PANAMALAR Bullet 2S

PANAMALAR Outdoor Security Camera User Manual

Model: Bullet 2S

1. Introduction

Thank you for choosing the PANAMALAR Outdoor Security Camera. This smart 1080p WiFi IP camera is designed to provide reliable surveillance for your home, offering features such as Alexa voice control, IP65 waterproofing, night vision, 2-way audio, and motion detection. This manual will guide you through the installation, operation, and maintenance of your new security camera.

2. What's in the Box

- PANAMALAR Outdoor Security Camera
- Power Adapter
- Mounting Screws and Wall Plugs
- User Manual

3. Product Features

The PANAMALAR Outdoor Security Camera is equipped with advanced features to ensure comprehensive home security:

- **Full HD 1080P Resolution:** Records clear images at 1920x1080p resolution and 25 frames per second, day and night.
- **110° Wide-Angle Lens:** Provides an expansive viewing range to cover more area.
- **Excellent Night Vision:** Equipped with auto infrared LED for night vision up to 32ft, ensuring clear visibility in low light or complete darkness.
- **Two-Way Audio:** Features an integrated microphone and speaker for smooth communication with guests or deterring intruders.
- **Smart Motion & Sound Detection:** Sends real-time notifications to your smartphone when actions or sounds are detected. Sensitivity is adjustable (low/medium/high).
- **Alexa Voice Control:** Fully integrated with Alexa Echo Show, allowing voice commands to view camera

feeds. (Supports 2.4GHz WiFi network only).

- **IP65 Weatherproof Rating:** Designed for both indoor and outdoor use, capable of withstanding various weather conditions (-20℃ to 55℃).
- **Flexible Storage Options:** Supports cloud storage plans and local storage via a MicroSD card (up to 128GB, not included).



Figure 3.1: Overview of the PANAMALAR Outdoor Security Camera.



Figure 3.2: The camera features an IP65 waterproof design and a hidden MicroSD card slot under a rubber cover for local storage.

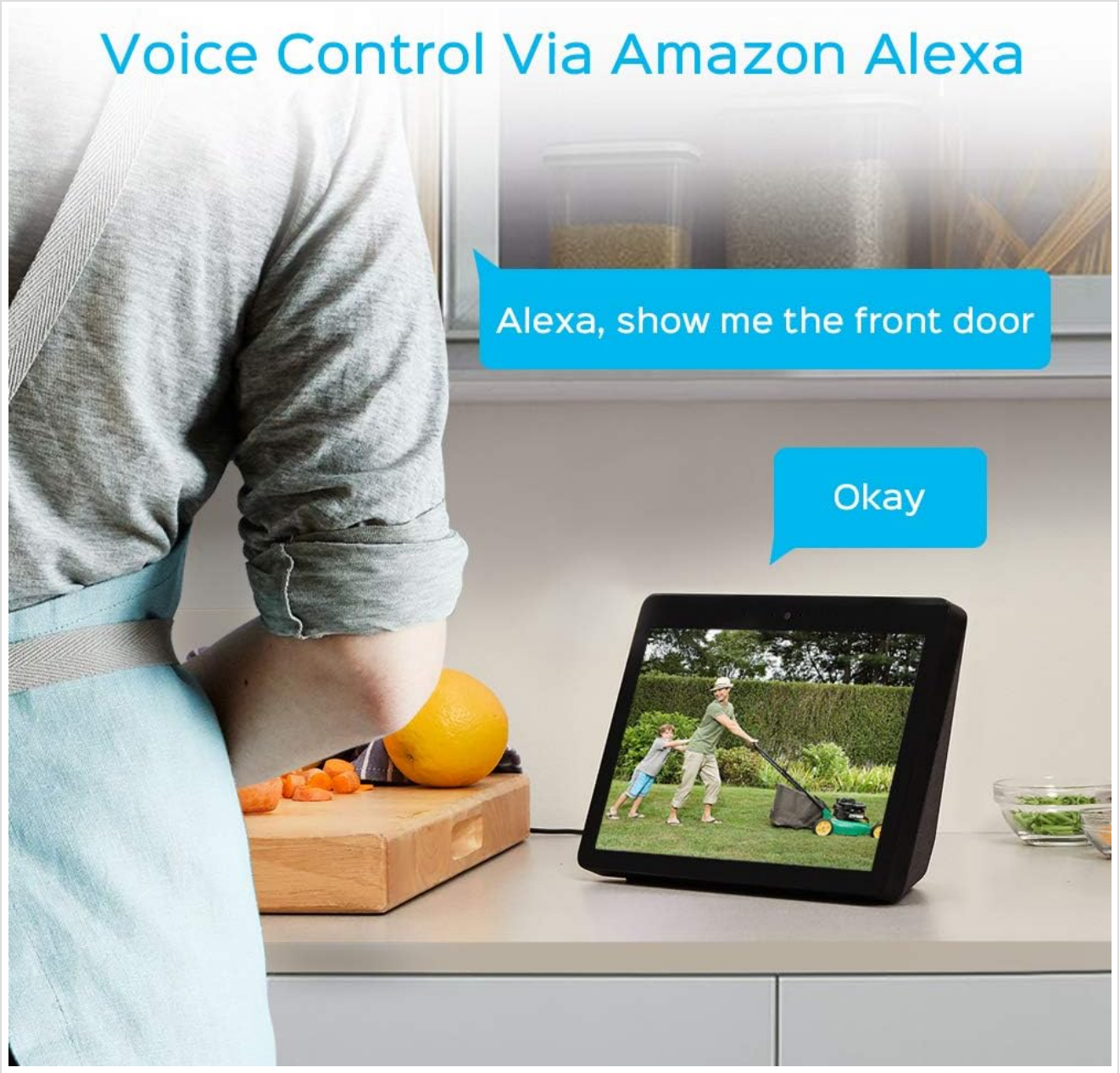


Figure 3.3: The camera supports voice control via Amazon Alexa, allowing users to view feeds on compatible devices like the Echo Show.



Figure 3.4: Utilize the two-way audio feature to communicate with visitors or deter unwanted individuals through the camera's built-in microphone and speaker.



Figure 3.5: Receive instant smart alerts on your smartphone for detected motion or sound, keeping you informed of activity around your property.



Figure 3.6: The camera provides ultra-long night vision range up to 32 feet, ensuring clear surveillance even in complete darkness.

4. Setup and Installation

4.1 App Download and Account Creation

1. Download the 'Smart Life' app from your smartphone's app store (iOS or Android).
2. Register for a new account or log in if you already have one.

4.2 Camera Pairing

1. Plug in the camera using the provided power adapter. Ensure it is within range of your 2.4GHz WiFi network. (Note: 5.0GHz WiFi is not supported).
2. Open the Smart Life app and tap 'Add Device' or the '+' icon.
3. Select 'Security & Video Surveillance' > 'Smart Camera'.
4. Follow the in-app instructions to connect the camera. This typically involves resetting the camera (if needed) and scanning a QR code displayed on your phone screen with the camera's lens.
5. Wait for the camera to connect to your WiFi network. Once connected, you can name your camera and begin using it.

4.3 Physical Installation

1. Choose a suitable location for installation, ensuring a clear view and access to a power outlet.
2. Use the included mounting screws and wall plugs to securely attach the camera to a wall or ceiling.
3. Adjust the camera's angle to cover the desired surveillance area.

5. Operating Instructions

5.1 Live View and Playback

- Open the Smart Life app and select your camera from the device list to view the live feed.
- To view recorded footage, access the playback feature within the camera's interface in the app. You can select specific dates and times.

5.2 Two-Way Audio

- While in live view, tap the microphone icon to speak through the camera's speaker.
- Tap the speaker icon to listen to audio from the camera's microphone.

5.3 Motion and Sound Detection

- Navigate to the camera settings in the Smart Life app.
- Enable 'Motion Detection' and 'Sound Detection'.
- Adjust the sensitivity level (Low, Medium, High) according to your environment to minimize false alerts.

5.4 Night Vision

- The camera automatically switches to night vision mode in low-light conditions. No manual adjustment is typically required.

5.5 Alexa Voice Control

- Ensure your camera is linked to your Alexa account via the Smart Life skill in the Alexa app.
- Use commands such as: "Alexa, show me the [camera name]" (e.g., "Alexa, show me the front door camera").

5.6 Storage Management

- **MicroSD Card:** Insert a MicroSD card (up to 128GB) into the designated slot under the rubber cover for local storage. The camera will automatically record events to the card.
- **Cloud Storage:** Explore cloud storage options within the Smart Life app for continuous recording and remote access to footage.

6. Maintenance

- **Cleaning:** Periodically wipe the camera lens and body with a soft, dry cloth to remove dust and debris. Do not use harsh chemicals.
- **Connection Check:** Regularly ensure the power cable and WiFi connection are secure and stable.
- **Firmware Updates:** Check the Smart Life app for available firmware updates to ensure optimal performance and security.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Camera offline/Cannot connect to WiFi	Incorrect WiFi password; Camera too far from router; 5GHz WiFi network used; Router issues.	Ensure correct 2.4GHz WiFi password. Move camera closer to router. Restart router. Re-pair camera.
Poor image quality	Dirty lens; Insufficient light; Network bandwidth issues.	Clean the lens. Ensure adequate lighting or check night vision. Check internet speed.
Motion detection too sensitive/not sensitive enough	Sensitivity settings; Environmental factors (e.g., trees, shadows).	Adjust motion detection sensitivity in the app (Low/Medium/High). Reposition camera if necessary.
Two-way audio not working	Microphone/speaker disabled in app; App permissions; Network issues.	Check audio settings in the app. Ensure app has microphone permissions. Check network stability.
Recorded video playback issues	Slow MicroSD card; App bug; Network latency.	Use a high-quality MicroSD card (Class 10 or higher). Update app. Check network.

8. Specifications

Feature	Specification
Model Number	Bullet 2S
Video Resolution	1080p Full HD (1920x1080)
Frame Rate	25 fps
Viewing Angle	110 Degrees
Night Vision Range	Up to 32 Feet
Connectivity	2.4GHz Wi-Fi (IEEE 802.11b/g/n)
Storage Options	MicroSD Card (up to 128GB), Cloud Storage
Weather Resistance	IP65 Waterproof
Power Source	AC/DC Power Adapter (5 Volts, 12 Watts)
Operating Temperature	-20°C to 55°C (-4°F to 131°F)
Dimensions (L x W x H)	2.76 x 2.76 x 5.24 inches
Weight	13.4 ounces
Compatible Devices	Smartphone (iOS/Android), Amazon Alexa (Echo Show)

9. Warranty and Support

For warranty information and technical support, please refer to the official PANAMALAR website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question