JOOAN B0GCFGYCLX

JOOAN 4G Solar Security Camera User Manual

Model: B0GCFGYCLX

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your JOOAN 4G Solar Security Camera. This outdoor wireless surveillance camera is designed for areas without traditional power or network infrastructure, utilizing 4G cellular connectivity and solar power for continuous operation. Please read this manual thoroughly before use to ensure proper setup and functionality.

Image 1.1: JOOAN 4G Solar Security Camera with its solar panel and a smartphone displaying the camera's live feed, highlighting its 4MP/5MP HD resolution capability.

2. PRODUCT FEATURES

- **4G Connectivity:** Operates independently using a SIM card, ideal for remote locations.
- **Solar Powered:** Equipped with a solar panel for continuous charging, reducing the need for external power sources.
- **High Definition Resolution:** Captures clear video footage for effective surveillance.
- **Color Night Vision:** Offers multiple night vision modes including infrared, full-color, and smart color night vision for enhanced visibility in low-light conditions up to 10 meters.
- **Local & Cloud Storage:** Supports up to 256GB SD card storage and optional cloud storage for recorded footage.
- **Easy Installation:** Designed for straightforward setup and mounting.

Image 2.1: The JOOAN 4G Solar Security Camera mounted with its solar panel, illustrating its solar energy capability for efficient light energy conversion and avoiding poor connections.

3. SETUP AND INSTALLATION

3.1. SIM Card and SD Card Installation

Before mounting, install a 4G SIM card (not included) and an SD card (up to 256GB, not included) into the designated slots on the camera. Ensure the camera is powered off before inserting or removing cards.

SD Card & Cloud Storage

Support cloud storage and max 256G sd card.
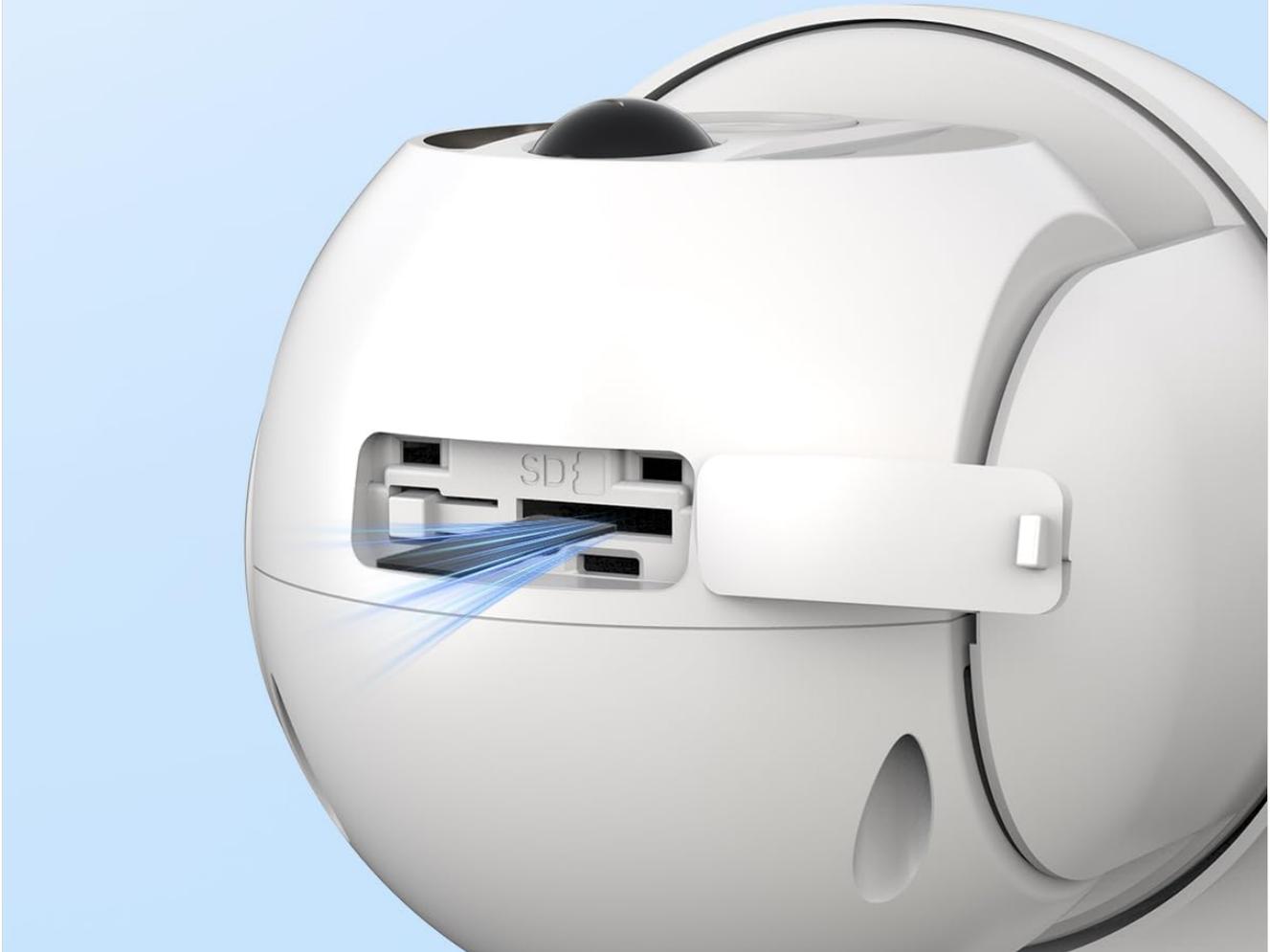(Not include in the camera)

Image 3.1: A close-up view of the JOOAN camera's SD card slot, indicating support for cloud storage and a maximum 256GB SD card.

3.2. Mounting Steps

1. **Positioning and Punching:** Select a suitable location for the camera and solar panel. Mark the drilling points on the wall. Use a drill to create holes at the marked positions.

2. **Insert Expansion Screws:** Gently tap the expansion screws into the drilled holes until they are flush with the surface.

3. **Mount the Camera:** Align the camera bracket with the expansion screws and secure it using the provided screws.

4. **Complete Installation:** Attach the solar panel to the camera bracket or mount it separately in a location with ample sunlight. Ensure all connections are secure.
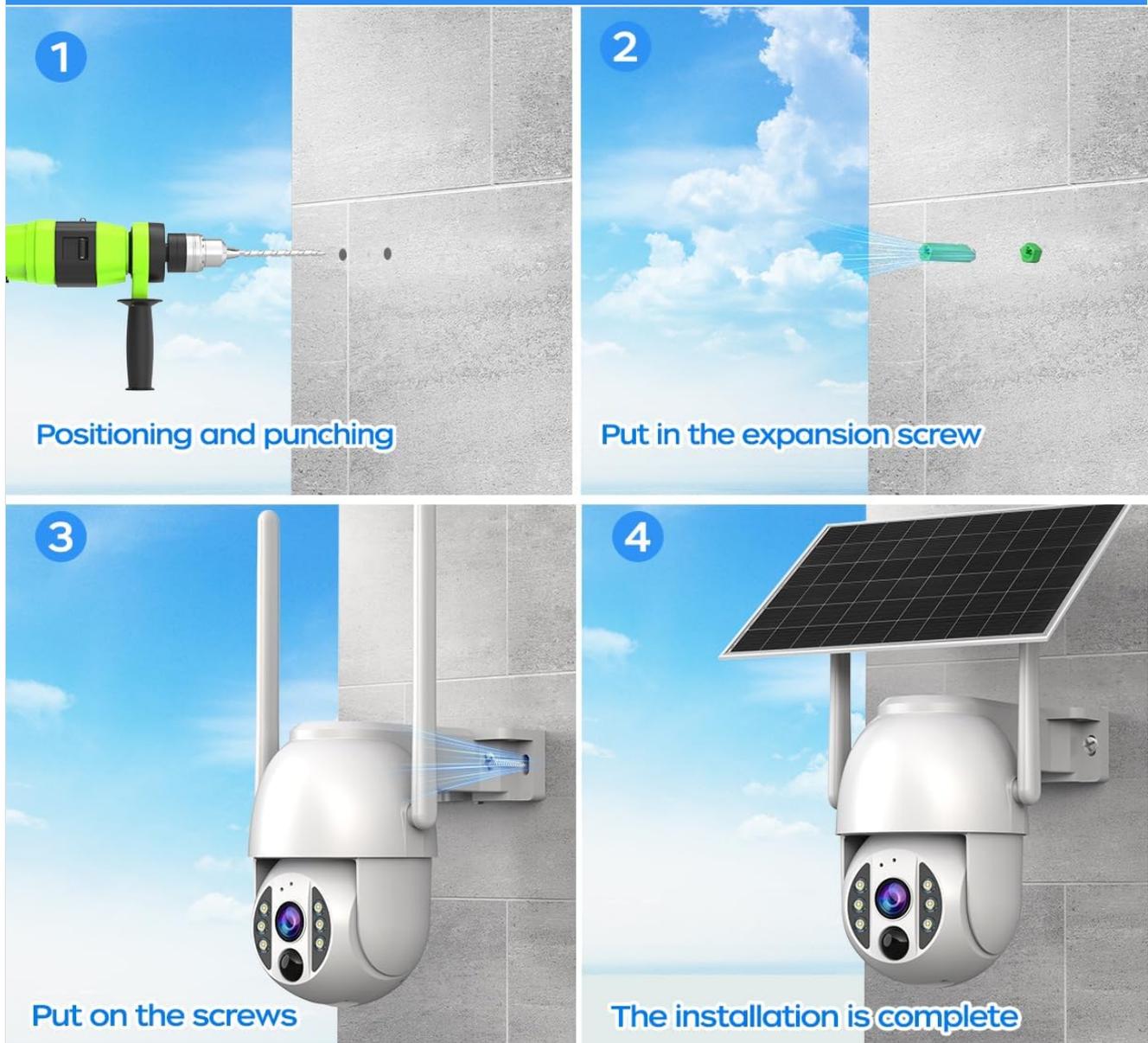
Image 3.2: Visual guide showing the four installation steps: 1. Positioning and punching, 2. Inserting expansion screws, 3. Mounting the camera with screws, and 4. Completing the installation with the solar panel.

3.3. App Connection

Download the official JOOAN app from your smartphone's app store. Follow the in-app instructions to add your camera. There are typically two methods:

- **Add APP Phone Code:** Scan the QR code displayed on your mobile phone APP with the camera lens from a distance of 20-30cm to add the distribution network.
- **Add Camera Body Code:** Scan the QR code located on the camera body using the mobile phone APP to add the distribution network.

Two Connection Methods

1.Add APP phone code

Refers to the distance of the camera lens from the QR code of the mobile phone APP 20-30cm to add the distribution network

2.Add camera body code

Refers to the mobile phone APP to scan the QR code on the camera to add the distribution network
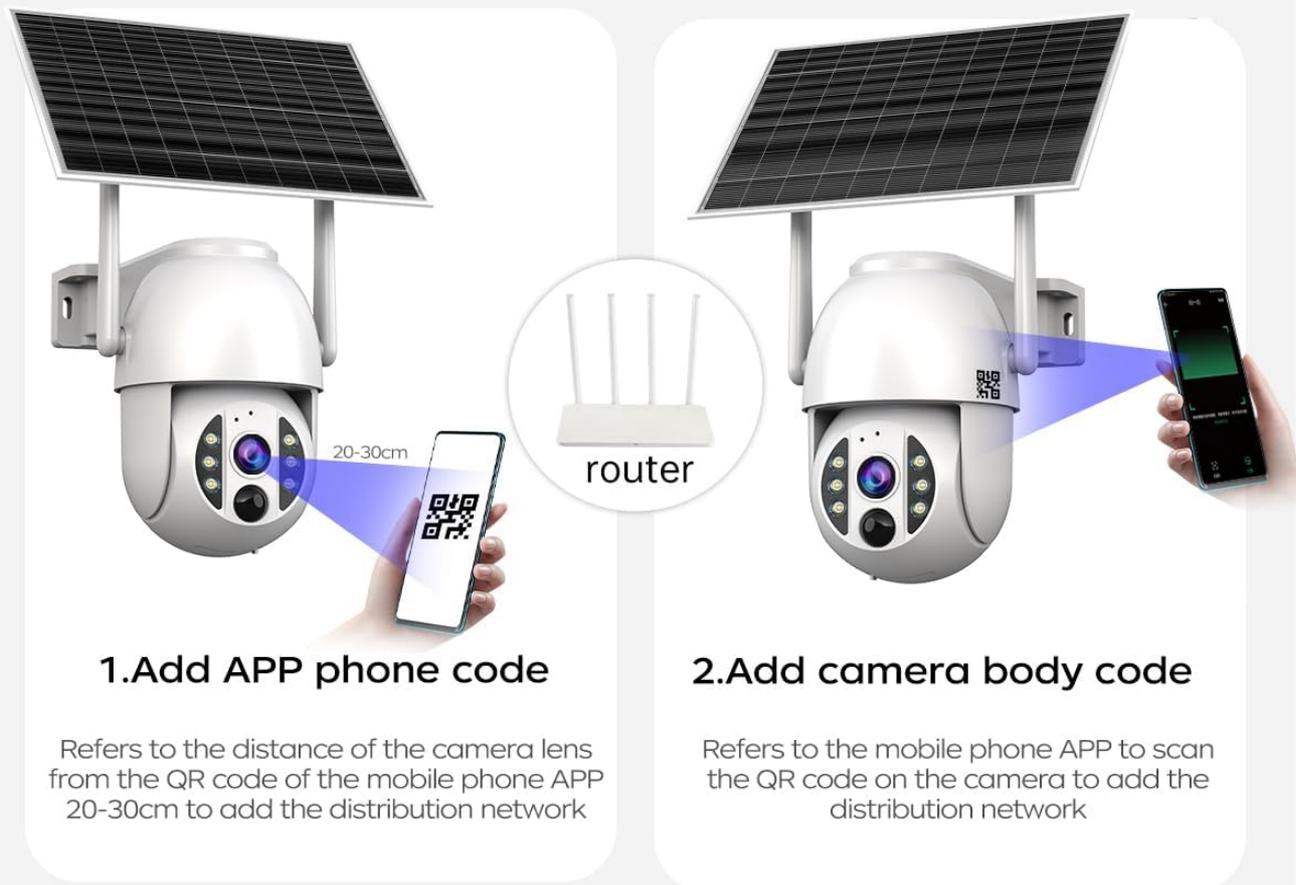
Image 3.3: Illustration of the two connection methods: scanning the APP phone code or scanning the camera body code to establish a network connection.

4. OPERATION

4.1. Powering On/Off

The camera automatically powers on when sufficient solar power is available or when connected to a power source. To power off, disconnect the power source and allow the battery to deplete, or use the app if a power-off function is available.

4.2. Live View and Recording

Once connected to the app, you can access the live video feed. The camera supports continuous recording to the SD card or cloud storage (subscription may be required). You can also manually record video or capture screenshots from the live view.

4.3. Motion Detection and Alerts

Configure motion detection sensitivity and alert settings within the app. The camera will send notifications to your smartphone when motion is detected. Recorded events can be reviewed in the app's playback section.

4.4. Night Vision Modes

The camera offers three night vision modes, selectable via the app:

- **Infrared Night Vision:** Provides clear black and white images in complete darkness.
- **Full Color Night Vision:** Utilizes built-in spotlights to provide color images in low-light conditions.
- **Smart Color Night Vision:** Automatically switches from infrared to full-color vision upon detection of motion or specific events.

Image 4.1: Comparison of the three night vision modes: Infrared night vision, Full color night vision, and Smart color night vision, demonstrating the camera's ability to pick out details in darkness up to 10 meters away.

5. MAINTENANCE

- **Cleaning the Lens:** Regularly clean the camera lens with a soft, dry cloth to ensure clear image quality. Avoid

abrasive cleaners.

- **Solar Panel Cleaning:** Keep the solar panel free from dust, dirt, and debris to maximize charging efficiency. Clean with a damp cloth as needed.
- **Firmware Updates:** Check the app periodically for available firmware updates to ensure optimal performance and security.
- **Battery Health:** Ensure the solar panel receives adequate sunlight to maintain battery charge. Prolonged periods without sunlight may require temporary charging via a USB power adapter (not included).

6. TROUBLESHOOTING

6.1. Camera Not Connecting to 4G Network

- Ensure the SIM card is correctly inserted and activated with a valid data plan.
- Check 4G signal strength at the camera's location.
- Restart the camera by briefly disconnecting and reconnecting its power.

6.2. No Video Feed or Poor Quality

- Verify the camera has sufficient power.
- Check the 4G signal strength.
- Clean the camera lens.

6.3. Solar Panel Not Charging

- Ensure the solar panel is positioned to receive direct sunlight for several hours daily.
- Clean any dirt or obstructions from the solar panel surface.
- Check the connection cable between the solar panel and the camera.

6.4. SD Card Not Recording

- Ensure the SD card is correctly inserted and formatted within the app.
- Check if the SD card has sufficient free space.
- Verify recording settings in the app.

7. SPECIFICATIONS

Feature	Detail
Brand	JOOAN
Model	B0GCFGYCLX
Power Source	Solar Powered
Connectivity Protocol	4G Cellular (SIM card required), Wi-Fi (for initial setup/local access if applicable)
Recommended Uses	Indoor/Outdoor Surveillance
Special Feature	Easy to Install
Storage	Supports up to 256GB SD card, Cloud Storage (subscription may apply)

8. Warranty and Support

For warranty information and technical support, please refer to the JOOAN official website or contact their customer service directly. Keep your purchase receipt as proof of purchase.
For further assistance, please visit: JOOAN Store on Amazon