V380

Generic V380 4G Cellular Solar Security Camera User Manual

Model: V380

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Generic V380 4G Cellular Solar Security Camera. Please read this manual carefully before using the product to ensure proper functionality and safety. This camera is designed for outdoor surveillance, featuring 4G cellular connectivity, solar power, 360-degree view, 4 MP clarity, and night vision capabilities.

2. WHAT'S IN THE BOX

Verify that all components are present upon unpacking.

- 1 x V380 4G Cellular Solar Security Camera
- 1 x Solar Panel
- 1 x 64 GB Memory Card
- Mounting Accessories (screws, wall plugs)
- User Manual (this document)

What's in the Box

Figure 2.1: Included components. The image displays the V380 camera unit, a separate solar panel, and a 64GB memory card, indicating what is typically found inside the product packaging.

3. PRODUCT OVERVIEW

Familiarize yourself with the main parts of your security camera.

Figure 3.1: V380 Camera with Solar Panel. This image shows the complete camera unit, including the solar panel mounted above, the main camera body with lenses and LEDs, and a 64GB memory card displayed separately.

Product Details

Figure 3.2: Detailed Product Features. This image highlights specific components of the camera, including a close-up of the main lens surrounded by infrared and white light LEDs, and a view of the solar panel's mounting bracket.

- **Solar Panel:** Provides continuous power to the camera battery.
- **Camera Lens:** Captures 4 MP video and images.
- **Infrared LEDs:** For black and white night vision.
- **White Light LEDs:** For color night vision and deterrence.
- **Microphone:** For audio input.
- **Speaker:** For two-way audio communication.
- **4G Antenna:** For cellular network connectivity.
- **SIM Card Slot:** For inserting a 4G cellular SIM card.
- **MicroSD Card Slot:** For local storage (64GB card included).
- **Reset Button:** To restore factory settings.

4. SETUP AND INSTALLATION

4.1 Initial Charging

Before first use, ensure the camera's internal battery is fully charged. Connect the camera to a standard 5V USB power adapter (not included) using a compatible cable for at least 8 hours. The solar panel will maintain the charge once installed, but initial charging is crucial for optimal performance.

4.2 SIM Card and Memory Card Installation

1. Locate the SIM card slot and MicroSD card slot, usually protected by a rubber cover on the camera body.
2. Insert a compatible 4G cellular SIM card (not included) into the SIM card slot with the metal contacts facing down. Ensure it clicks into place.
3. Insert the provided 64 GB MicroSD card into the MicroSD card slot with the metal contacts facing down. Push until it clicks.
4. Securely close the rubber cover to maintain the IP65 weather-resistant rating.

4.3 App Installation and Camera Pairing

1. Download the "V380 Pro" app from your smartphone's app store (iOS App Store or Google Play Store).
2. Register for an account and log in.
3. Power on the camera. Wait for the camera to announce "Waiting for configuration" or similar.
4. In the app, tap the "+" icon to add a new device.
5. Select "4G Camera" or "Add Device via 4G".
6. Follow the on-screen instructions to scan the QR code on the camera or manually enter the device ID.
7. Once connected, you can name your camera and begin live viewing.

4.4 Mounting the Camera

Choose a location with good 4G signal reception and direct sunlight exposure for the solar panel. The camera has an IP65 waterproof rating, suitable for outdoor use.

1. Mark the drilling points on the wall or mounting surface using the mounting bracket as a template.
2. Drill holes and insert wall plugs if necessary.
3. Attach the mounting bracket to the surface using the provided screws.
4. Secure the camera unit to the mounting bracket. Adjust the angle of the solar panel to maximize sun exposure.

Figure 4.1: Outdoor Mounting Example. This image illustrates the V380 camera and its solar panel securely mounted on an exterior wall of a building, demonstrating a typical installation scenario.

5. OPERATION

5.1 Live View and Recording

- Open the V380 Pro app and select your camera from the device list.
- The live video feed will appear. You can switch between standard definition (SD) and high definition (HD) for 4 MP clarity.
- Tap the record button to manually start/stop video recording. Recordings are saved to the MicroSD card or cloud storage (if subscribed).

5.2 Pan, Tilt, and Zoom (PTZ) Control

The camera offers 360-degree surveillance. Use the directional controls within the app to pan (left/right) and tilt (up/down) the camera lens. Digital zoom may also be available.

5.3 Night Vision Modes

The camera supports dual-light technology for enhanced night vision up to 30 feet.

- **Infrared Mode:** Provides clear black and white video in complete darkness using IR LEDs.
- **Color Night Vision:** When motion is detected, the white light LEDs can activate to provide full-color video, acting as a deterrent. This mode can usually be configured in the app settings.

5.4 Motion Detection and Alerts

- Enable motion detection in the app settings. You can adjust sensitivity levels and set detection zones.
- When motion is detected, the camera will automatically record video and send push notifications to your smartphone.

5.5 Two-Way Audio

Use the microphone and speaker functions in the app to communicate with individuals near the camera.

6. MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens and solar panel with a soft, damp cloth to remove dust and debris. Do not use harsh chemicals.
- **Solar Panel Efficiency:** Ensure the solar panel is free from obstructions (leaves, snow) to maintain optimal charging.
- **Firmware Updates:** Check the V380 Pro app periodically for firmware updates to ensure your camera has the latest features and security patches.
- **Battery Health:** In prolonged periods of low sunlight, the camera's battery may deplete. Consider temporarily charging the camera via USB if necessary.

7. TROUBLESHOOTING

Problem	Possible Solution
Camera not powering on.	Ensure the battery is charged. Connect to a USB power source for initial charging. Check solar panel connection.
No 4G signal or offline.	Verify SIM card is correctly inserted and activated. Check cellular network coverage in the installation area. Restart the camera.
Cannot connect to the app.	Ensure the camera is powered on. Reset the camera using the reset button. Re-attempt pairing in the V380 Pro app.
Poor video quality.	Check app settings for HD mode. Clean the camera lens. Ensure sufficient 4G bandwidth.
Night vision not working.	Ensure night vision mode is enabled in the app. Check for obstructions blocking the IR/white light LEDs.
Motion alerts not received.	Enable motion detection and push notifications in the app. Check app permissions on your smartphone.

8. SPECIFICATIONS

Product Dimensions

7.87"

11.57"

6.5"

Figure 8.1: Product Dimensions. This image provides a visual representation of the camera's physical size, indicating a height of 11.57 inches, a width of 7.87 inches, and a depth of 6.5 inches.

Feature	Detail
Model	V380
Resolution	4 MP (2K Video)
Connectivity	4G Cellular
Power Source	Solar Panel with Built-in Battery
Night Vision	Color Night Vision (Dual-Light), up to 30 ft
Field of View	360-degree (Pan/Tilt)
Storage	MicroSD Card (up to 64GB included), Cloud Storage (optional)

Feature	Detail
Weather Resistance	IP65 Waterproof
Material	Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions	12.2 x 7.87 x 7.87 inches (31 x 20 x 20 cm)
Item Weight	3.7 pounds (1.68 kg)

9. Safety Information

- Do not attempt to disassemble or modify the camera. This may void the warranty and cause damage.
- Ensure all cables and connections are secure and protected from environmental elements.
- Use only specified power adapters for charging.
- Keep the camera away from extreme temperatures, corrosive substances, and strong magnetic fields.
- Dispose of electronic waste responsibly according to local regulations.

10. Warranty and Support

For warranty information or technical support, please refer to the retailer's policy or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.