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ShiftCam LensUltra 240mm

ShiftCam LensUltra 240mm Super Zoom Telephoto Lens User Manual

Model: LensUltra 240mm | Brand: ShiftCam

INTRODUCTION

The ShiftCam LensUltra 240mm Super Zoom Telephoto Lens is designed to extend the optical reach of your smartphone camera, providing true telephoto capabilities for capturing distant subjects with clarity and detail. This lens integrates with your phone's existing telephoto camera (e.g., 5x periscope on iPhone) to achieve a 240mm equivalent focal length, offering natural telephoto compression and depth without digital cropping.

Constructed with advanced fluorite glass, it minimizes chromatic aberration and color fringing, enhancing contrast and color accuracy for sharper images. Its lightweight and compact design makes it suitable for travel, wildlife observation, sports, and concert photography.

WHAT'S IN THE BOX

Verify that all the following items are included in your package:

- 240mm Super Zoom Tele Lens
- Protective Lens Pouch
- Lens Cleaning Pen
- Microfiber Cloth
- Warranty Card
- User Manual (this document)



Image: Contents of the ShiftCam LensUltra 240mm Super Zoom Telephoto Lens package, including the lens, pouch, cleaning pen, microfiber cloth, warranty card, and user manual.

SETUP INSTRUCTIONS

Follow these steps to properly attach and prepare your ShiftCam LensUltra 240mm Telephoto Lens for use:

Step 1: Mount the Lens

Twist-mount the 240mm lens onto your compatible ShiftCam S-Mount case or universal mount. Ensure the lens guide marks align correctly with your phone's telephoto camera (4x, 5x, or 8x periscope camera). You will feel a click when the lens is securely seated.



Image: A hand twisting the ShiftCam 240mm telephoto lens onto a ShiftCam phone case, aligning it with the phone's camera module.

Step 2: Lock the Telephoto Camera in App

Open a professional camera application such as Halide, Blackmagic Camera, or FiLMiC Pro. Select the telephoto lens option within the app to engage your phone's periscope sensor. For iPhone 16/15 series, select the 5x camera. For iPhone 17 series, select the 4x or 8x camera. This action locks the optical zoom, preventing digital cropping.



Image: A smartphone displaying a camera application interface, with the 5x telephoto lens option highlighted, ready for capturing images.

Step 3: Capture Images

Once the lens is mounted and the telephoto camera is selected in your app, stabilize your phone, tap to focus on your desired subject, and capture. You will achieve true optical reach and natural telephoto compression without digital distortion.



Image: A person holding a smartphone with the ShiftCam 240mm telephoto lens attached, aiming it towards a distant landscape, demonstrating readiness for photography.

OPERATING INSTRUCTIONS

The ShiftCam LensUltra 240mm Telephoto Lens is designed for capturing distant subjects. For optimal results, consider the following:

- **Minimum Focus Distance:** The lens has a minimum focus distance of 5 meters. Subjects closer than 5 meters may not be in sharp focus.
- **Stability:** For the sharpest images, especially at 240mm equivalent focal length, use a tripod or ensure your phone is stable during capture.
- **Compatible Apps:** Utilize professional camera apps like Halide, Blackmagic Camera, or FiLMiC Pro for full control over your phone's camera and to ensure the correct telephoto sensor is engaged.
- **Lighting Conditions:** While the lens performs well, optimal lighting conditions will yield the best results, particularly for distant subjects.

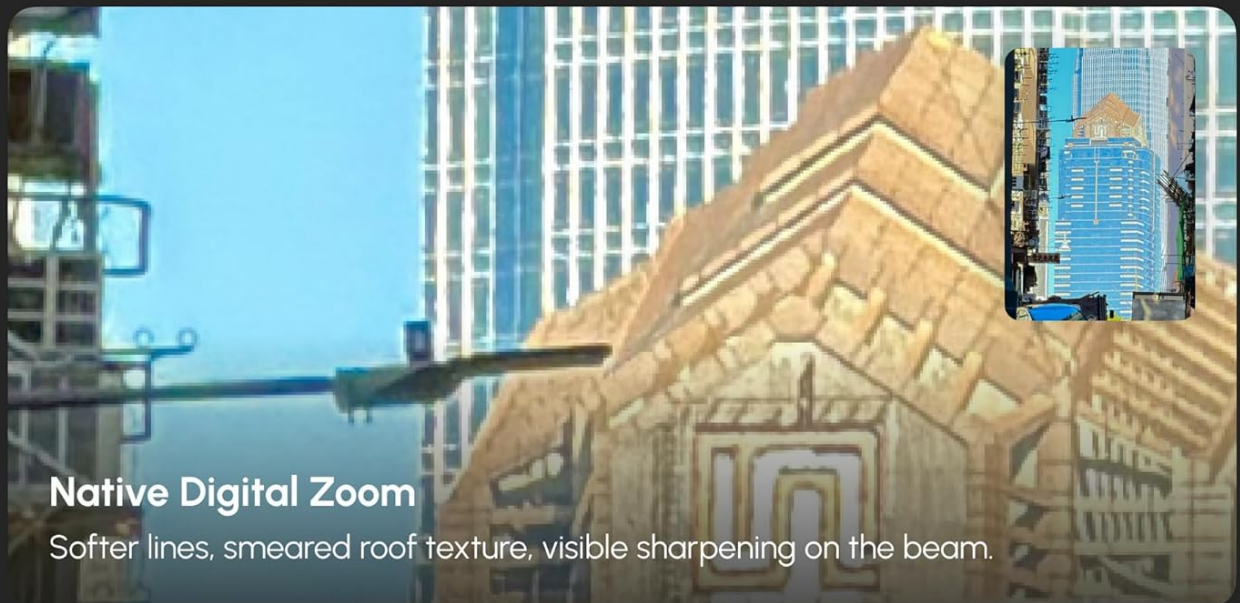


Video: Demonstration of the ShiftCam LensUltra 240mm Super Zoom Telephoto Lens in use, capturing distant subjects with a smartphone. This video shows the lens attached to an iPhone 17 Pro, capturing flamingos and other birds with enhanced zoom capabilities.



Optical Zoom (8x + 240mm Tele)

Sharper lines, better contrast, clearer details



Native Digital Zoom

Softer lines, smeared roof texture, visible sharpening on the beam.

Image: The ShiftCam LensUltra 240mm Telephoto Lens attached to a smartphone, showcasing its compact design and integration with the phone's camera system.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your ShiftCam LensUltra 240mm Telephoto Lens:

- **Cleaning the Lens:** Use the provided lens cleaning pen and microfiber cloth to gently remove dust, smudges, or fingerprints from the lens elements. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the lens in its protective pouch to shield it from dust, scratches, and impacts. Keep it in a dry environment away from extreme temperatures.
- **Handling:** Always handle the lens by its barrel, avoiding direct contact with the glass elements.
- **Water Resistance:** This lens is *Not Water Resistant*. Avoid exposure to water or high humidity.

TROUBLESHOOTING


If you encounter issues with your ShiftCam LensUltra 240mm Telephoto Lens, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Blurry or Unfocused Images	<ul style="list-style-type: none">◦ Minimum Focus Distance: Ensure your subject is at least 5 meters away from the lens.◦ Lens Alignment: Verify the lens is securely and correctly mounted over your phone's telephoto camera.◦ App Selection: Confirm you have selected the correct telephoto lens (e.g., 5x, 4x, or 8x) within your professional camera app.◦ Stability: Use a tripod or stabilize your phone to minimize camera shake, especially in low light.◦ Lens Cleanliness: Clean the lens elements with the provided microfiber cloth and cleaning pen.
Edge Blurring or Distortion	<ul style="list-style-type: none">◦ Lens Alignment: Re-check that the lens is perfectly centered over your phone's telephoto camera.◦ Case Compatibility: Ensure you are using a compatible ShiftCam case or universal mount designed for proper lens alignment.
Lens Not Magnifying as Expected	<ul style="list-style-type: none">◦ App Selection: Confirm you are using a professional camera app and have manually selected the phone's telephoto lens (e.g., 5x, 4x, or 8x). The lens works in conjunction with your phone's optical zoom, not as a standalone magnifier.◦ Digital Zoom: Avoid using digital zoom within your phone's native camera app, as this will result in a cropped image rather than true optical magnification.
Cannot Attach Lens Securely	<ul style="list-style-type: none">◦ Compatible Mount: Ensure you are using a ShiftCam Phone Case or ShiftCam S-Mount, as these are designed for secure attachment.◦ Alignment: Double-check the alignment of the lens with the mount and phone camera.

SPECIFICATIONS

Model Name	LensUltra 240mm
Focal Length	240mm fixed focal length (prime)
Lens Type	Telephoto
Magnification	10x (when paired with compatible phone telephoto lens)
Minimum Focus Distance	5 meters
Compatible Mountings	ShiftCam Phone Case, ShiftCam S-Mount
Compatible Devices	iPhone 15, iPhone 16, iPhone 17 Pro, Samsung S25 Ultra, Google Pixel 10 Pro XL (with compatible ShiftCam mount)
Materials	Aluminium & Fluorite Crystal
Weight	102g

Dimensions (mm)	42.5 x 52.6
FOV Angle	10°
Image Stabilization	No image stabilization (relies on phone's OIS)
Water Resistance Level	Not Water Resistant
Video Capture Resolution	1080p (phone dependent)
File Formats	JPEG, PNG (phone dependent)



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Shoot

FAR WITH ULTRA CLORITY

Stabilize, tap to focus, and capture. You'll see true optical reach and natural telephoto compression—no digital crop.

Image: A graphic displaying the detailed product specifications for the ShiftCam LensUltra 240mm Telephoto Lens, including dimensions, weight, magnification, and compatible devices.

WARRANTY AND SUPPORT

Warranty: The ShiftCam LensUltra 240mm Super Zoom Telephoto Lens comes with a 1-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, warranty claims, or any questions regarding your ShiftCam product, please visit the official ShiftCam website or contact their customer service directly. You can also refer to the [ShiftCam Store on Amazon](#) for additional resources and contact information.

