

MINGYY WH117A

MINGYY WH117A Security Camera Photo Frame User Manual

Model: WH117A

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MINGYY WH117A Security Camera Photo Frame. This device combines a functional photo frame with a discreet 1080P HD indoor security camera, allowing for real-time monitoring and recording without drawing attention. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

Important Note: This camera model does not support audio recording.



Figure 1.1: MINGYY WH117A Security Camera Photo Frame Overview. This image highlights the dual functionality of the

device as both a photo frame and a security camera, showcasing its key features.

2. PRODUCT FEATURES

- **1080P HD Video:** Captures clear and crisp video footage with a 5-layer high-resolution lens and 1920*1080P HD resolution pixels.
- **Wi-Fi Connectivity:** Connects to your home's 2.4GHz or 5GHz Wi-Fi network via the Tuya Smart APP for real-time remote viewing and control.
- **Motion Detection:** Sends alarm notifications to your phone upon detecting movement, allowing for immediate review of events.
- **Loop Recording:** Supports 8-64GB micro SD cards (not included). When the card is full, new recordings automatically overwrite the oldest files.
- **Dual Power Modes:** Features a built-in rechargeable battery providing approximately 4 hours of operation, or can be continuously powered via a USB connection for 24/7 recording.
- **Discreet Design:** Functions as a stylish black photo frame that holds 7-inch photos, blending seamlessly into home or office environments.
- **Versatile Use:** Ideal for home security, monitoring children or pets, or office surveillance.

3. WHAT'S IN THE BOX

Please check the package contents upon unboxing:

- MINGYY WH117A Security Camera Photo Frame
- USB Charging Cable
- User Manual (this document)

Note: A micro SD card (8-64GB) is required for local recording and is not included.

4. PRODUCT SPECIFICATIONS

Model Number	WH117A
Video Resolution	1080P HD (1920x1080)
Connectivity	Wi-Fi (2.4GHz & 5GHz)
Storage	Micro SD Card (8-64GB, not included)
Power Source	Rechargeable Lithium Ion Battery (approx. 4 hours) / USB Power
Dimensions (L x W x H)	7.1 x 0.6 x 9.1 inches
Weight	12.3 ounces
Indoor/Outdoor Usage	Indoor
Night Vision Range	6.5 Feet
Audio	No Audio Recording

5. SETUP GUIDE

5.1 Charging the Device

Before initial use, fully charge the camera. Connect the provided USB charging cable to the USB charging head on the device and plug it into a standard USB power adapter (not included) or a computer USB port.

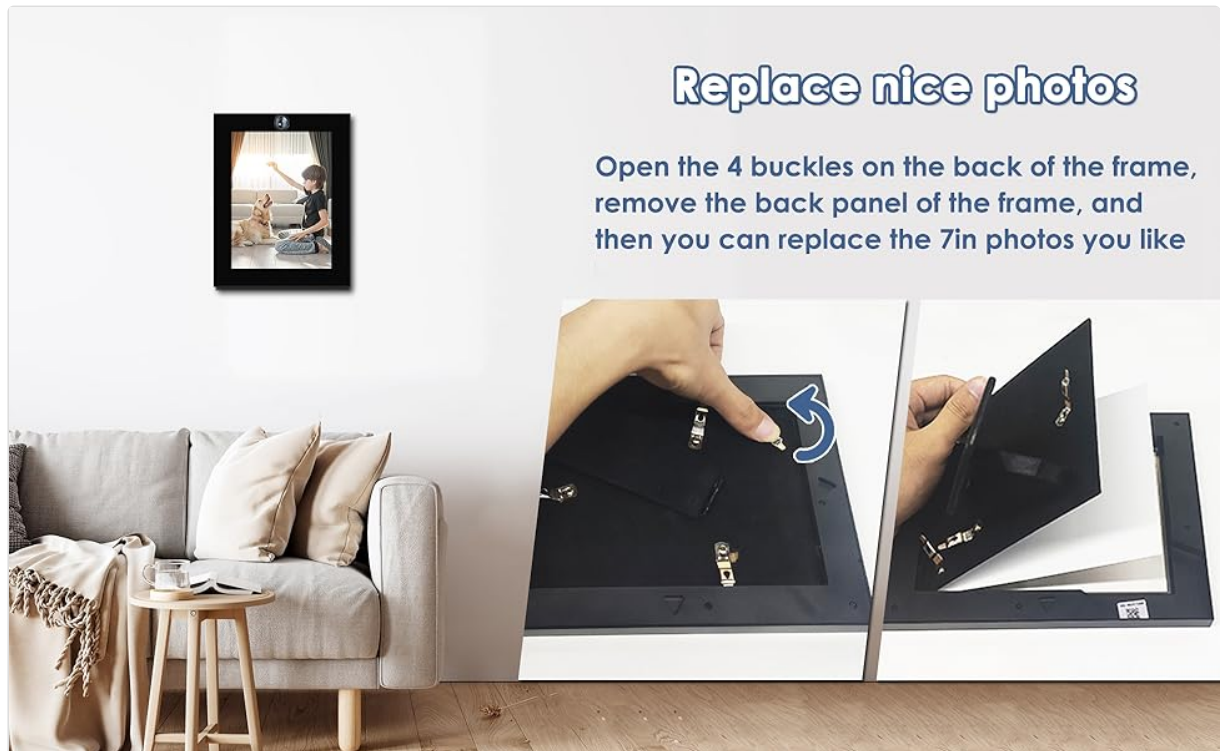


Figure 5.1: Charging the MINGYY WH117A Security Camera Photo Frame. This image displays the photo frame with a charging cable connected, illustrating the charging process and battery status.

A full charge typically takes approximately 4 hours and provides about 4 hours of battery life. For continuous operation, keep the device plugged into a power source.

5.2 Inserting a Micro SD Card

To enable local video recording, insert a micro SD card (8-64GB, Class 10 or higher recommended) into the designated slot. Ensure the camera is powered off before inserting or removing the card.

How to Use this Camera



Figure 5.2: Location of the Micro SD Card Slot and USB Charging Head. This image highlights the back panel of the photo frame, pointing out the micro SD card slot, USB charging port, and reset button.

The micro SD card slot is located on the side or back of the frame. Gently push the card until it clicks into place.

5.3 Downloading the Tuya Smart APP

Download the "Tuya Smart" application from your smartphone's app store (App Store for iOS or Google Play Store for Android). Install the app and create an account if you don't already have one.

5.4 Connecting to Wi-Fi

1. Power on the camera.
2. Open the Tuya Smart APP on your smartphone.
3. Follow the in-app instructions to add a new device. Select "Security & Video Surveillance" and then "Smart Camera" or a similar option.
4. Ensure your phone is connected to a 2.4GHz or 5GHz Wi-Fi network. The camera supports both bands.
5. The app will guide you through connecting the camera to your Wi-Fi network. This usually involves scanning a QR code displayed on your phone with the camera lens or entering Wi-Fi credentials manually.
6. Once connected, the camera will appear in your device list within the Tuya Smart APP, allowing for real-time viewing.



Figure 5.3: Initial Setup Steps. This image illustrates the process of connecting the camera to power, inserting the micro SD card, and downloading the Tuya Smart APP for Wi-Fi connection.

6. OPERATING INSTRUCTIONS

6.1 Real-Time Monitoring

Once connected to the Tuya Smart APP, you can access the live video feed from your camera at any time, from anywhere with an internet connection. Open the app and select your camera from the device list to view the real-time stream.



Figure 6.1: Real-Time Monitoring via the App. This image shows a user viewing live camera footage on a smartphone, alongside examples of what can be monitored, such as family members or pets.

6.2 Motion Detection and Alerts

The camera is equipped with motion detection capabilities. When motion is detected, the camera will send an alarm notification to your smartphone via the Tuya Smart APP. You can then open the app to view the live feed or review recorded footage of the event.

To configure motion detection sensitivity and notification settings, navigate to the camera settings within the Tuya Smart APP.

1080P **720P**

Connect the camera to your home 2.4GHz network or 5GHz network in the APP to view in real-time

Real-Time Monitor

High-Definition

Our lens element uses a HD five-layer glass lens and a 2-megapixel sensor, which can see the picture more clearly and restore the true color

Motion Detection

When someone moves, you will be notified. When you are free, go to the playback and find the time of the reminder to check what happened.

Figure 6.2: High-Definition and Motion Detection Features. This image highlights the camera's 1080P HD resolution, the ability to monitor in real-time via a smartphone, and how motion detection triggers alerts.

6.3 Loop Recording

With a micro SD card inserted, the camera will automatically record video footage. When the storage on the micro SD card is full, the loop recording function ensures that the newest files overwrite the oldest files, allowing for continuous recording without manual intervention.

You can access recorded videos through the playback function in the Tuya Smart APP.

6.4 Replacing Photos in the Frame

The photo frame is designed to hold 7-inch photos. To replace the photo:

1. Carefully open the four buckles on the back of the frame.
2. Remove the back panel of the frame.
3. Replace the existing photo with your desired 7-inch photo.
4. Securely reattach the back panel and close the buckles.

How to Use this Camera



Figure 6.3: Replacing Photos. This image illustrates the steps to open the frame's back panel and insert a new 7-inch photo.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and the frame. Avoid using liquid cleaners or abrasive materials.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. If storing the device for an extended period, charge it to about 50% and recharge every few months.
- **Software Updates:** Periodically check the Tuya Smart APP for any available firmware updates for your camera to ensure optimal performance and security.
- **Placement:** Place the camera in a stable indoor location, away from direct sunlight, extreme temperatures, and high humidity.

8. TROUBLESHOOTING

8.1 Camera Not Connecting to Wi-Fi

- Ensure your Wi-Fi network is 2.4GHz or 5GHz. The camera supports both.
- Check that your Wi-Fi password is entered correctly in the Tuya Smart APP.
- Place the camera closer to your Wi-Fi router to ensure a strong signal.
- Restart your Wi-Fi router and the camera.
- If issues persist, try resetting the camera using the reset button (refer to Figure 5.2 for location) and attempt the setup process again.

8.2 No Video Recording

- Ensure a micro SD card (8-64GB) is properly inserted into the slot.
- Check if the micro SD card is full. With loop recording enabled, older files should be overwritten. If not, format the card via the app settings (this will erase all data).

- Verify that the micro SD card is not faulty. Try using a different, known-good micro SD card.

8.3 Short Battery Life

- Ensure the camera is fully charged before use.
- Continuous live viewing or frequent motion detection events can drain the battery faster.
- For extended use, keep the camera connected to a power source via the USB charging cable.

8.4 No Audio Recording

- This camera model is designed without audio recording capabilities. This is a product feature, not a malfunction.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact MINGYY customer service through the retailer where the product was purchased. Please have your model number (WH117A) and purchase date ready when contacting support.