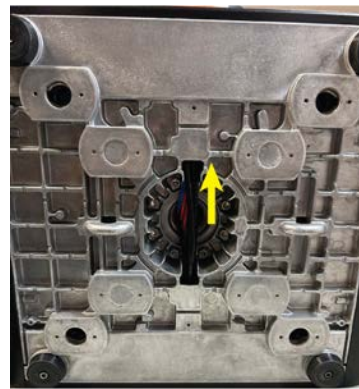
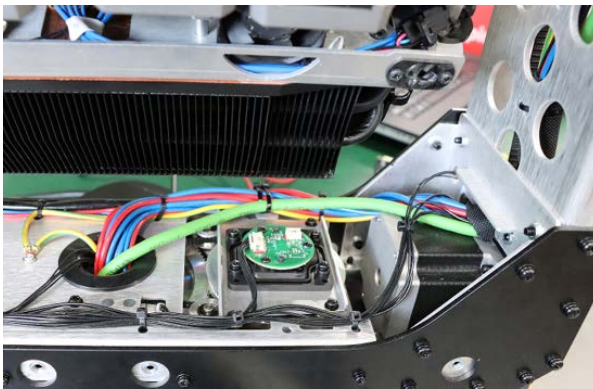
ETC Installation Guide

RigPOV Camera

3. Feed the other end of the Ethernet cable through the yoke arm behind the yoke handle above the tilt motor.



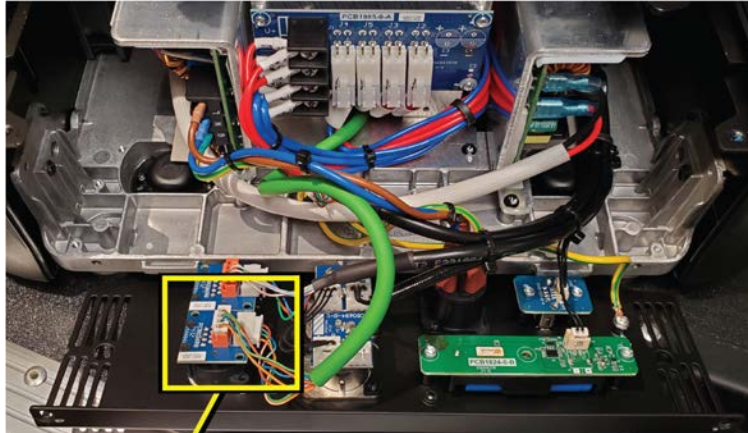
4. Feed the end of the Ethernet cable down through the pan tube in the bottom of the yoke and out through the opening created when you removed the DMX/power panel. It can be helpful to work the Ethernet cable through the base of the fixture from the bottom of the fixture.



ETC Installation Guide

RigPOV Camera

5. Disconnect the two 4-pin connectors from the Ethernet board closest to the front of the DMX/power panel, and connect the Ethernet wires (contained in the green cable) to the board.
 - a. Attach the 4-pin connector labeled "JN1" to the white connector.
 - b. Attach the 4-pin connector labeled "JN2" to the red connector.



JN1 (Striped wires) -> White connector
JN2 (Solid-color wires) -> Red connector

6. Close the DMX/power panel of the upper enclosure.
 - a. Gentle slide the faceplate into position being careful not to pinch the wires.
 - b. Using a #2 Phillips screwdriver and the two screws you *removed earlier*, attach the screws to the top of the faceplate to secure the faceplate to the upper enclosure.

The Ethernet port on top is now the RigPOV camera port. You can relabel this port with the "Camera" label that was provided in the camera upgrade kit.



Camera Port

7. Using a #2 Phillips screwdriver and the six screws you *removed earlier*, reattach the base panel to the bottom of the fixture and stand the fixture upright.

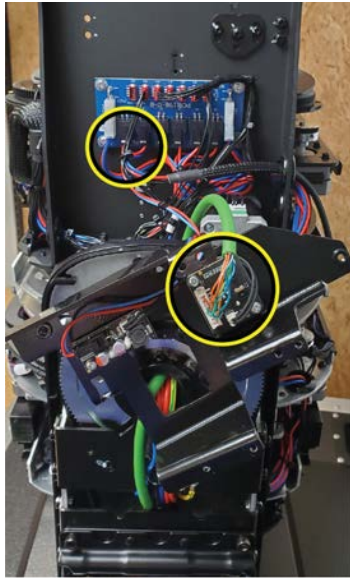
ETC Installation Guide

RigPOV Camera

Attach the RigPOV Camera Circuit Board - Halcyon Platinum

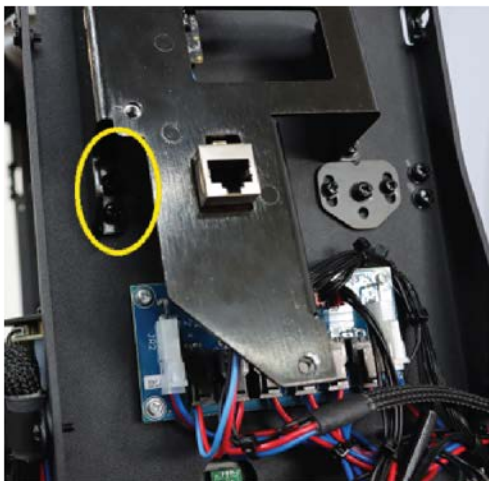
Supplies needed:

- #2 Phillips screwdriver (not provided)
 - Parts from the camera upgrade kit:
 - Six Phillips screws: the two long screws and four of the short screws
 - Camera circuit board assembly
1. Connect the 8-pin Ethernet connector to the circuit board assembly, and connect the 2-pin connector to the fixture.

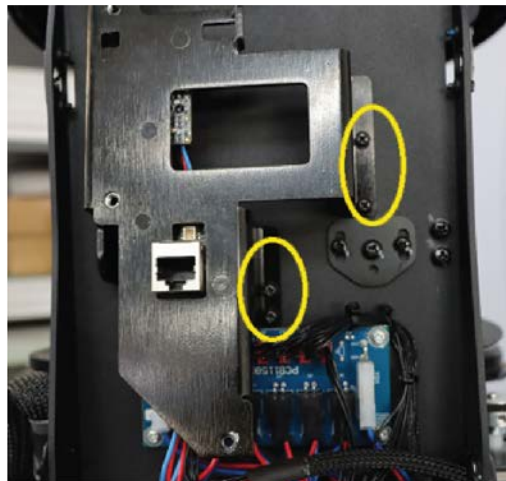


2. Using a #2 Phillips screwdriver and six Phillips screws, attach the circuit board assembly to the fixture head above the yoke arm.
 - a. Use the two long screws on the left side of the plate.
 - b. Use the four shorter screws in the other screw holes.

2a



2b



ETC Installation Guide

RigPOV Camera

Install Weights - Halcyon Platinum

The RigPOV camera update kit for the Halcyon Platinum includes two weights that must be installed in the head of the fixture to maintain the balance of the fixture head.

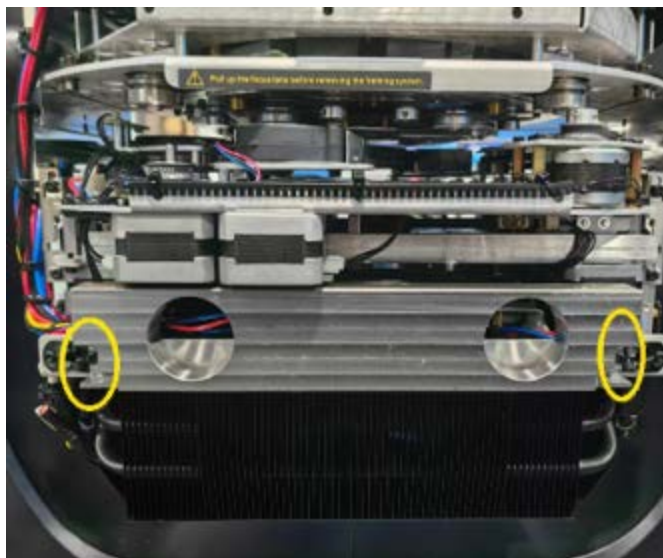
Supplies needed:

- #2 Phillips screwdriver (not provided)
- Parts from the camera upgrade kit
 - Two weights
 - Four Phillips screws

1. Using one weight and two screws, attach the weight to the fixture head frame below the effects module.



2. Using the other weight and two screws, attach the weight to the fixture head frame on the other side of the fixture head.



ETC Installation Guide

RigPOV Camera

Reattach Covers - Halcyon Platinum

1. Use zip ties to secure the new wires you installed in the upper enclosure and yoke arm.
2. Using a #2 Phillips screwdriver, reattach the upper enclosure covers.
3. Using a #2 Phillips screwdriver and the screws you removed from the inner yoke arms earlier, reattach the four inside yoke covers (located at the base of the yoke).
4. Using a #2 Phillips screwdriver, reattach the yoke covers.
5. Reattach the head covers.
 - a. Attach the new head cover that was included in the upgrade kit so that the camera mount is exposed.
 - b. Attach one of the original head covers to the other side of the fixture head.



ETC Installation Guide

RigPOV Camera

Install the Camera - Halcyon Platinum

Supplies needed:

- RigPOV camera (provided in the camera upgrade kit)
 - #2 Phillips screwdriver (not provided)
1. Connect the camera's power and data wire connectors to the connectors on the camera mounting bracket.



2. Using a #2 Phillips screwdriver, attach the camera to the fixture using the screw holes provided in the camera mounting bracket.



3. See [Configure the Camera on page 45](#) for information about connecting to the camera.

ETC Installation Guide

RigPOV Camera

Configure the Camera

The default IP address of each RigPOV camera is 192.168.1.188. You need to update the camera's IP address to an address that is compatible with your lighting network.

Supplies needed (but not provided):

- A PC
- An Ethernet cable

1. Power on the fixture.
2. Connect one end of the Ethernet cable to the Camera port on the fixture and the other end to an Ethernet port on your PC.
3. Open a browser window on your PC.
4. Type the camera's default IP address (192.168.1.188) into the browser's address bar and press Enter. The AIDA Imaging web interface opens.
5. The Username and Password are both "admin". Type the username and password into the **Welcome** dialog box and select **Login** to open the configuration web page for your camera.
6. Select **Settings** on the far right edge of the web page.
7. Select **IP/Ethernet Settings**.
8. Type a new IP address into the **IP** field, and type a subnetmask address into the **Netmask** field.
9. Select **Confirm** to save your changes. The camera is now ready to connect to your lighting network using the assigned IP address.

As necessary, you can change other settings on the camera. For example:

- **Settings > Video Encode Settings** - Set the resolution of the camera.
- **Settings > NDI/Stream Settings** - Name your camera.
- **Image Effects** - This tab at the top of the web page lets you mirror or flip the camera image.

Connect to the Camera

Once you have installed and configured the camera, use your ETC Eos console (support for NDI feeds coming soon) or other third-party control platform to connect to the video stream provided by the RigPOV camera. See the third-party control platform documentation for information about connecting to a networked device.