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> Tccbac 4K WiFi Clock Video Camera User Manual (Model TC-SP06)

Tccbac TC-SP06

Tccbac 4K WiFi Clock Video Camera User Manual

Model: TC-SP06

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Tccbac 4K WiFi Clock Video Camera (Model TC-SP06). Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

Safety Information

- Ensure the device is used in accordance with all local laws and regulations.
- Do not expose the device to extreme temperatures, humidity, or direct sunlight.
- Use only the provided power cable and adapter.
- Keep the device away from water and other liquids.
- This product contains a working status indicator light. It is strictly prohibited to use it for illegal surveillance.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Tccbac 4K WiFi Clock Video Camera
- 1 x Type-C Power Cord
- 1 x Quick Instruction Manual
- 1 x 9V Battery (pre-installed or included separately)

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your clock camera.



Figure 3.1: Front view of the Tccbac 4K WiFi Clock Video Camera, highlighting the digital display and the discreet camera lens.

- **Digital Display:** Shows time, alarm, and temperature.
- **Control Buttons:** Located on top for setting time, alarm, and other clock functions.
- **Hidden Camera Lens:** Discreetly integrated into the front panel.
- **Micro SD Card Slot:** For local video storage (supports up to 256GB, card not included).
- **Type-C Power Port:** For charging and continuous power.
- **Reset Button:** Small pinhole button for factory reset.

4. SETUP

4.1 Charging the Device

1. Connect the provided Type-C power cord to the camera's power port.
2. Plug the other end of the cable into a standard USB power adapter (not always included, but typically a phone charger works) or a computer's USB port.
3. The device will indicate charging status (e.g., an LED indicator). Ensure it is fully charged before first use for optimal battery life.

4.2 Inserting a Micro SD Card

A Micro SD card (up to 256GB, not included) is required for local video recording.

1. Locate the Micro SD card slot on the side or back of the device.
2. Gently insert the Micro SD card with the gold contacts facing down until it clicks into place.
3. To remove, press the card in again until it springs out.



Figure 4.2: Correct insertion of a Micro SD card.

4.3 App Installation

The camera is controlled via a mobile application. Refer to the quick instruction manual for the specific app name and QR code, or search for it on your device's app store.

1. Download the designated app from the Apple App Store (for iOS) or Google Play Store (for Android).
2. Install the app and create an account if prompted.

4.4 Wi-Fi Connection

Connect the camera to your home Wi-Fi network for remote access.

1. Power on the clock camera.
2. Open the installed app on your smartphone.
3. Follow the in-app instructions to add a new device. This usually involves scanning a QR code on the camera or connecting to the camera's temporary Wi-Fi hotspot.
4. Select your home 2.4GHz or 5GHz Wi-Fi network and enter the password.
5. Once connected, the camera will be accessible through the app.

Advanced Night Vision

Clear black-and-white footage up to
26 feet in complete darkness



Figure 4.4: Remote viewing of the camera feed via the mobile application.

5. OPERATING INSTRUCTIONS

5.1 Basic Clock Functions

Use the physical buttons on top of the device to set the time and alarm. Refer to the quick instruction manual for specific button functions.

- **Time Setting:** Press the 'M' button to enter time setting mode, then use '+' and '-' buttons to adjust.
- **Alarm Setting:** Press the 'ALM' button to set the alarm time.
- **Temperature Display:** The clock automatically displays the ambient temperature.

5.2 Live View

Access the live video feed from your camera anytime, anywhere via the mobile app.

1. Open the app and select your camera from the device list.

2. The live video stream will appear. You can typically switch between resolutions (e.g., 4K, 1080p) within the app settings.



Figure 5.2: Live streaming functionality through the mobile app.

5.3 Recording

The camera supports continuous recording and motion-activated recording to the Micro SD card.

- **Continuous Recording:** If a Micro SD card is inserted, the camera will continuously record footage, overwriting the oldest files when the card is full. This setting can usually be enabled/disabled in the app.
- **Motion-Activated Recording:** When motion is detected, the camera will automatically start recording. This feature conserves storage space and battery life.

Remote View

Support 5GHz wifi

Live stream from anywhere



Figure 5.3: Motion detection in action, triggering alerts and recording.

5.4 Night Vision

The camera is equipped with infrared LEDs for clear black-and-white footage in low-light conditions.

- Night vision activates automatically in dark environments.
- It provides visibility up to 26 feet (8 meters).

Wide Angle View 150°



Figure 5.4: Example of night vision footage from the camera.

5.5 Remote Access and Sharing

Once connected to Wi-Fi, you can access the camera feed from anywhere with an internet connection. The app also allows sharing camera access with other users.

- **Remote Viewing:** Open the app on your iOS or Android device to view live footage or recorded playback.
- **Sharing:** Use the app's sharing function to invite family members or colleagues to view the camera feed.

6. MAINTENANCE

6.1 Cleaning

- Wipe the device with a soft, dry cloth.
- Do not use liquid cleaners or abrasive materials.
- Gently clean the camera lens with a lens cleaning cloth if necessary.

6.2 Storage

- Store the device in a cool, dry place when not in use.
- Avoid storing in direct sunlight or areas with high humidity.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password; camera too far from router; network interference.	<ul style="list-style-type: none">• Verify Wi-Fi password.• Move the camera closer to the Wi-Fi router.• Ensure your router is broadcasting a 2.4GHz or 5GHz signal.• Restart the camera and router.• Perform a factory reset on the camera and try connecting again.
No video recording	No Micro SD card; Micro SD card full or corrupted; recording settings disabled.	<ul style="list-style-type: none">• Insert a compatible Micro SD card (up to 256GB).• Format the Micro SD card via the app settings.• Check recording settings in the app to ensure continuous or motion-activated recording is enabled.
Poor video quality	Low network bandwidth; dirty lens; low light conditions (if not in night vision).	<ul style="list-style-type: none">• Ensure a stable Wi-Fi connection.• Clean the camera lens.• Check app settings for resolution options (e.g., select 4K if available).
Motion detection not working	Motion detection sensitivity too low; feature disabled in app.	<ul style="list-style-type: none">• Adjust motion detection sensitivity in the app.• Ensure motion detection is enabled in the app settings.
Device not powering on	Battery depleted; faulty power cable/adaptor.	<ul style="list-style-type: none">• Connect to power and allow sufficient charging time.• Try a different Type-C cable and USB power adapter.

8. SPECIFICATIONS

Feature	Detail
Model Number	TC-SP06
Video Capture Resolution	4K (Effective Video Resolution: 4000)
Viewing Angle	150 Degrees
Night Vision Range	Up to 26 Feet (8 meters)
Connectivity Protocol	Wi-Fi (2.4GHz & 5GHz)
Local Storage	Micro SD Card, up to 256GB (not included)
Power Source	Battery Powered (1 x 9V battery included), AC (5V)
Compatible Devices	iOS, Android
Motion Detection	Yes, with instant alerts
Indoor/Outdoor Usage	Indoor
Dimensions (L x W x H)	6.5 x 3.5 x 2.5 inches
Item Weight	8 ounces
Water Resistance Level	Water Resistant (Note: Designed for indoor use, avoid direct water exposure)

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided with your purchase or visit the official Tccbac website. Keep your purchase receipt as proof of purchase.

If you encounter any issues not covered in this manual, please contact customer support for assistance.

