

## Eonvic Hirose 20 Pin Stratus Lens Control Y Cable 25CM

# Eonvic Hirose 20 Pin Stratus Lens Control Y Cable (25CM) User Manual

For Canon Cinema CN-E Servo Lenses

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the Eonvic Hirose 20 Pin Stratus Lens Control Y Cable, 25CM version. This cable is designed to facilitate simultaneous control of both zoom and focus functions on compatible Canon Cinema CN-E servo lenses using two separate servo controllers. Please read this manual thoroughly before use to ensure proper setup and operation.

## 2. PRODUCT OVERVIEW

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The Eonvic Hirose 20 Pin Stratus Lens Control Y Cable is a specialized accessory for professional cinema camera setups. It features a single right-angle male 20-pin Hirose connector for the lens servo on one end, splitting into two female 20-pin Hirose connectors for servo controllers on the other end. This Y-cable allows for independent or simultaneous control of zoom and focus via two distinct controllers.



Figure 2.1: Main view of the Eonvic Hirose 20 Pin Stratus Lens Control Y Cable. Shows the single male connector splitting into two female connectors.



Figure 2.2: Angled view of the Y-cable, highlighting the connector types and cable split.



Figure 2.3: Close-up view of the Hirose 20-pin connectors, showing the pin configuration.

### 3. SETUP INSTRUCTIONS

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1. **Identify Components:** Ensure you have your Canon Cinema CN-E servo lens (e.g., 18-80mm, 70-200mm), two compatible servo controllers (e.g., Canon FPD-400D, ZSD-300D), and the Eonvic Hirose 20 Pin Stratus Lens Control Y Cable.
2. **Connect to Lens:** Locate the 20-pin servo port on your Canon CN-E servo lens. Carefully align and connect the single male 20-pin right-angle connector of the Y-cable to this port. Ensure a secure connection.
3. **Connect Controllers:** Take your first servo controller and connect its 20-pin cable to one of the female 20-pin connectors on the Y-cable. Repeat this step for the second servo controller, connecting it to the remaining female 20-pin connector.
4. **Power On:** Once all connections are secure, power on your camera system and servo controllers according to their respective manuals.

The cable adds approximately 25cm (10 inches) to your existing servo setup, providing flexibility in controller placement.

### 4. OPERATING INSTRUCTIONS

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With the Y-cable properly connected, you can now operate your Canon CN-E servo lens using two controllers. Each controller can be assigned to either zoom or focus functions, or configured for simultaneous control, depending on your specific servo controller model and camera system settings.

- **Zoom Control:** Use the designated servo controller to adjust the zoom of the lens.
- **Focus Control:** Use the other designated servo controller to adjust the focus of the lens.
- **Simultaneous Control:** The Y-cable enables the use of two controllers for independent or combined control over zoom and focus, enhancing operational flexibility for camera operators.

Refer to your specific servo controller and camera lens manuals for detailed instructions on assigning and calibrating zoom and focus functions.

## 5. MAINTENANCE

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Proper maintenance ensures the longevity and reliable performance of your Eonvic Y-cable.

- **Cleaning:** Keep connectors free from dust and debris. Use a soft, dry cloth to gently wipe the cable and connectors. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, coil the cable loosely. Avoid tight bends or kinks, which can damage internal wiring. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Always grasp the connector housing when plugging or unplugging the cable, not the cable itself. Avoid pulling or tugging on the cable.
- **Inspection:** Periodically inspect the cable for any signs of wear, cuts, or damage to the insulation or connectors.

## 6. TROUBLESHOOTING

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If you encounter issues with your Eonvic Hirose Y-cable, consider the following troubleshooting steps:

- **No Control Signal:**
  - Ensure all 20-pin connectors are fully seated and secure on both the lens and the servo controllers.
  - Verify that the servo controllers are powered on and functioning correctly.
  - Test the lens servo port and controllers with a known working cable, if available, to isolate the issue.
- **Intermittent Control:**
  - Check for any loose connections.
  - Inspect the cable for visible damage, such as cuts or crimps, which could cause intermittent signals.
- **Physical Damage:** If the cable shows signs of physical damage, discontinue use immediately to prevent potential short circuits or further equipment damage.

If troubleshooting steps do not resolve the issue, please refer to the Warranty and Support section for assistance.

## 7. SPECIFICATIONS

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Feature	Detail
Brand	Eonvic
Model	Hirose 20 Pin Stratus Lens Control Y Cable

Feature	Detail
<b>Cable Length</b>	Approximately 25 cm (10 inches)
<b>Connector Type (Lens Side)</b>	1 x Hirose 20-Pin Male (Right-Angle)
<b>Connector Type (Controller Side)</b>	2 x Hirose 20-Pin Female
<b>Compatible Lenses</b>	Canon CN-E Servo Lenses (e.g., 18-80mm, 70-200mm)
<b>Compatible Controllers</b>	Canon FPD-400D, ZSD-300D Servo Controllers
<b>Function</b>	Simultaneous Zoom and Focus Control

## 8. WHAT'S IN THE BOX

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The package for the Eonvic Hirose 20 Pin Stratus Lens Control Y Cable (25CM) typically includes:

- 1 x Hirose 20 Pin Male to 2x 20 Pin Female Y-Cable

## 9. WARRANTY AND SUPPORT

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Eonvic is committed to providing high-quality products. Every cable undergoes testing to ensure there are no short circuits or potential breakdown problems before shipment. If the cable you received is defective or does not function as expected, please contact Eonvic customer support immediately. We will assist in resolving the issue or arrange for a replacement.

For support, please refer to the contact information provided with your purchase or visit the official Eonvic website.