

NBKsmart C20

NBKsmart 2-Way Camera Audio/Video (Model C20) Instruction Manual

Your guide to setting up and operating your NBKsmart camera.

1. INTRODUCTION

The NBKsmart 2-Way Camera Audio/Video (Model C20) is a versatile indoor monitoring device designed for various applications, including baby monitoring, pet surveillance, and elderly care. It features a 2.8-inch screen, pan/tilt functionality, Wi-Fi connectivity, AI motion detection, and unique two-way audio/video calling capabilities. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and user experience.

2. WHAT'S IN THE BOX

Carefully unpack the box and ensure all items are present. If any items are missing or damaged, please contact customer support.

- NBKsmart 2-Way Camera (Model C20)
- Power Cable
- Charger Adapter
- User Manual

Video: Unboxing the NBKsmart 2-Way Camera. This video demonstrates the contents of the product packaging and how to carefully remove the camera and accessories.

3. PRODUCT OVERVIEW

Familiarize yourself with the camera's components and their functions.

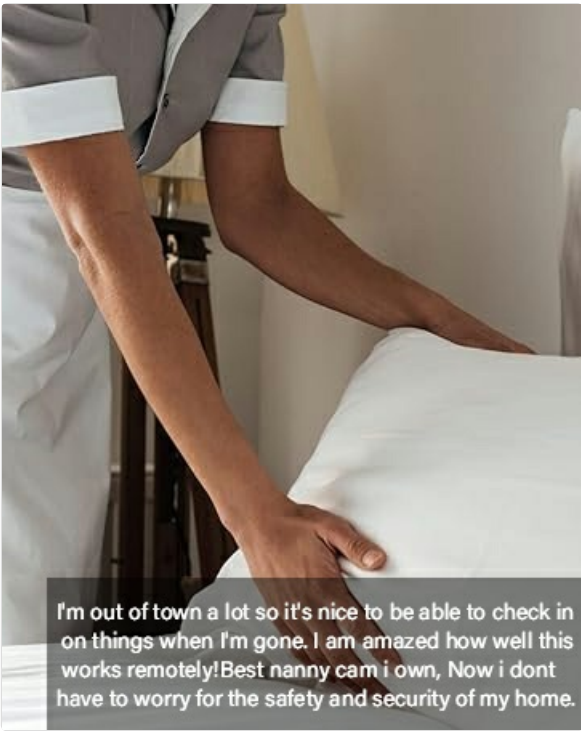


Image: Diagram illustrating the various parts of the NBKsmart camera, including the lens, screen, buttons, and ports.

Key Components:

- **Camera Lens:** Captures video.
- **2.8-inch IPS HD Screen:** Displays video feed and call interface.
- **Dual MIC:** For clear audio input during two-way communication.
- **Call Button (1 & 2):** Initiates video calls.
- **Reset Button:** Used for factory reset or network configuration.
- **SD Card Slot:** Supports up to 128GB for local storage.
- **Speaker:** For audio output during two-way communication and alarms.
- **Type-C Power Supply:** For connecting the power cable.

4. SPECIFICATIONS

Feature	Description
Power Specifications	5V=2A
CPU	Dual core processor
LCD	IPS 2.8", 240x320
Video Resolution	1920x1080 HD
Lens	120° Wide-View
Night Vision Distance	8M
Audio	Dual digital MIC array, pickup distance: 4M
PTZ Rotation	350 degrees horizontal, 60 degrees vertical
Network	2.4GHz Wi-Fi

AI Features	Supports human detection, motion detection, and crying detection
Intelligent Alarm	Message push, area alert
TF Card Slot	Support TF card (max 128GB)
Product Size (L x W x H)	95(L) * 95(W) * 170(H)MM (approx. 3.74 x 3.74 x 6.69 inches)
Item Weight	1.08 pounds
Mounting Type	Wall Mount
Indoor/Outdoor Usage	Indoor

5. SETUP GUIDE

5.1 App Installation

1. **Power On:** Insert the power cable into the camera and plug the adapter into a power outlet. Wait for 3-5 seconds for the camera to enter standby mode.
2. **Download App:** Scan the QR code below or visit http://www.jfgou.com/app/imcam_download.html to download and install the 'IM CAM' app from the Apple App Store or Google Play.
3. **Register and Log In:** Open the app, register a new account, and log in.



Image: Visual guide for initial power-up and app download/registration.

5.2 Device Connection (Wi-Fi)

4. **Add Device:** On the app homepage, click the '+' button or 'Add device'. Choose 'Wi-Fi Camera'.
5. **Confirm Phone Bluetooth:** Ensure your phone's Bluetooth is enabled and click 'Next'.
6. **Select Wi-Fi:** Choose your 2.4GHz Wi-Fi network and enter the password. (5G networks are not supported).
7. **Scan for Devices:** The app will scan for available devices. Click on the detected device (e.g.,

NBKsmart1).

8. **Network Binding:** The device will connect to the network. Once 'Network binding successful' appears, return to the homepage.



Image: Steps for adding the camera to the app and connecting it to your Wi-Fi network.

6. OPERATING INSTRUCTIONS

6.1 Two-Way Video and Audio Communication

The camera supports two-way video and audio, allowing you to see, hear, and speak to individuals or pets in the camera's vicinity directly from your phone.



Image: The camera facilitating two-way audio and video communication between a user on a phone and individuals near the camera.

Video: Demonstration of the two-way audio and video feature, showing how to initiate and conduct a call.

6.2 One-Button Call Function

This feature allows users near the camera to initiate a video call to a pre-configured mobile phone with a single button press. This is particularly useful for children or elderly individuals who may find smartphone operation challenging.

1. **Configure Call Button:** In the app settings, navigate to 'Call settings' and assign a contact or account to Button 1 or Button 2.
2. **Initiate Call:** The person near the camera presses the designated call button to start a video call to the linked mobile device.

2 Way Camera Audio/Video Calling Devices for Elderly Easy to use, no complex operations on phones



Image: The camera displaying a video call, highlighting its ease of use for elderly individuals and families.

Video: A short demonstration of the one-button call feature, showing how a call is initiated from the camera to a smartphone.

6.3 Cam-to-Cam Video Calling

The NBKsmart camera supports direct video calls between two cameras, allowing for communication between different locations without requiring a smartphone for each participant. This is ideal for connecting family members, such as grandparents and grandchildren.

1. **Pair Cameras:** Follow the app instructions to pair two NBKsmart cameras for direct video calling.
2. **Initiate Call:** Once paired, a call can be initiated directly between the cameras.

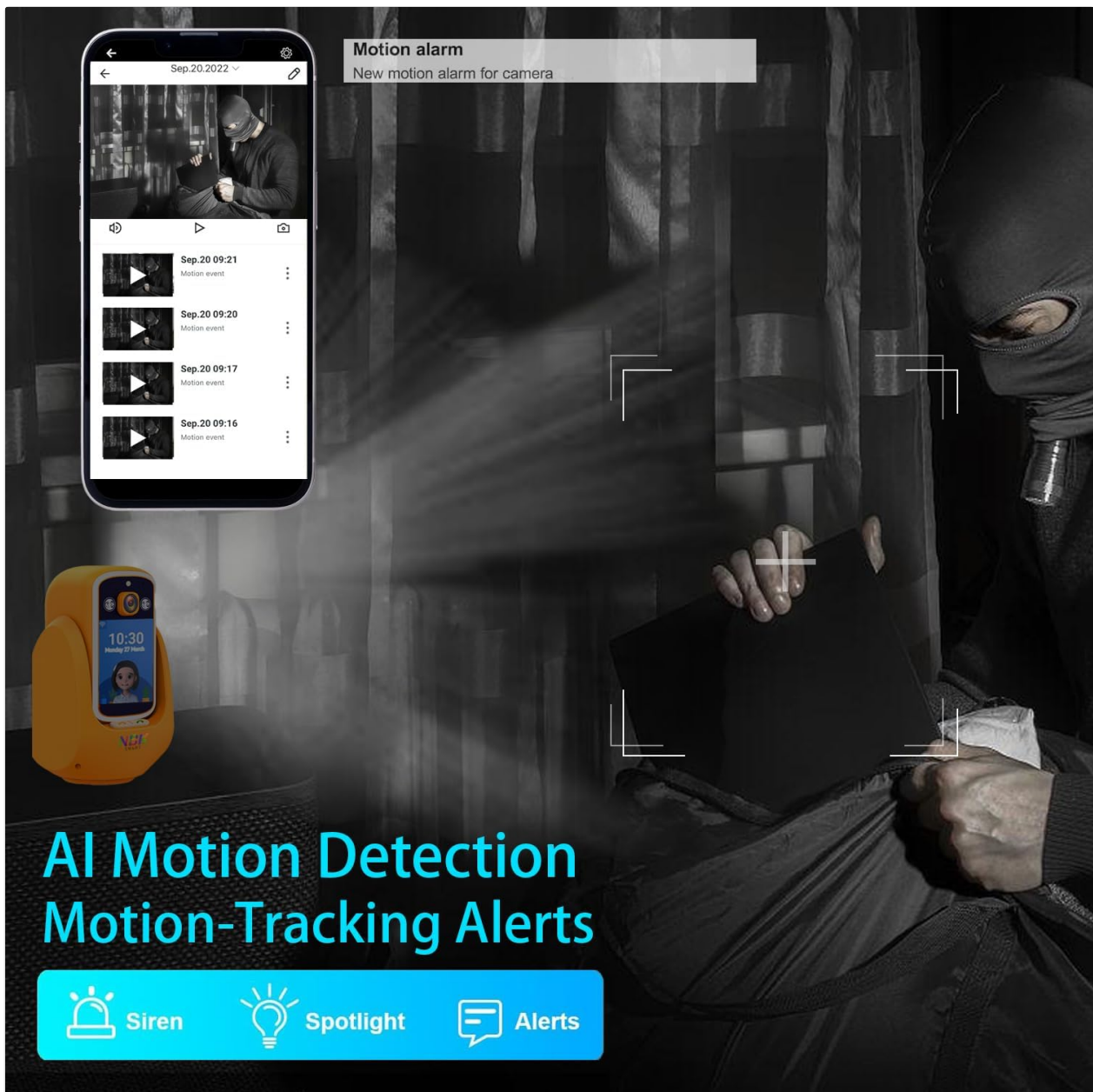


Image: Two NBKsmart cameras displaying a video call between two elderly individuals, demonstrating the cam-to-cam calling feature.

Video: A setup guide for enabling cam-to-cam video calling between two NBKsmart cameras.

6.4 AI Motion Detection & Tracking Alerts

The camera features AI-powered motion detection and tracking, which can automatically follow moving objects and send alerts to your phone.

1. **Enable Motion Tracking:** In the app settings, enable 'Motion tracking'.
2. **Adjust Sensitivity:** Set the detection sensitivity (Low/Medium/High) according to your environment.
3. **Receive Alerts:** When motion is detected, the camera will record and send an alert to your phone. You can also configure an audible alarm to sound from the camera.

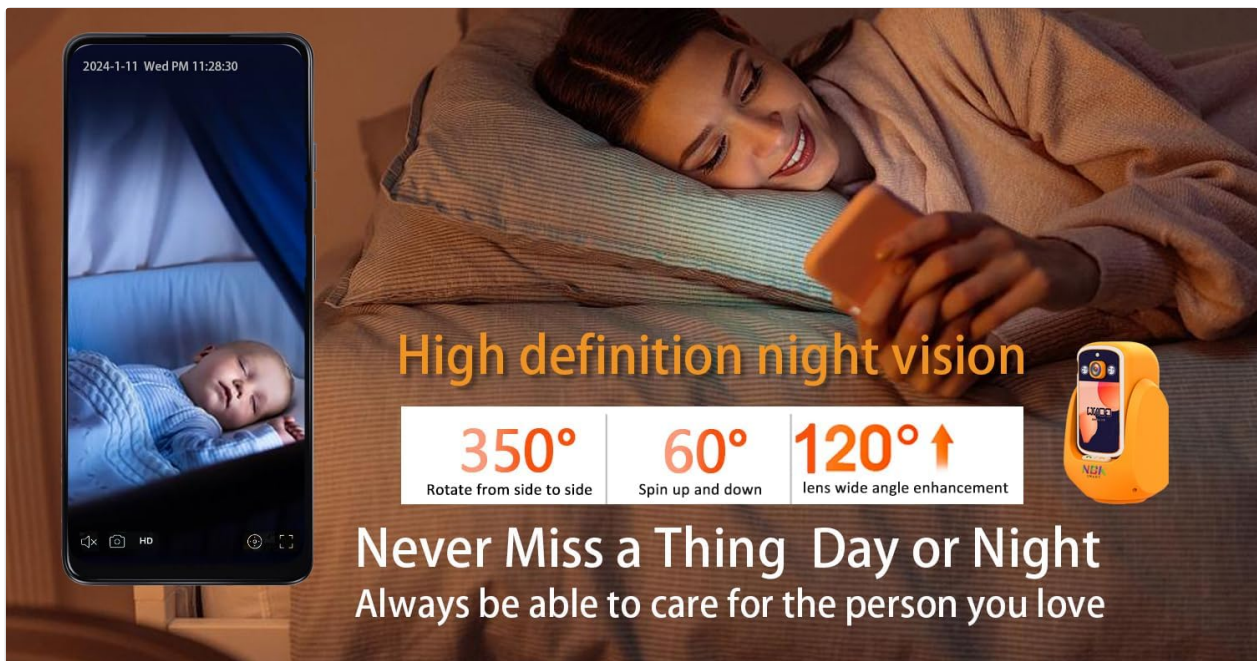


Image: An illustration of the camera detecting and tracking motion, with an alert notification on a smartphone.

Video: A demonstration of the AI tracking and alarm features of the NBKsmart camera.

6.5 Pan/Tilt Functionality

The camera offers 350° horizontal rotation and 60° vertical tilt, allowing you to remotely adjust the viewing angle via the app to cover a wider area.





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High definition night vision

350° Rotate from side to side	60° Spin up and down	120°↑ lens wide angle enhancement
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Never Miss a Thing Day or Night
Always be able to care for the person you love



Puppy dog, stop moving

Good night, baby

Mom, it's time to rest

Image: The camera showcasing its ability to rotate horizontally and vertically, providing a wide viewing angle.

6.6 Night Vision

The camera is equipped with infrared night vision, providing clear video monitoring up to 8 meters in low-light or dark conditions.

2 Way Camera Audio/Video Calling Devices for Elderly Easy to use, no complex operations on phones



Image: A split image demonstrating the camera's high-definition night vision capabilities, showing a baby sleeping in a crib in low light.

6.7 Multi-User Sharing

You can share access to your camera's live feed with up to 5 other users, allowing family and friends to monitor the same space simultaneously.

7. MAINTENANCE

To ensure the longevity and optimal performance of your NBKsmart camera, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid abrasive cleaners or solvents that could damage the surfaces.
- **Placement:** Place the camera on a stable, flat surface or mount it securely to a wall. Avoid locations with extreme temperatures, high humidity, or direct sunlight.
- **Power Supply:** Use only the provided power adapter and cable. Ensure the power connection is secure.
- **Software Updates:** Regularly check the 'IM CAM' app for firmware updates to ensure your camera has the latest features and security enhancements.

8. TROUBLESHOOTING

If you encounter issues with your NBKsmart camera, refer to the following common problems and solutions:

Problem	Possible Solution
Camera not connecting to Wi-Fi	Ensure your Wi-Fi is 2.4GHz (5GHz is not supported). Check Wi-Fi password. Move camera closer to router. Reset the camera using the reset button and try setup again.
No video feed in the app	Check internet connection on both camera and phone. Restart the app and the camera. Ensure the camera is powered on.
Two-way audio/video not working	Check microphone and speaker settings in the app. Ensure phone volume is up. Verify network stability.
Motion detection alerts not received	Ensure motion detection is enabled in app settings. Check notification settings on your phone. Adjust sensitivity if needed.
Camera is unresponsive	Unplug the power cable, wait 10 seconds, then plug it back in. If the issue persists, perform a factory reset.

If these solutions do not resolve your issue, please contact NBKsmart customer support for further assistance.

9. WARRANTY AND SUPPORT

The NBKsmart 2-Way Camera (Model C20) typically comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging or contact NBKsmart customer support for specific warranty terms and conditions. For technical support, troubleshooting, or any product-related inquiries, please visit the official NBKsmart website or contact their customer service team.