

GNCC GW20

GNCC GW20 Solar Security Camera Outdoor User Manual

Model: GW20

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your GNCC GW20 Solar Security Camera Outdoor. Please read this manual thoroughly before using the product to ensure proper function and safety.



Overview of the GNCC GW20 Solar Security Camera Outdoor, highlighting its key features such as 4MP resolution, full-color night vision, PIR motion detection, and dual-band Wi-Fi.

WHAT'S IN THE BOX

- GNCC GW20 Solar Security Camera

- Instruction Manual
- Mounting Screws and Anchors
- USB Charging Cable
- Mounting Bracket



The package includes the GNCC GW20 camera, user manual, mounting accessories, and a USB charging cable.

SETUP AND INSTALLATION

1. Charging the Camera

Before initial use, fully charge the camera using the provided USB cable. Connect the cable to the DC 5V port on the camera and a standard USB power adapter (not included).

2. App Download and Account Creation

Download the "Osaio" app from your smartphone's app store (iOS or Android). Follow the in-app instructions to create an account and add your new GW20 camera.

3. Mounting the Camera

The GNCC GW20 camera is designed for easy, wire-free installation. Choose a location that receives ample direct sunlight for optimal solar charging and provides the desired surveillance coverage.

1. Position the mounting bracket on the desired surface (wall, eave, roof).
2. Mark the drill holes and drill pilot holes if necessary.
3. Secure the mounting bracket using the provided screws and anchors.
4. Attach the camera to the mounting bracket and adjust the angle for optimal viewing and solar panel exposure.



The camera is designed for quick and easy installation, requiring minimal tools.



Simple setup process allows for quick deployment without professional assistance.

OPERATING INSTRUCTIONS

Connectivity

The camera supports dual-band Wi-Fi (2.4GHz and 5GHz) for stable and fast connections. Ensure your router is within range and configured for the correct band during setup.

Dual-Band Wi-Fi 2.4/5GHz

Provides Wide Coverage and
High-Speed Performance for
Reliable Outdoor Security



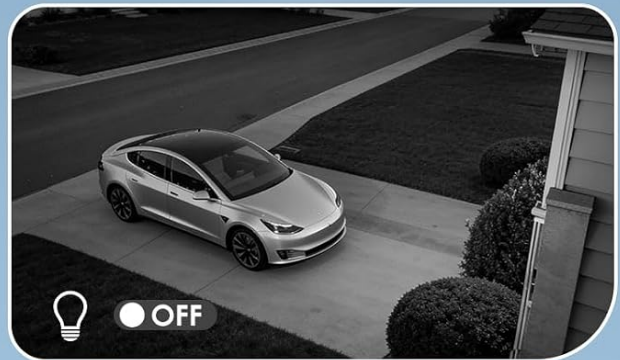
Dual-band Wi-Fi ensures wide coverage and high-speed performance for reliable outdoor security.

Video Quality and Night Vision

The camera delivers 4MP HD video. It features full-color night vision, enhanced by an integrated spotlight, allowing for clear identification of details even in low-light conditions.

4MP Full-Color Night Vision

Bright Fill Light, Clear Color Night Vision



The camera provides 4MP full-color night vision with a bright fill light for enhanced clarity.

The integrated spotlight provides illumination for clear color night vision.

Smart PIR Motion Detection and Alerts

The advanced PIR motion sensor accurately detects human movement, minimizing false alarms. You will receive real-time notifications on your phone. Sensitivity levels can be customized within the app.

Instant PIR Detection

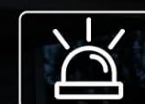
Real-time Notifications via APP, Built for Outdoor Security



2K Resolution



Motion Detection



Built in Siren



Instant Reminders

Instant PIR detection triggers real-time notifications via the app, enhancing outdoor security.



Receive instant message push notifications when motion is detected.

Two-Way Audio Communication

Utilize the two-way audio feature to listen and speak through the camera in real-time. Ensure the protective film is removed, microphone access is granted in the app, and your phone volume is adjusted.



Engage in real-time two-way audio communication through the camera via the mobile app.

STORAGE OPTIONS

The GNCC GW20 offers flexible storage solutions for your recordings:

- **MicroSD Card:** Save recordings locally using a microSD card (up to 128GB, not included).
- **Cloud Storage:** Opt for cloud storage with an optional subscription for convenient backup and advanced features.

Choose Your Preferred Storage

SD Card or Cloud — The Choice Is Yours

**Micro SD Card
Local Storage**

Up to **128 GB**

(Not included in package)



**Encrypted
Cloud Storage**

Subscribe Based on
Your Needs

Choose between local microSD card storage (up to 128GB) or encrypted cloud storage with a subscription.



The camera supports both SD card and cloud storage for recording flexibility.

Osaio+ Subscription Plans (Example)

Cloud storage and advanced features may vary by subscription plan. An example of available plans is provided below:

2026 Osaio+ New Subscription Plans			
SD Card or Cloud - The Choice Is Yours			
Subscription Plan	AI SOLO	AI PLUS	AI PREMIUM
Motion&Sound Detection	✓	✓	✓
Event Recording	✓	✓	✓
Video History	30-Day	30-Day	30-Day
AI Analysis	✓	✓	✓
Device Limit	1	5	Unlimited
Monthly Price	\$6.99	\$9.99	\$16.99
Annual Price	\$69.99 (≈\$5.83/month)	\$99.99 (≈\$8.33/month)	\$169.99 (≈\$14.17/month)

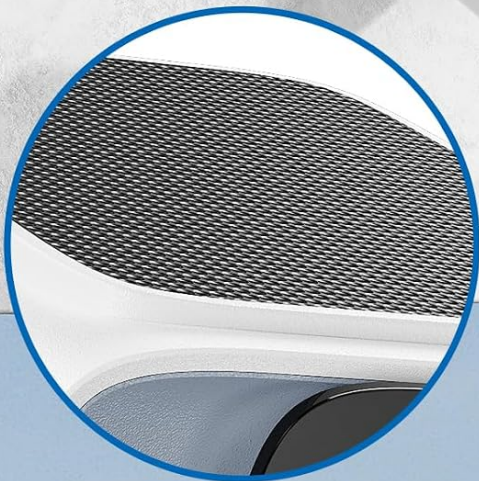
Example of Osaio+ subscription plans for enhanced features and cloud storage.

POWER MANAGEMENT

The GNCC GW20 camera is solar-powered, providing continuous charging for uninterrupted operation. Ensure the integrated solar panel receives adequate direct sunlight daily.

3Hrs of Sunlight, Power All Day*

 **3Hrs**



Just 3 hours of direct sunlight can power the camera for an entire day.



Solar Panel-Powered

Sun-Powered Wireless Security Camera
— Continuous Outdoor Protection.

The integrated solar panel provides continuous outdoor protection.

MAINTENANCE

To ensure optimal performance and longevity of your GNCC GW20 Solar Security Camera, follow these maintenance guidelines:

- **Clean the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may obstruct sunlight absorption.
- **Check Lens Clarity:** Keep the camera lens clean to ensure clear image quality. Use a soft, lint-free cloth.
- **Firmware Updates:** Periodically check the Osaio app for available firmware updates to ensure your camera has the latest features and security enhancements.
- **Weather Protection:** The camera is weatherproof (IP65 rated), designed to withstand rain, snow, heat, and cold. However, extreme weather conditions may temporarily affect performance.



The camera is built with durable, weather-resistant materials (IP65 rated) for year-round outdoor use.

TROUBLESHOOTING

If you encounter issues with your GNCC GW20 camera, refer to the following common solutions:

- **Camera Not Connecting to Wi-Fi:**
 - Ensure the camera is within range of your Wi-Fi router.
 - Verify that you are connecting to a 2.4GHz or 5GHz network as supported.
 - Check Wi-Fi password accuracy.
 - Restart your router and the camera.
- **Poor Video Quality:**
 - Clean the camera lens.
 - Ensure stable Wi-Fi connection.
 - Check for obstructions in the camera's field of view.
- **Motion Detection Not Working or Too Sensitive:**
 - Adjust PIR sensitivity settings in the Osaio app.
 - Ensure the camera is positioned correctly to cover the desired area.
 - Avoid placing the camera where moving objects (e.g., tree branches, busy roads) might trigger false alerts.
- **Battery Not Charging:**
 - Ensure the solar panel is clean and receives direct sunlight for several hours daily.
 - Check the USB charging cable and port for damage if charging manually.

SPECIFICATIONS

Brand	GNCC
Model Name	GW20
Connectivity Technology	Wireless (Bluetooth, Wi-Fi 2.4 & 5GHz)
Video Capture Resolution	4MP (2K)
Special Features	2-Way Audio, HD Resolution, Color Night Vision, PIR Motion Detection, Spotlight
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Storage Options	MicroSD Card (up to 128GB), Cloud Storage (subscription)

Weather Resistance	IP65 Weatherproof
Item Dimensions	5.5 x 4.5 x 1.88 inches
Item Weight	14.08 ounces

WARRANTY AND SUPPORT

For warranty information, please refer to the product packaging or contact GNCC customer support directly. The manufacturer is Kalado.

For technical support or inquiries, please contact:

Email: support@gncchome.com

Additional protection plans may be available for purchase separately.

PRODUCT VIDEOS

Your browser does not support the video tag.

This video provides a brief overview of the GNCC GW20 Solar Security Camera, highlighting its compact design, integrated solar panel, and key features like local storage and two-way audio. It demonstrates the physical aspects of the camera and its mounting capabilities.

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ASK A QUESTION ABOUT THIS MANUAL

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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