

## Apexel APL-20-40X

# Apexel HD 20-40X Zoom Telephoto Mobile Phone Lens User Manual

Model: APL-20-40X

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## 1. INTRODUCTION

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The Apexel HD 20-40X Zoom Telephoto Mobile Phone Lens is designed to enhance your smartphone photography by providing significant optical zoom capabilities. This lens allows you to capture distant subjects with clarity, making it suitable for observing wildlife, sporting events, concerts, and landscapes. It features dual adjustments for zoom and focus, ensuring sharp images from various distances.

## 2. PACKAGE CONTENTS

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Please verify that all items are present in your package:

- Apexel 20-40X Telephoto Zoom Lens
- Universal Phone Clip
- Mini Tripod
- Eyecup (for monocular use)
- EVA Carrying Bag
- Cleaning Cloth
- Bluetooth Remote Shutter (may vary by package)



Image: Contents of the Apixel 20-40X Zoom Lens package, including the lens, phone clip, tripod, eyecup, carrying bag, and remote shutter.

### 3. SETUP INSTRUCTIONS

#### 3.1 Attaching the Lens to Your Phone

1. **Prepare the Phone Clip:** Ensure the universal phone clip is open and ready to attach to your smartphone.
2. **Attach the Lens:** Screw the Apixel 20-40X telephoto lens onto the threaded opening of the universal phone clip. Turn clockwise until securely fastened.
3. **Align with Phone Camera:** Carefully position the assembled clip and lens over your phone's main camera. Ensure the center of the lens is perfectly aligned with the center of your phone's primary camera lens. This alignment is crucial for avoiding dark corners or vignetting in your photos.
4. **Secure the Clip:** Tighten the clip screws gently but firmly to stabilize the clip on your phone. Avoid over-tightening to prevent damage.



Image: Illustration showing how to attach the telephoto lens to the universal phone clip and align it with the smartphone camera.

### 3.2 Mounting on the Tripod

For stable shots, especially at higher zoom levels, using the included tripod is recommended.

1. **Attach Phone to Tripod:** The phone clip assembly (with the lens attached) has a standard tripod screw hole at its base. Mount this onto the mini tripod by screwing it clockwise until secure.
2. **Adjust Tripod:** Extend the tripod legs and adjust its position to achieve the desired angle and stability.

## Anti-shake Tripod

Support the phone firmly to prevent the image from shaking, and the details can be fully observed



Image: The Apexel telephoto lens and smartphone mounted on the anti-shake tripod for stable photography.

## 4. OPERATION

### 4.1 Using the Zoom and Focus Rings

The Apexel 20-40X lens features two adjustable rings for precise control:

- **Zoom Ring:** Rotate the ring marked 'Zoom' to adjust the magnification from 20X to 40X. Turn clockwise for higher magnification.
- **Focus Ring:** After setting your desired zoom level, rotate the ring marked 'Focus' until the image on your phone screen appears sharp and clear. Fine-tune this ring for optimal clarity.



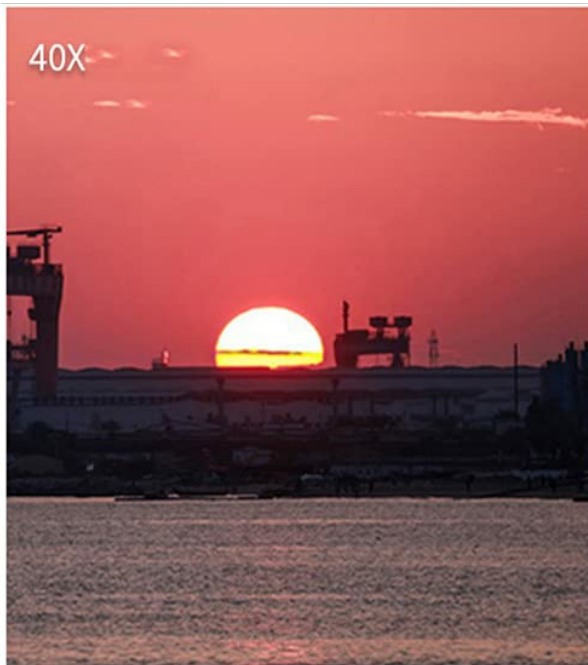
YES	NO
iPhone 13 Pro Max/13 Pro/13/13mini/ iPhone 12 Pro Max/12 Pro/12/12 mini iPhone SE/iPhone 11 Pro Max/11 Pro/11/XS/ XS Max/XR/X/8/8 Plus/7/7 Plus/ 6s/6s Plus/6/6 Plus/5s	iPhone 14 Pro Max iPhone 14 Pro iPhone 14 Plus iPhone 14
Samsung Galaxy S21/S10 E / S10 / S S10+/S9 / S9+ / S8 / S S8+/Ss20/Sa50s/Note 20 Ultra/Note 9 / Note 8 / A8s/A12/A71/A 52/M51	A9S
Hua Wei P40/40Pro/P30/P30 Pro/P20/P20 Pro/Mate 20X/Mate 10/Mate 20P/20X	Mate 20
Xiao Mi 11/11pro/10/9/8/Redmi Note 10pro/10/9/8pro/One plus 7 pro/6/5/5T	One plus 6t One plus 7
<p style="text-align: center;"><b>If you would like to know more about the compatible phone models, please contact us before you buy it.</b></p>	
 <p style="text-align: center;"><b>If main camera near phone edge, please align to the center of top circular hole</b></p>	 <p style="text-align: center;"><b>If distance between edge and the top circular hole is not enough, please align the bottom circular hole with native main camera</b></p>

Image: Steps for using the Apixel lens, showing alignment, tightening, and dual adjustments for zoom and focus, with a before and after example of an eagle.

## 4.2 Capturing Images and Videos

1. **Open Camera App:** Launch your smartphone's camera application.
2. **Adjust Zoom and Focus:** Use the lens's zoom and focus rings to frame and sharpen your subject.
3. **Eliminate Dark Corners:** If dark corners appear, slightly enlarge the image on your phone screen by pinching out. Ensure the lens is perfectly aligned with your phone's camera.
4. **Use Remote Shutter (if included):** Pair the Bluetooth remote shutter with your phone for hands-free operation, reducing camera shake.
5. **Capture:** Press the shutter button on your phone or the remote to take a photo or start recording a video.



Prise de vue par: iphone XS Max + objectif zoom 20-40X

Distance de prise de vue : 1371 m

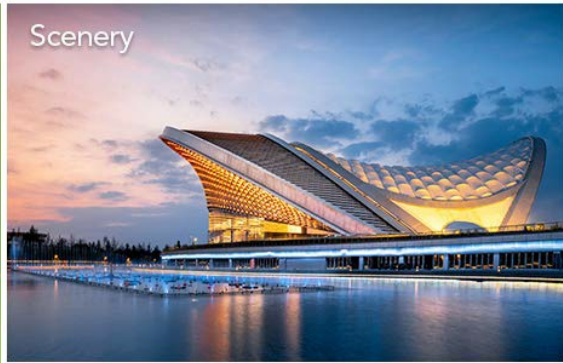
Couleurs nettes, degré élevé de réduction, coucher de soleil clairement visible

Image: A comparison demonstrating the visual difference between 40X zoom, 20X zoom, and the original unzoomed view of a distant sunset scene, highlighting the lens's magnification capability.

Animal Shooting



Scenery



Match



Concerts



Image: Examples of suitable usage scenarios for the Apexel telephoto lens, including animal observation, landscape photography, sports matches, and concerts.

## 5. MAINTENANCE

Proper care will extend the life and performance of your lens:

- **Cleaning the Lens:** Use the provided cleaning cloth or a soft, lint-free microfiber cloth to gently wipe the lens surfaces. For stubborn smudges, use a small amount of lens cleaning solution applied to the cloth, not directly to the lens.
- **Storage:** When not in use, store the lens in its EVA carrying bag to protect it from dust, scratches, and impacts. Keep it in a dry, cool place.
- **Avoid Extreme Conditions:** Do not expose the lens to extreme temperatures, humidity, or direct sunlight for prolonged periods.
- **Handle with Care:** Avoid dropping the lens or subjecting it to strong impacts, as this can damage the optical elements.

## 6. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

- **Blurry Images:**

- Ensure the focus ring is properly adjusted for your subject.
- Verify the lens is clean and free of smudges.
- Use the tripod for stability, especially at higher zoom levels.
- Ensure sufficient lighting for your subject.

- **Dark Corners / Vignetting:**

- The lens may not be perfectly aligned with your phone's main camera. Re-align carefully.
- Slightly zoom in on your phone's screen to crop out the dark edges.

- **Lens Not Attaching Securely:**

- Ensure the phone clip is tightened firmly but not excessively.
- Verify your phone model is compatible with the universal clip design.

- **Remote Shutter Not Connecting:**

- Ensure the remote's battery is charged or replaced.
- Check your phone's Bluetooth settings to ensure it's enabled and attempting to pair.
- Follow the remote's specific pairing instructions.

## 7. SPECIFICATIONS

<b>Brand</b>	Apexel
<b>Model Name</b>	APL-20-40X
<b>Zoom Ratio</b>	20-40X (40x maximum)
<b>Lens Type</b>	Telephoto Zoom Lens
<b>Focus Type</b>	Manual Focus
<b>Lens Coating</b>	HD Coating (Multi-layer green coating)
<b>Image Stabilization</b>	No (Relies on tripod for stability)
<b>Compatible Devices</b>	Smartphones (iPhone, Samsung, Huawei, LG, HTC, OnePlus, iPad, etc.)

### 7.1 Phone Compatibility

The universal clip is designed to fit most smartphones. Ensure the distance between your phone's edge and its main camera is within 1.22 inches (approximately 3.1 cm) for optimal fit. If your phone has multiple cameras, align the lens with the primary camera.

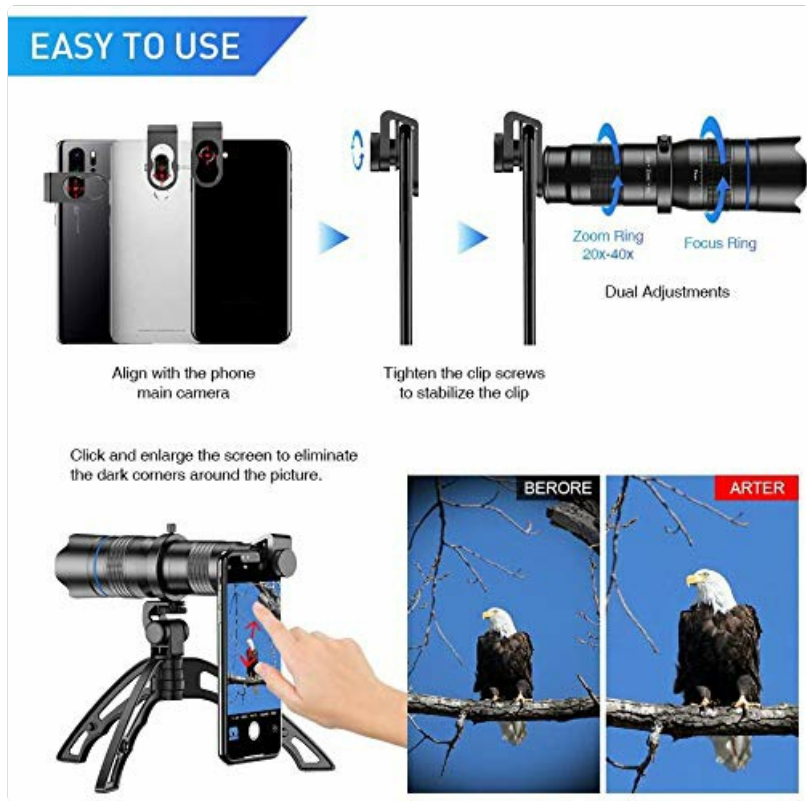


Image: A chart detailing compatible and incompatible phone models, along with a diagram illustrating the maximum distance between the phone edge and the main camera for proper lens attachment.

## 8. WARRANTY & SUPPORT

### 8.1 Warranty Information

Apexel products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your product or visit the official Apexel website. The warranty typically covers manufacturing defects under normal use.

### 8.2 Customer Support

If you have any questions, require technical assistance, or experience issues not covered in this manual, please contact Apexel customer support through the retailer where you purchased the product or via the contact information provided on the official Apexel website.