CamFi CamFi 3 Plus

CamFi 3 Plus DSLR Wireless Camera Remote Controller Instruction Manual

Model: CamFi 3 Plus

Introduction   **Setup**   **Operation**   **Features**   **Compatibility**   **Specifications**   **FAQ**   **Support**

1. INTRODUCTION

The CamFi 3 Plus is a wireless camera remote controller designed to enhance your photography workflow. It enables high-speed capture and transmission of images, offering remote control over camera settings such as aperture, shutter speed, and ISO. This device supports both Wi-Fi and 4G connectivity, providing flexibility for various shooting environments. Advanced features like live view, touch focus, focus stacking, and exposure bracketing are integrated to assist photographers in achieving precise results.

Figure 1: Front view of the CamFi 3 Plus Wireless Camera Remote Controller.

2. SETUP

2.1 Unboxing and Components

Upon opening the package, verify that all components are present:

- CamFi 3 Plus device
- Quick Start Guide
- USB cables for camera connection
- Mounting accessories (e.g., cold shoe mount, L-bracket)
- Hex key for assembly

Figure 2: Contents of the CamFi 3 Plus package.

2.2 Hardware Installation Steps

Follow these steps to install the CamFi 3 Plus onto your camera:

1. **Attach the Mounting Bracket**: Secure the provided mounting bracket to the CamFi 3 Plus device using the hex key.
2. **Insert Battery**: The CamFi 3 Plus uses an LP-E6 compatible battery (not included). Insert a charged LP-E6 battery into the designated slot on the back of the device. Ensure it clicks into place.
3. **Mount to Camera**: Attach the CamFi 3 Plus, with the battery inserted, to your camera's hot shoe or a compatible L-bracket.
4. **Connect USB Cable**: Use the appropriate USB cable to connect the CamFi 3 Plus to your camera's USB port.

Ensure a secure connection.

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Video 1: Detailed steps for installing the CamFi 3 Plus hardware onto a camera. This video demonstrates attaching the mounting bracket, inserting the battery, and connecting the device to the camera via USB.

Figure 3: CamFi 3 Plus mounted on a camera, showing the top view.

Figure 4: CamFi 3 Plus mounted on a camera, showing the side view.

3. OPERATION

3.1 Wireless Tethering and Remote Control

The CamFi 3 Plus allows for wireless tethering and remote control of your camera via a client device (smartphone, tablet, or computer). This improves workflow by enabling instant review and adjustment of photos.

- **Connect to Client Device**: Establish a Wi-Fi connection between the CamFi 3 Plus and your client device.
- **Remote Live View**: Utilize the CamFi app or compatible software (e.g., Capture One, Lightroom) to view a live feed from your camera.
- **Adjust Camera Settings**: Remotely control aperture, shutter speed, ISO, and other camera parameters.
- **Touch Focus**: Tap on the client device screen to set focus points.
- **Capture Images**: Trigger the camera shutter directly from your client device.
- **Instant Photo Review**: Photos taken are immediately transferred to your client device for review, eliminating the need to frequently remove the camera's SD card.

Figure 5: Remote capture and wireless transfer in action, showing a photographer controlling a camera via a tablet.

Figure 6: Wireless tethering with professional software like Capture One and Lightroom.

3.2 High-Speed Data Transfer

The CamFi 3 Plus supports USB 3.0, allowing for fast transfer speeds of up to 15 MB/s, which is beneficial for transferring large RAW files quickly.

Figure 7: Illustration of the CamFi 3 Plus's ultrafast transfer speeds.

3.3 4G LTE Dongle Support

For outdoor or remote locations without Wi-Fi, the CamFi 3 Plus supports a 4G LTE dongle (sold separately). This enables immediate transmission of photos to editors or cloud services via the LTE network, enhancing productivity for events, news, and sports photography.

Figure 8: CamFi 3 Plus with an attached 4G LTE dongle for remote network access.

3.4 Embedded SD Card Reader

The device features an embedded SD card reader, providing a double backup solution while tethering. It also allows for sending photos to a server even when the camera is powered off. This feature extends to older Sony cameras (e.g., a7, a7r ii), enabling them to save photos to the SD card during tethered shooting.

Figure 9: The embedded SD card reader for backup and remote transfer.

4. ADVANCED FEATURES

The CamFi 3 Plus offers several advanced features through its dedicated application:

- **Focus Stacking**: Capture multiple images at different focus points to create a single image with extended depth of field. This is particularly useful for macro and product photography.
- **Exposure Bracketing**: Automatically capture a series of photos at different exposure levels to ensure optimal exposure in challenging lighting conditions.
- **Time Lapse**: Program the camera to take photos at set intervals for time-lapse photography.
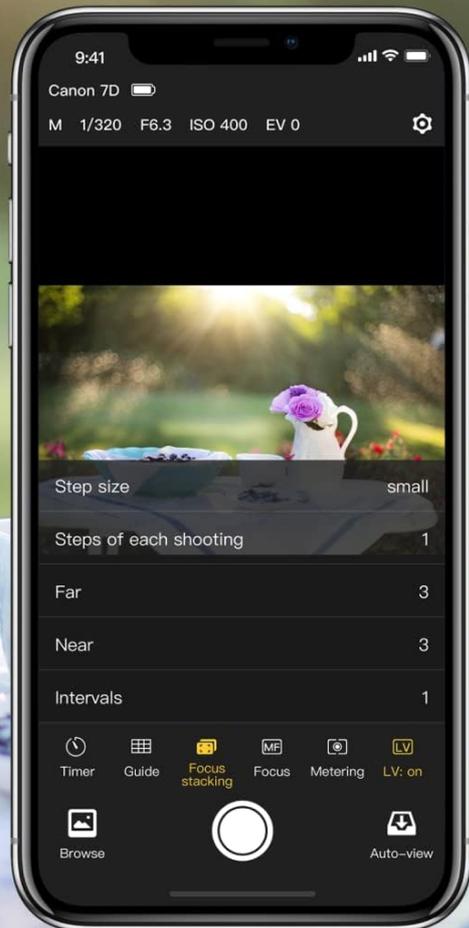- **Hyperlapse**: Combine focus stacking with motion for advanced time-lapse sequences.

Figure 10: CamFi app displaying advanced photography features.

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Video 2: Overview of the CamFi 3 Plus DSLR Wireless Camera Remote Controller, highlighting its features including remote control, high-speed transfer, and advanced photography functions like focus stacking.

5. COMPATIBILITY

The CamFi 3 Plus is designed to be compatible with a wide range of DSLR and mirrorless cameras that support USB tethering. It supports over 500 camera models from major brands including Canon, Nikon, Sony, Fuji, Pentax, Hasselblad, and Phase One.

Supported client devices include:

- Smartphones (iOS, Android)
- Tablets (iPad, Android Pad)
- Computers (Windows, Mac)

Figure 11: The CamFi 3 Plus supports over 500 camera models from various manufacturers.

6. SPECIFICATIONS

Feature	Detail
Model	CamFi 3 Plus
Dimensions (L x W x H)	4.25 x 2.87 x 0.94 inches (108 x 73 x 24 mm)
Weight	5.4 ounces (152 g)
Wi-Fi Standard	5.8GHz, 802.11ac
Wi-Fi Range (AP Mode)	Up to 50 meters (range in Bridge Mode depends on router)
Battery Compatibility	LP-E6 series (replaceable, works for 3-4 hours)
Power Input	USB-Type C, DC 5V/2A
Client Software	Windows, Mac, iOS, Android
Max Supported Devices	3
Special Feature	Ergonomic design
Color	Gray

Figure 12: Visual representation of CamFi 3 Plus specifications and dimensions.

7. FREQUENTLY ASKED QUESTIONS (FAQ)
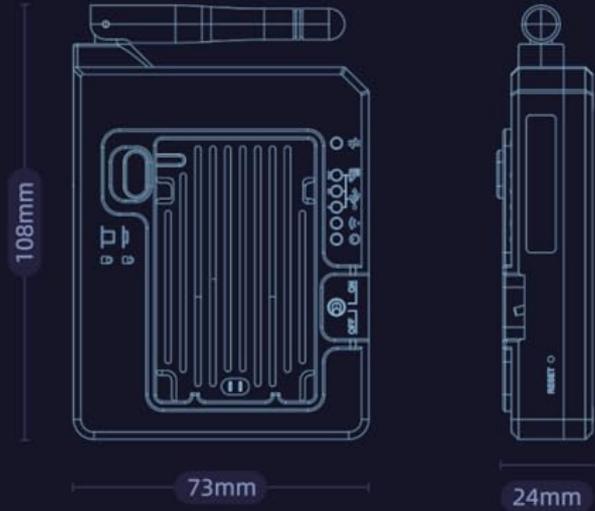
Q: Does the product package contain a battery? Can the battery be charged directly via CamFi 3?
A: The battery is not included in the package of CamFi 3 Plus. CamFi 3 Plus supports an LP-E6 battery. Users of Canon 5d 3, EOS R5, R6 can use the battery kit of the camera. CamFi 3 Plus does not support charging the battery directly. Please use the charger in the battery kit to charge the battery.

Q: What is the transmission distance? Can it support long-distance wireless transmission?
A: As a hotspot AP, the transmission distance is about 50 meters. Beyond this distance, we recommend bridging to a wireless router. If the network of the wireless router can cover, the data can be transmitted easily. CamFi 3 Plus also supports a 4G USB network dongle, which can be used for remote transmission via FTP wherever there is a mobile network.

Q: When to use the embedded SD card reader?
A: We recommend using the embedded SD card when using Sony or Fuji cameras to ensure data security when shooting. It would be better to use an SD card reader when you're using an LTE network to remote transfer the photos.

Q: Which models of 4G network dongle are supported?
A: ZTE MF79U.

Figure 13: Frequently Asked Questions about the CamFi 3 Plus.

8. TROUBLESHOOTING

If you encounter issues with your CamFi 3 Plus, consider the following common troubleshooting steps:

- **Connection Issues**: Ensure the CamFi 3 Plus is powered on and the Wi-Fi indicator is active. Verify that your client device is connected to the correct Wi-Fi network provided by the CamFi 3 Plus.
- **Camera Not Recognized**: Check that the USB cable is securely connected to both the CamFi 3 Plus and your camera. Ensure your camera's settings are configured for USB tethering or PC remote control.
- **Slow Transfer Speeds**: Confirm you are using a USB 3.0 compatible cable and port. For optimal speed, ensure minimal interference in your Wi-Fi environment.
- **Battery Life**: If the device is not powering on or has short operating times, ensure the LP-E6 battery is fully charged.
- **Software Compatibility**: Verify that your CamFi app or tethering software is up to date and compatible with your operating system and camera model.

9. MAINTENANCE

To ensure the longevity and optimal performance of your CamFi 3 Plus, follow these maintenance guidelines:

- **Cleaning**: Use a soft, dry cloth to clean the device. Avoid using harsh chemicals or abrasive materials.
- **Storage**: Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care**: When not in use for extended periods, remove the battery. Store batteries in a cool, dry place and recharge them periodically to maintain their health.
- **Firmware Updates**: Regularly check the official CamFi website for any available firmware updates to ensure the device has the latest features and bug fixes.
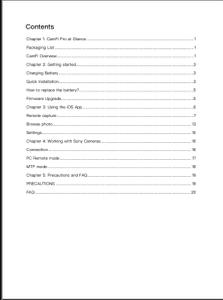
10. SUPPORT AND WARRANTY

For technical assistance, product inquiries, or warranty information, please contact CamFi Limited directly. Refer to the official CamFi website for the most current support contact details and warranty policies.

Official Website: www.cam-fi.com

Product UPC: 6970695370112

Protection plans are available for purchase separately to extend coverage beyond the standard manufacturer's warranty. Details on these plans can be found where the product was purchased.

Related Documents - CamFi 3 Plus

	CamFi 3 Remote Camera Controller User Manual This user manual provides comprehensive instructions for the CamFi 3 Wireless Camera Controller, covering setup, features, app usage, compatibility with Sony and Pentax cameras, integration with Capture One and Lightroom, and troubleshooting tips.
	CamFi Pro Plus: Wireless Camera Tethering and Remote Control Guide Comprehensive guide to using the CamFi Pro Plus for wireless camera tethering, remote control, and photo transfer. Covers setup, app usage, Sony and Pentax camera integration, and troubleshooting.
	CamFi Pro User Manual and Guide Comprehensive guide to using the CamFi Pro for wireless camera control, including setup, app usage, features like remote capture, time-lapse, video, and PC/Sony camera integration. Covers troubleshooting and FAQs.
	CamFi 3 Remote Camera Controller User Manual This user manual provides comprehensive instructions for the CamFi 3 Wireless Camera Controller, covering setup, features, app usage, compatibility with Sony and Pentax cameras, integration with Capture One and Lightroom, and troubleshooting tips.

[CamFi Pro Plus: Wireless Camera Tethering and Remote Control Guide](#)

Comprehensive guide to using the CamFi Pro Plus for wireless camera tethering, remote control, and photo transfer. Covers setup, app usage, Sony and Pentax camera integration, and troubleshooting.

[Nikon Quickstart Guide: Mastering Event Photography](#)

Learn essential tips and techniques for capturing stunning event and party photos with this Nikon Quickstart cheat sheet. Discover advice on composition, lighting, candid shots, and recommended NIKKOR lenses.