UCOCARE S2-WiFi

UCOCARE 4MP Outdoor Wireless Solar WiFi Surveillance Camera

INSTRUCTION MANUAL

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your UCOCARE 4MP Outdoor Wireless Solar WiFi Surveillance Camera. Designed for comprehensive outdoor security, this camera features a 360° pan-tilt-zoom function, a high-capacity 15000mAh battery, and a 5W solar panel for continuous power. Key features include precise PIR human detection, advanced color night vision, two-way audio communication, and robust IP67 weatherproofing.

Image: Two UCOCARE outdoor solar security cameras with solar panels, showcasing the product design and a smartphone displaying a live feed.

2. Setup and Installation

The UCOCARE solar camera is designed for easy, 100% wire-free installation. Ensure you have a stable 2.4GHz Wi-Fi network available at the installation location.

2.1 Initial Setup Steps

1. **Download the App:** Download the 'CloudEdge' application from your smartphone's app store (iOS or Android).
2. **Connect to Wi-Fi:** Ensure your camera and smartphone are connected to a 2.4GHz Wi-Fi network.
3. **Scan QR Code:** Follow the in-app instructions to scan the QR code displayed by the camera to pair it with your account.
4. **Install Camera:** Install the camera in an area with a strong Wi-Fi signal for optimal performance.

Antennes WiFi Double Bande 4dBi Améliorées

Améliorez la stabilité du WiFi 2,4 GHz avec des diagnostics de signal pour un placement optimal.

Image: A visual guide illustrating the four simple steps for camera installation, from app download to final placement.

2.2 Mounting Options

The camera offers flexible mounting options to suit various outdoor environments:

- **Ceiling Mount:** Ideal for overhead surveillance.
- **Wall Mount:** Common and versatile for general coverage.
- **Pole Mount:** Suitable for areas without direct wall access.

Étanche IP67, Prêt pour Toutes les Saisons

Ne manque pas un battement, peu importe le temps, avec sa notation IP67.
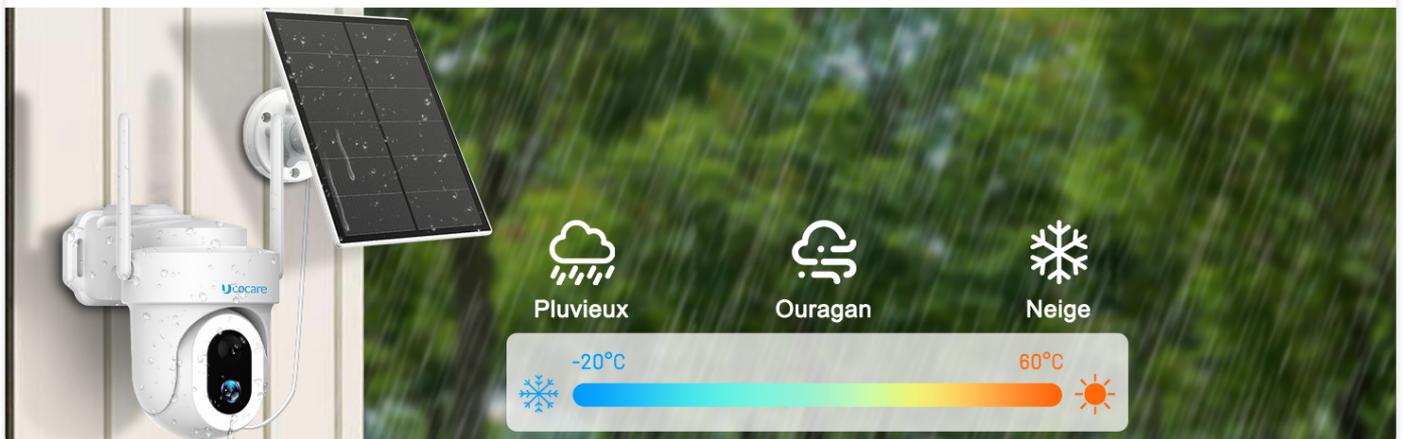
Image: Depiction of the three primary installation methods: ceiling, wall, and pole mounting, highlighting the camera's adaptability.

3. Operating the Camera

3.1 Power Management

The camera is powered by a 15000mAh rechargeable battery and a 5W solar panel, ensuring continuous operation without the need for frequent charging or wiring.

100% Wire-Free with Non-Stop Power

No wiring hassles, no charging worries.

365 days

⚡5W

5W
Upgraded Solar Panel

15000mAh
Rechargeable Battery

60% Charging
Efficiency Improvement

3 Meters

Ucocare

Image: The UCOCARE solar camera mounted outdoors, illustrating its 5W solar panel and 15000mAh battery for non-stop power.

3.2 Video Quality and Night Vision

Experience clear and detailed surveillance with 4MP QHD resolution. The camera offers both color night vision using 14 efficient white LEDs for wide illumination up to 30 meters, and enhanced IR night vision up to 15 meters in total darkness.

4MP QHD Day Vision, Clear & True

Check your property with better 4MP QHD clarity and the finest details.

5X Zoom

4MP

Image: A daytime scene captured by the 4MP QHD camera, demonstrating its clarity and 5x zoom capability on a dog in a backyard.

Upgraded 4MP QHD Night Vision

Uses 14 efficient white LEDs to improve color night vision with wide and bright illumination.

ON 💡

Up to 30 Meters

💡 **OFF**

Image: A comparison showing the effectiveness of the upgraded 4MP QHD color night vision with 14 LEDs versus standard night vision, highlighting improved illumination.

3.3 PTZ Control and Coverage

Control the camera's viewing angle remotely via the app with 355° horizontal pan and 120° vertical tilt, ensuring comprehensive coverage of your property.

Image: The camera demonstrating its 355-degree pan and 120-degree tilt capabilities, controllable through the mobile application.

3.4 Smart Detection and Alerts

The camera features intelligent PIR human detection with up to 99% accuracy, reducing false alarms. Upon detection, the camera records the event, sends real-time alerts to your phone, and can activate light and siren alarms.

Image: A visual representation of the camera's smart human detection, showing activated light and siren alarms, and an app notification.

3.5 Two-Way Audio and Voice Control

Communicate with visitors or deter intruders using the built-in microphone and speaker for two-way audio. The camera is also compatible with Google Home and Alexa for hands-free voice control.

IP67 Weatherproof Designed for Outdoor Use

- ☼ Hot
- 🌧 Rainy
- 🌬 Hurricane
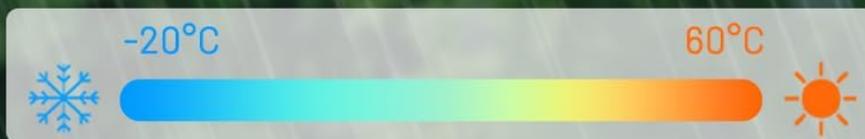- ❄ Snowing

-20°C ━━━━━━━━━━━━━ 60°C

Image: A smart display showing the camera feed, with logos indicating compatibility with Google Assistant and Alexa for voice control.

3.6 Multi-User Access

Share device access with family members by scanning a QR code or adding their accounts, allowing multiple users to view the live feed simultaneously.

Accès à Distance Multi-Utilisateurs à Tout Moment

Partage illimité avec d'autres, avec jusqu'à 5 utilisateurs pouvant accéder en ligne sur l'application.

Partage d'Utilisateurs Illimité

5 Utilisateurs en Ligne

Image: A smartphone displaying a live camera feed, illustrating the multi-user access feature for shared surveillance.

3.7 Customizable Detection Zones and Schedules

Define specific detection zones to focus on critical areas and personalize alarm schedules to reduce unnecessary alerts, ensuring you only receive notifications for what truly matters.

Concentrez-Vous sur ce qui Compte Vraiment pour Vous

Configurez des zones/degrés de détection pour couvrir les zones les plus importantes.

Zone de Détection

Sensibilité de Détection

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

6

Image: An illustration of customizable detection zones, allowing users to specify areas for monitoring and exclude others.

Horaire Personnalisable pour des Alertes Précises

Personnalisez le planning des alarmes pour réduire les alarmes inutiles.
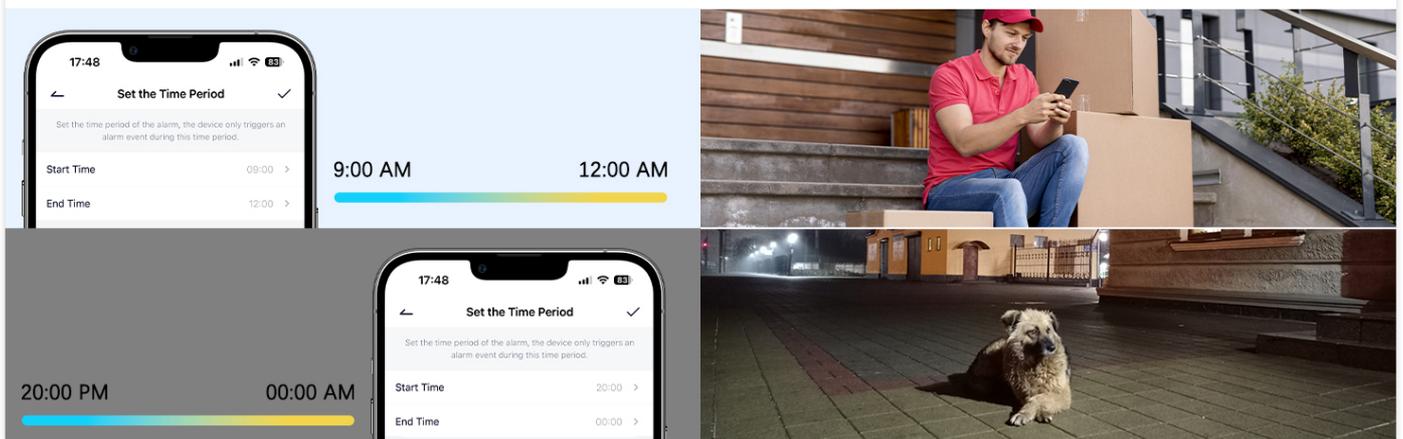
17:48

Set the Time Period

Set the time period of the alarm, the device only triggers an alarm event during this time period.

Start Time 09:00 >

End Time 12:00 >

9:00 AM   12:00 AM

20:00 PM   00:00 AM

17:48

Set the Time Period

Set the time period of the alarm, the device only triggers an alarm event during this time period.

Start Time 20:00 >

End Time 00:00 >

4. Maintenance and Storage

4.1 Weatherproof Design

With an IP67 rating, the camera is designed to withstand various weather conditions, including rain, storms, and snow, operating effectively between -20°C and 60°C.

Sécurité Renforcée avec Capture Vidéo d'Evénements

Enregistrez des vidéos déclenchées par le mouvement pour une meilleure identification des criminels.

Image: The camera shown in different weather scenarios, emphasizing its IP67 weatherproof rating and wide operating temperature range.
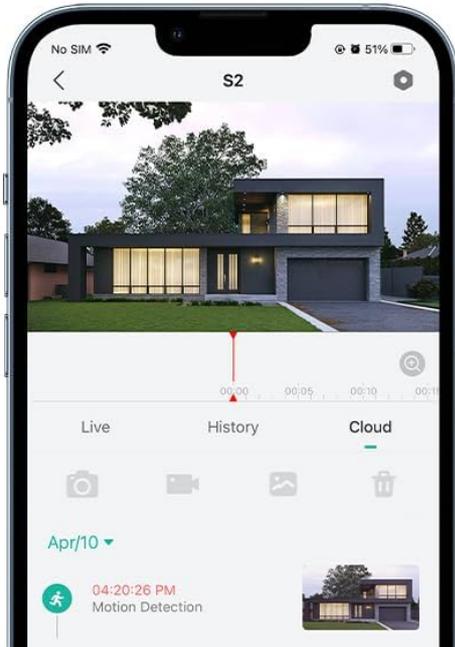
4.2 Secure Storage Options

The camera offers flexible storage solutions for your video footage:

- **Micro SD Card:** Supports up to 128GB (not included) for local storage.
- **Cloud Storage:** A 7-day free trial is available, providing encrypted video storage for easy access anytime, anywhere.

Flexible Secure Storage

Enjoy peace of mind and effortless access to your video footage.

Premium Cloud

Free 7-Day

With Video Encryption

Micro SD Card

Max 128GB

(Not Included)

Image: An illustration of the camera's flexible storage options, including cloud storage with a 7-day trial and local micro SD card support.

4.3 Connectivity

Equipped with dual 4dBi antennas, the camera ensures a stable 2.4GHz Wi-Fi connection, providing smooth video streaming and reliable performance.

Installation Simple en 5 Minutes

Connecter votre caméra à l'application est un jeu d'enfant en seulement 4 étapes faciles.

01	02	03	04
Téléchargez l'application 'CloudEdge'	Veuillez connecter votre caméra et votre téléphone au WiFi 2,4 GHz.	Laissez la caméra scanner le code QR dans l'application.	Installez la caméra dans une zone avec un signal WiFi fort.

Image: A diagram showing the camera's enhanced dual-band WiFi antennas and strong signal strength for reliable connectivity.

5. Troubleshooting

If you encounter issues with your UCOCARE camera, consider the following general troubleshooting steps:

- **Connectivity Issues:** Ensure your Wi-Fi network is 2.4GHz and has a strong signal at the camera's location. Restart your router and the camera.
- **Power Issues:** Verify the solar panel is receiving adequate sunlight. Check the battery level in the app.
- **App Functionality:** Ensure the CloudEdge app is updated to the latest version. Restart the app or your smartphone.
- **Image Quality:** Clean the camera lens if images appear blurry. Ensure there are no obstructions in the camera's field of view.
- **Alerts Not Received:** Check app notification settings and ensure human detection is enabled and configured correctly.

For more specific issues or persistent problems, please refer to the detailed troubleshooting section within the CloudEdge app or contact UCOCARE customer support.

6. Specifications

Feature	Specification
Model Number	S2-WiFi
Video Recording Resolution	4 MP
Battery Capacity	15000 mAh
Solar Panel Power	5 W
Wireless Communication Technology	Wi-Fi (2.4GHz)
Pan Angle	355 degrees
Tilt Angle	120 degrees
Night Vision Range	Up to 30 meters (Color), Up to 15 meters (IR)

Weatherproof Rating	IP67
Operating Temperature	-20°C to 60°C
Local Storage	Micro SD card (up to 128GB, not included)
Compatible Devices	Smartphone (iOS, Android), Amazon Alexa, Google Assistant
Dimensions (L x W x H)	21 x 17 x 11 cm
Weight	894 grams

7. Warranty and Support

For warranty information or technical support, please refer to the documentation included with your product or visit the official UCOCARE website. If you require assistance, please contact UCOCARE customer service directly. Information regarding spare parts availability is currently not provided.
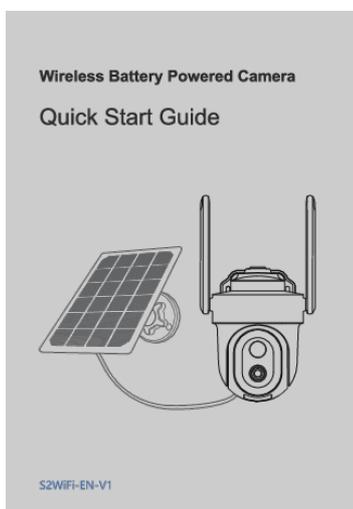
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