

realhide CB54

realhide CB54 2K UHD Wireless Outdoor Security Camera Instruction Manual

Model: CB54 | Brand: realhide

INTRODUCTION

Thank you for choosing the realhide CB54 2K UHD Wireless Outdoor Security Camera. This manual provides essential information for setting up, operating, and maintaining your device. Please read it thoroughly before use to ensure optimal performance and safety. This camera offers advanced features including 2K UHD video, full-color night vision, dual-band Wi-Fi connectivity, and a long-lasting battery, designed for reliable indoor and outdoor surveillance.

WHAT'S IN THE BOX

- Camera Body
- Charging Cable
- Instruction Manual
- Stand
- Mounting Screw

PRODUCT OVERVIEW

The realhide CB54 camera is designed for versatility and durability. It features a compact, black cube form factor made from Acrylonitrile Butadiene Styrene (ABS) material, ensuring IP66 weatherproof protection against various environmental conditions like heavy rain, snow, heat, humidity, and dust. The camera is battery-powered, offering up to 6 months of life depending on detection frequency, and supports both 2.4GHz and 5GHz Wi-Fi for stable connectivity.



Figure 1: The realhide CB54 camera demonstrating its IP66 weatherproof rating during rainfall.



Figure 2: Exploded view of the camera lens highlighting 2K video quality, with examples of clear day and night footage.

SETUP

1. App Download

Download the **O-KAM Pro** app from the App Store (iOS) or Google Play (Android). You can scan the QR code provided in the included instruction manual for direct access.

2. Camera Charging

Before initial use, fully charge your camera using the provided USB-C charging cable. The charging port is located under a protective rubber cover on the camera body. A red indicator light will illuminate during charging and turn off when fully charged.

3. Mounting

Attach the camera to the adjustable wall mount using the screw thread on the back of the camera. Secure the mount to your desired indoor or outdoor location using the provided mounting screws. Ensure the camera is positioned to cover the desired surveillance area.



Figure 3: Illustrates the simple screw-in installation process of the camera mount.

4. Connecting to Wi-Fi

Power on the camera. Follow the in-app instructions to connect your camera to your home Wi-Fi network. The CB54 supports both 2.4GHz and 5GHz Wi-Fi bands for a fast and stable connection.

Supports **2.4GHz** and **5GHz** Faster, Stronger, Farther



Figure 4: The camera's dual-band Wi-Fi capability ensures a strong and reliable connection.

OPERATING INSTRUCTIONS

1. Live View

Access the O-KAM Pro app to view live 2K UHD video footage from your camera at any time. The app provides a clear and smooth real-time feed.

2. Motion Detection

The camera features advanced motion detection that identifies people and activity. You will receive instant notifications on your smartphone when motion is detected. You can customize activity zones within the app to focus on specific areas and reduce false alerts.



Figure 5: Motion detection in action, showing real-time alerts and deterrent features.

3. Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. Speak to visitors or deter unwanted guests directly through the app.

4. Siren

Activate the integrated siren from the app to scare away intruders or draw attention to an event.

5. Night Vision Settings

The camera offers multiple night vision modes:

- **Black and White Night Vision:** Standard infrared vision for high concealment.
- **Full-Color Night Vision:** Uses an upgraded built-in spotlight to provide vibrant, full-color images in low light.
- **Smart Night Vision:** Automatically turns on the spotlight for full-color vision when motion is detected.
- **Starlight Night Vision:** Provides clear images in extremely low light conditions without needing a spotlight.

6. Recording & Storage

The CB54 offers flexible storage options:

- **Free Rolling Cloud Storage:** Provides 3 days of loop recording for motion-triggered events without a subscription.
- **Local SD Card Storage:** Supports up to 256GB SD card (not included) for continuous recording or extended event storage. Recordings are secure even if Wi-Fi is lost.

Two storage modes are available
No subscription fee

Cloud
Lifetime Free
3-Day Auto Loop Recording

Up to 256GB storage
(SD card not included)

Figure 6: Dual storage options for flexible and reliable video backup.

1. Battery Charging

The high-capacity rechargeable battery provides up to 6 months of power (varies by detection activity). Recharge the camera when the battery level is low. A full charge typically takes about 3 hours.

180-day ultra-long battery life

*Battery life of up to 180 days is based on real-life laboratory testing triggering 10-20 events per day. Actual battery life may vary based on device settings, use, and environmental factors.


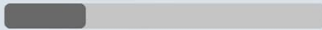
OURS 
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Figure 7: The camera's 5200mAh battery offers extended operation between charges.

2. Cleaning

Wipe the camera lens and body with a soft, damp cloth to remove dust and debris. Do not use harsh chemicals or abrasive materials.

TROUBLESHOOTING

- **Connection Issues:** Ensure your Wi-Fi network is stable and the camera is within range. Try resetting the camera using the reset button located under the protective cover.
- **Battery Life:** Battery life can vary based on the number of motion detections and live view usage. Reduce detection sensitivity or frequency if battery drains quickly.
- **Image Quality:** Ensure the lens is clean. Check your app settings for resolution options (HD for best

quality).

- **Notifications:** Verify app notification settings on your smartphone are enabled for O-KAM Pro.

SPECIFICATIONS

Feature	Detail
Brand	realhide
Model Name	CB54
Connectivity Technology	Wireless (2.4GHz & 5GHz Wi-Fi)
Video Resolution	2K UHD (2000 Pixels Effective Still Resolution)
Special Features	2-Way Audio, Full-Color Night Vision, Free Cloud Storage, Local SD Card Support (up to 256GB), 1-6 Months Battery Life, IP66 Weatherproof, Motion Detection with Instant Phone Alerts
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	Battery Powered (50 Watt-hours, 5 Volts)
Night Vision Range	8 Meters
Item Dimensions	2.13 x 3 x 2 inches
Item Weight	0.34 Pounds

OFFICIAL PRODUCT VIDEO

Video 1: An overview of the realhide 2K UHD Wireless Outdoor Security Camera, highlighting its features and benefits from the seller.

WARRANTY AND SUPPORT

For any questions, technical support, or warranty inquiries, please refer to the contact information provided in your physical instruction manual or visit the realhide official website. We are committed to providing reliable technology and hassle-free service.