

## Jennov K2-P52-V18

# Jennov Wireless Outdoor Solar Security Camera System K2-P52-V18 Instruction Manual

Model: K2-P52-V18 | Brand: Jennov

[Contents](#)   [Setup](#)   [Operation](#)   [Maintenance](#)   [Overview](#)   [Package](#)   [Troubleshooting](#)   [Specifications](#)   [Warranty & Support](#)

## 1. OVERVIEW

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The Jennov K2-P52-V18 is a fully wireless outdoor solar security camera system designed for comprehensive surveillance. It features a 400-megapixel camera with Pan-Tilt-Zoom (PTZ) capabilities, offering 360° rotation and a 130° wide-angle view. The system includes a 4K-compatible monitor for direct viewing and supports remote monitoring via the Eseecloud app. Key features include AI human detection, color night vision, IP66 waterproof and dustproof rating, and efficient H.265+ video compression with built-in HDD storage.

## 2. PACKAGE CONTENTS

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Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.



Image: Contents of the Jennov K2-P52-V18 security camera system package.

- 400MP Wireless Security Camera (2 units)
- 800MP Compatible Monitor with Built-in HDD (1 unit)
- Solar Panel (2 units)
- NVR Power Adapter (1 unit)
- HDMI Cable (1 unit)
- USB Mouse (1 unit)
- Security Sticker (1 unit)
- Instruction Manual (1 unit)
- Camera Mounting Screws (2 sets)
- LAN Cable (1 unit)

### 3. SETUP

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### 3.1 Initial Charging

Before installation, it is recommended to fully charge the camera using a Type-C cable for at least 6 hours to ensure optimal performance. The camera can also be charged via the solar panel once installed.



Image: The camera supports both solar charging and Type-C cable charging.

### 3.2 Physical Installation

The cameras are designed for outdoor use with an IP66 waterproof and dustproof rating. Choose a location that provides a clear view of the area you wish to monitor and allows the solar panel to receive adequate sunlight.

Your browser does not support the video tag.

Video: This video demonstrates the general method for installing the security camera.

1. **Mark Drilling Points:** Use the mounting template to mark the positions for drilling on the wall or ceiling.



Image: Drilling holes into the wall for mounting the camera.

2. **Drill Holes:** Drill holes at the marked positions.
3. **Insert Anchors:** Insert the plastic anchors into the drilled holes.



Image: Inserting plastic anchors into the drilled holes to secure the camera mount.

- 4. Mount Camera:** Align the camera base with the anchors and secure it with screws.



Image: Attaching the camera to the wall using screws and anchors.

- 5. Connect Solar Panel:** Connect the solar panel to the camera. Position the solar panel to maximize sunlight exposure.



Image: The IP66 waterproof camera installed outdoors with its solar panel for continuous power.

### 3.3 System Connection

The system is designed for easy plug-and-play setup. The monitor and cameras connect wirelessly. You can connect the monitor to a larger display via HDMI or to your network via LAN/Wi-Fi for remote access.

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Video: This video illustrates the simple setup and plug-and-play functionality of the system.

- **Power On:** Connect the NVR power adapter to the monitor and plug it into an electrical outlet. The cameras will automatically connect to the monitor.

# IP66 國際防水

## 屋外防水防塵



Image: The monitor connected to a power source and an external TV display, showing multiple camera feeds.

- **Monitor Ports:** The monitor features ports for power, USB (for mouse), HDMI (for external display), LAN (for wired network connection), a reset button, and an SD card slot.



Image: Close-up view of the monitor's various ports, including power, USB, HDMI, LAN, reset button, and SD card slot.

- **Network Connection (Optional):** For remote viewing, connect the monitor to your router via the LAN port or Wi-Fi.

### 3.4 Eseecloud App Setup

To enable remote monitoring and control, download the Eseecloud app on your smartphone or tablet. Follow the in-app instructions to add your camera system.

Your browser does not support the video tag.

Video: This video provides a guide on connecting and operating a security camera system via an app.



Image: The Eseecloud mobile application interface, showing live camera feed and control options.

## 4. OPERATION

### 4.1 Viewing Live Feed & PTZ Control

You can view live camera feeds directly on the included monitor or remotely via the Eseecloud app. The camera supports Pan-Tilt-Zoom (PTZ) functionality, allowing you to adjust the viewing angle.

- The camera offers a 130° wide-angle view and can rotate 355° horizontally (pan) and 90° vertically (tilt), eliminating blind spots.
- Use the controls on the monitor or within the Eseecloud app to remotely adjust the camera's pan and tilt.

# 130°撮影角度 & 400万画素

より広い範囲の高画質の画面をはっきり撮影する可能

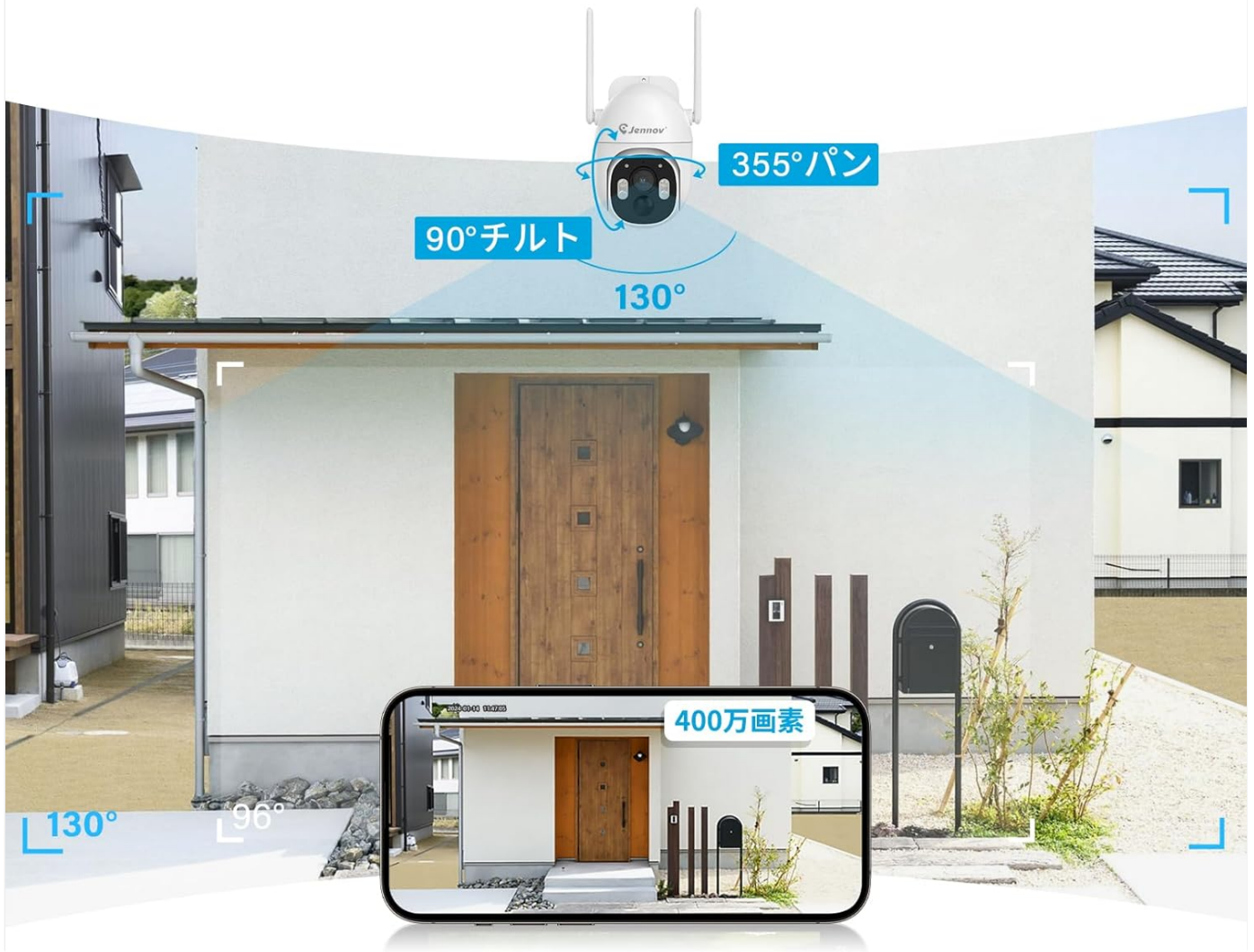


Image: The camera's 130° wide-angle view, demonstrating its 355° pan and 90° tilt capabilities for comprehensive coverage.

## 4.2 Recording Modes

The system offers three recording modes to suit your surveillance needs:

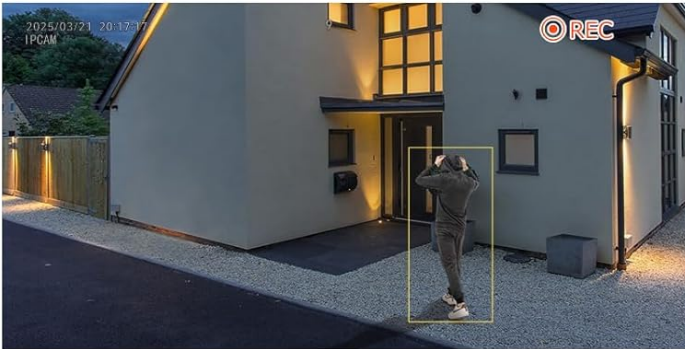
- **24-Hour Continuous Recording:** Records continuously. This mode requires the camera battery to be above 80% charge.
- **Motion Detection Recording:** Records only when motion is detected. This mode helps conserve storage space and battery life. You can adjust the motion detection area to avoid unnecessary alerts.
- **Optimal Power Saving Mode:** Records only when motion is detected, with customizable recording durations and rest periods after detection.

## 3つ録画モード



### 24h 常時録画

カメラが80%以上の電量にならないと、24時間録画に対応していません。



### モーション検知録画

動きを検出されたらモーション検知録画が多く開始されます。また検知エリアも調整でき、不要の警報を避けられます



### 最適省電力モード

動きものを検出した時のみ録画し、録画時間と録画終了後の時間帯を設定できます。

録画時間	休眠期間
5秒/10秒/20秒/30秒	0秒/10秒/1分/5分/10分
5秒 ▼	0秒 ▼

Image: Illustration of the three available recording modes: 24-hour continuous, motion detection, and optimal power-saving mode.

### 4.3 AI Human Detection & Alerts

The camera features advanced AI human detection, which accurately identifies human movement while minimizing false alarms from non-human sources like insects, rain, or swaying leaves. When a person is detected, the system can trigger various alerts:

- **Audio Alarm:** The built-in buzzer can sound an alarm (default is off, can be enabled in settings).
- **Light Alarm:** LED lights on the camera can flash to deter intruders.
- **Notification:** Receive instant alerts on your smartphone via the Eseecloud app.
- **Email Alert:** Receive email notifications with snapshots or video clips.



**400  
万画素**  
2560x1536

**200万画素**

**400万の高精細画素**


Image: The AI human detection feature highlighting a person within the surveillance area, indicating accurate detection.



**5つのアラームモード**

威嚇・監視・センサーライトで1台3役  
不審者を検知すると、LEDライトが点灯  
したり、音声アラームが鳴り、犯罪を未  
然に防ぎます！

-   
音声警報
-   
音声警報&光警報
-   
光警報
-   
警報通知
-   
メール警報

 ヒューマノイドアラーム  
カメラ-ゲート(23:26)にアラームが発生しました


 ヒューマノイドアラーム  
カメラ-ゲート(22:16)にアラームが発生しました

Image: Various alarm modes including audio, light, and app notifications, triggered upon detection of suspicious activity.

## 4.4 Two-Way Audio

The camera includes a built-in microphone and speaker, enabling two-way audio communication. This allows you to speak to visitors, delivery personnel, or deter unwanted individuals directly through the Eseecloud app.



Image: Illustration of the two-way audio feature, showing a user communicating through the camera with someone at the monitored location.

## 4.5 Night Vision

The camera provides clear surveillance even in low-light conditions with multiple night vision modes:

- **Color Night Vision:** Utilizes white LEDs to provide full-color images at night.
- **Infrared Night Vision:** Uses infrared LEDs for clear black-and-white images in complete darkness, with a range of up to 30 meters.

Your browser does not support the video tag.

Video: This video demonstrates the actual day and night image quality of the camera, showcasing its performance in various lighting conditions.



Image: Comparison of day vision, color night vision, and infrared night vision modes provided by the camera.

## 5. MAINTENANCE

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### 5.1 Power Management

The camera is primarily powered by a solar panel, ensuring continuous operation without external wiring. It also has an internal battery and can be charged via a Type-C cable if needed.

- Ensure the solar panel is positioned in an area that receives direct sunlight for most of the day to maintain battery charge.
- In prolonged periods of low sunlight, the camera can be temporarily charged using a Type-C cable.



Image: The camera connected to a solar panel for continuous power and an alternative Type-C cable for charging.

### 5.2 Storage Management

The system includes a built-in HDD for video storage. It utilizes H.265+ compression technology to maximize storage

efficiency without compromising video quality. When the HDD is full, the oldest recordings are automatically overwritten to ensure continuous recording.

- The H.265+ compression allows for extended recording times, such as 15 days of continuous recording.
- No SD card is required as the monitor has an internal HDD.



Image: Illustration showing the internal HDD and the efficiency of H.265+ video compression for extended recording.

### 5.3 Cleaning

Periodically clean the camera lens and solar panel with a soft, damp cloth to ensure clear image quality and efficient solar charging. Avoid using harsh chemicals or abrasive materials.

## 6. TROUBLESHOOTING

If you encounter issues with your Jennov security camera system, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Camera not powering on.	Low battery, solar panel obstruction, power adapter issue.	Ensure solar panel is clean and receiving direct sunlight. Charge camera via Type-C cable for several hours. Check power adapter connection to monitor.
No image on monitor.	Camera not connected, monitor power off, HDMI cable issue.	Verify camera is powered on. Check monitor power. If using external display, ensure HDMI cable is securely connected and input is correct. Cameras should automatically pair with the monitor.
Cannot connect to Eseecloud app.	Network issue, incorrect app settings, camera not paired.	Ensure monitor is connected to your home network (wired or Wi-Fi). Verify correct network password in app. Re-add the camera system in the Eseecloud app if necessary. Check router signal strength.
Frequent false motion alarms.	Sensitive motion detection, environmental factors.	Adjust the motion detection sensitivity and detection area in the camera settings via the monitor or app. Avoid placing the camera where trees or bushes frequently move in the wind.
Poor night vision quality.	Obstruction, dirty lens, insufficient ambient light for color mode.	Clean the camera lens. Ensure no obstructions are blocking the infrared or white LEDs. Switch between color and infrared night vision modes to see which provides better clarity for the environment.

If these steps do not resolve the issue, please contact Jennov customer support for further assistance.

## 7. SPECIFICATIONS

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Feature	Detail
Brand	Jennov
Model Name	K2-P52-V18
Video Resolution	400 Megapixels (1600p / 2560x1600)
Viewing Angle	130 degrees
PTZ Rotation	Pan 355°, Tilt 90°
Connectivity Technology	Wireless (Wi-Fi), Wired (LAN), HDMI
Power Source	Solar Powered, Battery Powered, Corded Electric (Type-C)
Water Resistance	IP66 (Waterproof & Dustproof)
Operating Temperature	-20°C to 60°C
Night Vision Range	Up to 30 meters
Night Vision Type	Color Night Vision, Monochrome Infrared Night Vision
Motion Detection	AI Human Detection (PIR sensor)
Audio	Two-Way Audio, Audio Alarm
Video Compression	H.264+/H.265+
Storage	Built-in HDD (capacity not specified, but mentioned 15 days recording)
Expandability	Up to 10 channels (cameras)
Compatible Devices	Smartphone, Tablet, TV, Desktop, Laptop
App Support	Eseecloud
Product Dimensions	25 x 28 x 12 cm
Product Weight	90 grams
Certifications	Japanese Technical Conformity Certification, PSE Certified Power Adapter

## 8. WARRANTY & SUPPORT

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Jennov provides comprehensive support for your security camera system:

- **12-Month Warranty:** A 12-month quality warranty is provided from the date of purchase.
- **30-Day Return/Exchange:** In case of initial defects or natural malfunctions, returns or exchanges are possible within 30 days without requiring a detailed explanation.
- **Lifetime Technical Support:** Lifetime technical support is included for assistance with setup, operation, and any technical inquiries.

If you have any questions or require assistance during setup or operation, please do not hesitate to contact us.

**Contact Information:**

**Phone:** 05050509046

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**Email:** [supportjp@jennov.com](mailto:supportjp@jennov.com)



Image: Jennov customer support team ready to assist with inquiries.

