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› TIEJUS Security Cameras Wireless Outdoor User Manual

TIEJUS PW1

TIEJUS Security Cameras Wireless Outdoor User Manual

Model: PW1 | Brand: TIEJUS

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your TIEJUS Wireless Outdoor Security Cameras. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.



Figure 1.1: TIEJUS Wireless Outdoor Security Camera System

2. PRODUCT OVERVIEW

2.1 Key Features

- **2K HD Resolution & 3 Days Free Cycle Cloud Storage:** Provides clear 2K HD video with 4x digital zoom and includes 3 days of rotating cloud storage. Operates on 2.4GHz Wi-Fi (not compatible with 5G).
- **360° View & Multi-User Sharing:** Features 355° horizontal pan and 100° vertical tilt for comprehensive coverage. Supports sharing with multiple users for simultaneous viewing. Offers encrypted cloud storage or local storage via 16-256GB memory card (not included).
- **Custom Mode & AI Detection & 2 Notification Ways:** Allows customization of alarm schedules, notification sounds, activity areas, PIR sensitivity, and intervals. Includes 'human detection only' function via PIR and AI algorithms. Sends instant alerts via O-KAM Pro APP and E-mail.
- **IP66 Weatherproof & 2-Way Audio:** Designed to withstand all weather conditions (-13°F to 140°F / -25°C to 60°C). Ideal for various outdoor locations. Features two-way audio for communication.
- **100% Wireless & Battery and Solar Powered:** Equipped with a rechargeable battery and solar panels,

requiring only 1.5 hours of sunlight daily for continuous operation. Ensures a completely wire-free installation.

2.2 Package Contents

- TIEJUS Wireless Outdoor Security Camera (2 units)
- Solar Panel (2 units)
- Mounting Brackets
- Mounting Screws and Anchors
- USB Charging Cables
- User Manual



3. SETUP

3.1 Charging the Camera

Before initial use, fully charge the camera's internal battery using the provided USB cable. Connect the cable to the camera's charging port and a standard 5V USB power adapter (not included). The indicator light will show charging status.

3.2 App Download and Account Registration

1. Download the **O-KAM Pro** app from the App Store (iOS) or Google Play Store (Android).
2. Register for a new account or log in if you already have one.

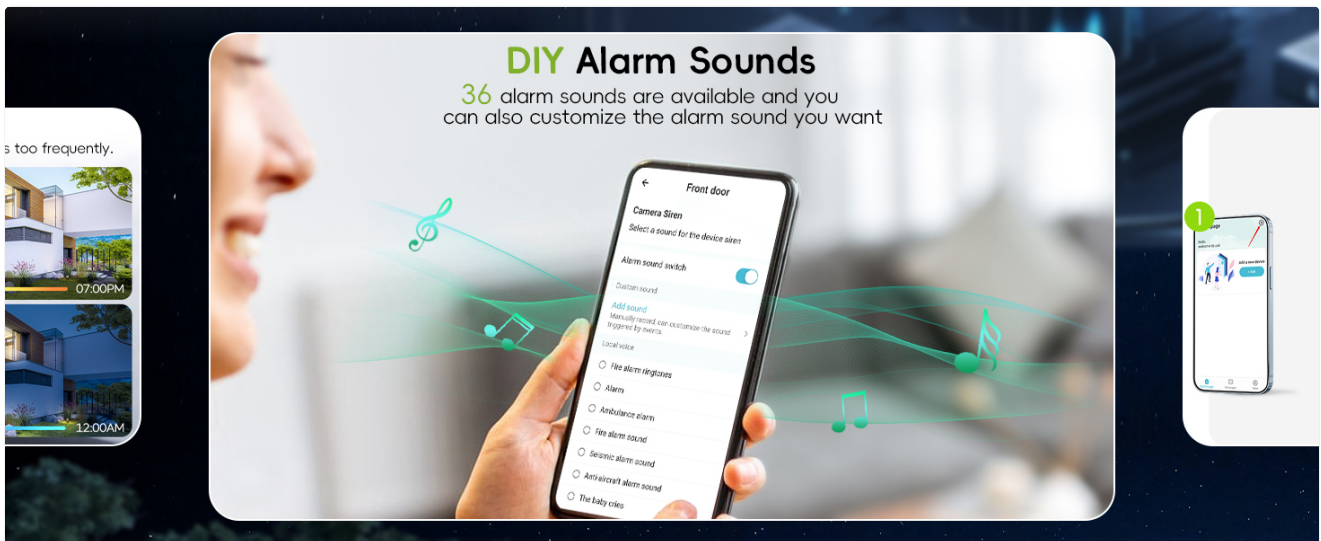


Figure 3.1: Easy Connection and Installation Steps

3.3 Connecting the Camera to Wi-Fi

1. Open the O-KAM Pro app and tap 'Add Device'.
2. Follow the on-screen prompts to select your camera model.
3. Power on the camera. The camera will enter pairing mode.
4. Scan the QR code displayed in the app with the camera lens. A voice prompt will confirm successful connection.
5. Name your camera and complete the setup process.

Note: Ensure your Wi-Fi network is 2.4GHz. 5GHz networks are not supported.

3.4 Mounting the Camera and Solar Panel

1. Choose a suitable outdoor location for the camera, ensuring a clear view and strong Wi-Fi signal.
2. Mount the camera using the provided screws and anchors. Ensure it is securely fastened.
3. Position the solar panel in a location that receives at least 1.5 hours of direct sunlight daily to ensure continuous power.
4. Connect the solar panel cable to the camera's charging port.

Install Once, Use Forever

365days non-stop power



Wireless



Solar Powered



Battery Powered



2.4GHz Wi-Fi

● 5GHz Wi-Fi is not supported.



Figure 3.2: Wireless and Solar Powered Installation

4. OPERATING THE CAMERA

4.1 Live View and Pan/Tilt Control

Open the O-KAM Pro app and select your camera to view the live feed. Use the on-screen controls to pan the camera 355° horizontally and tilt 100° vertically to cover a wide area without blind spots.

355° Pan & 100° Tilt

Wide field of view to see any you want

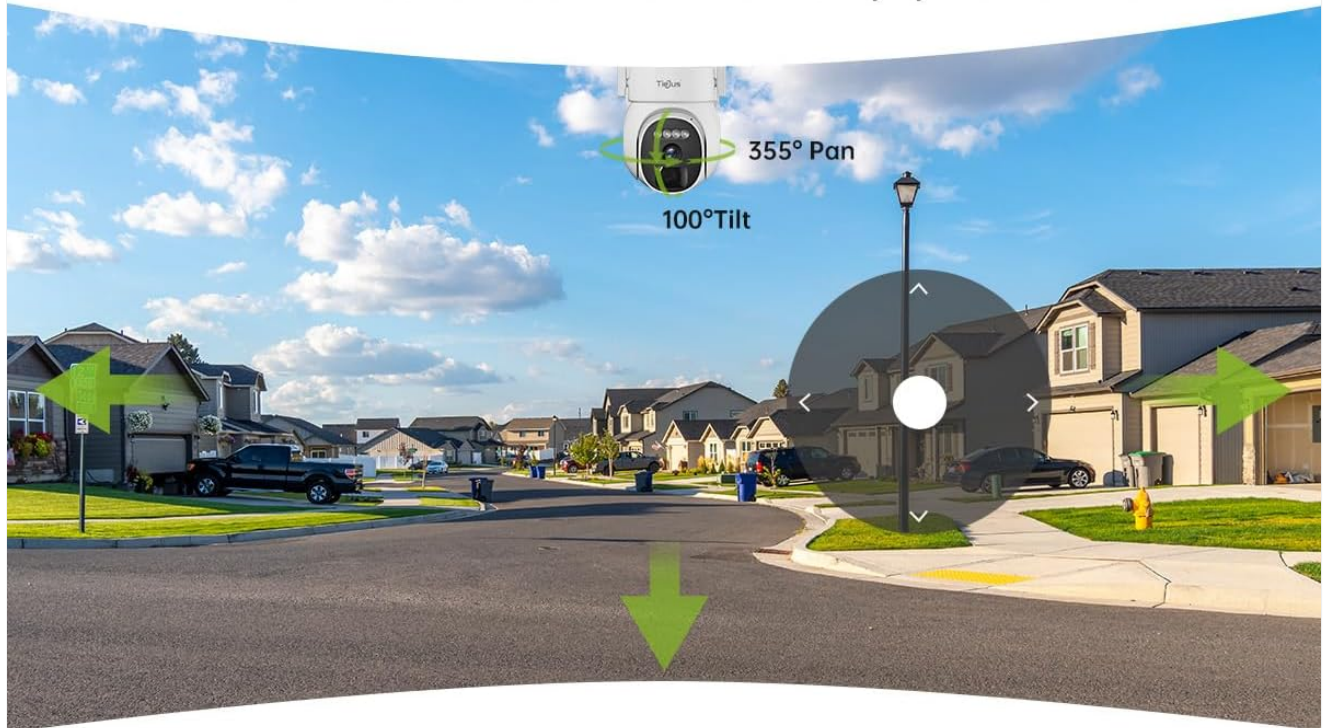


Figure 4.1: 360° View Pan/Tilt Functionality

4.2 Motion Detection and Alerts

The camera features advanced AI human detection. When suspicious motion is detected, the camera can trigger a siren, spotlight, and send instant alerts to your O-KAM Pro app and email.

- **Custom Activity Areas:** Define specific zones within the camera's view to monitor for motion, reducing false alarms.
- **Adjustable Sensitivity:** Modify the PIR sensitivity and detection intervals to suit your environment and reduce frequent notifications.
- **Alarm Schedule:** Set specific times for alarms to be active, preventing notifications during periods when they are not needed.

- **DIY Alarm Sounds:** Choose from 36 pre-set alarm sounds or customize your own.

Human Auto Tracking

Send instant alerts when detecting suspicious



Siren



Spotlight



2 Notification Ways





O-KAM Pro
Camera-Motion detection

now



E-Mail

now

Camera-Motion detection

Figure 4.2: Human Auto Tracking and Alert System



Figure 4.3: Adjustable Motion Detection Sensitivity

4.3 Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. This allows you to speak with visitors or deter unwanted guests directly through the app.



Figure 4.4: Two-Way Audio Communication

4.4 Night Vision

The camera provides clear color night vision, ensuring visibility even in low-light conditions up to 65 feet.

Color Night Vision

3MP image quality, See more clearly at night



2K Resolution

Figure 4.5: Color Night Vision in 2K Resolution

4.5 Storage Options

Your camera supports two storage methods:

- **Cloud Storage:** Enjoy 3 days of free rotating cycle cloud storage.
- **Local Storage:** Insert a Micro SD card (16-256GB, not included) into the camera's slot for local video recording.

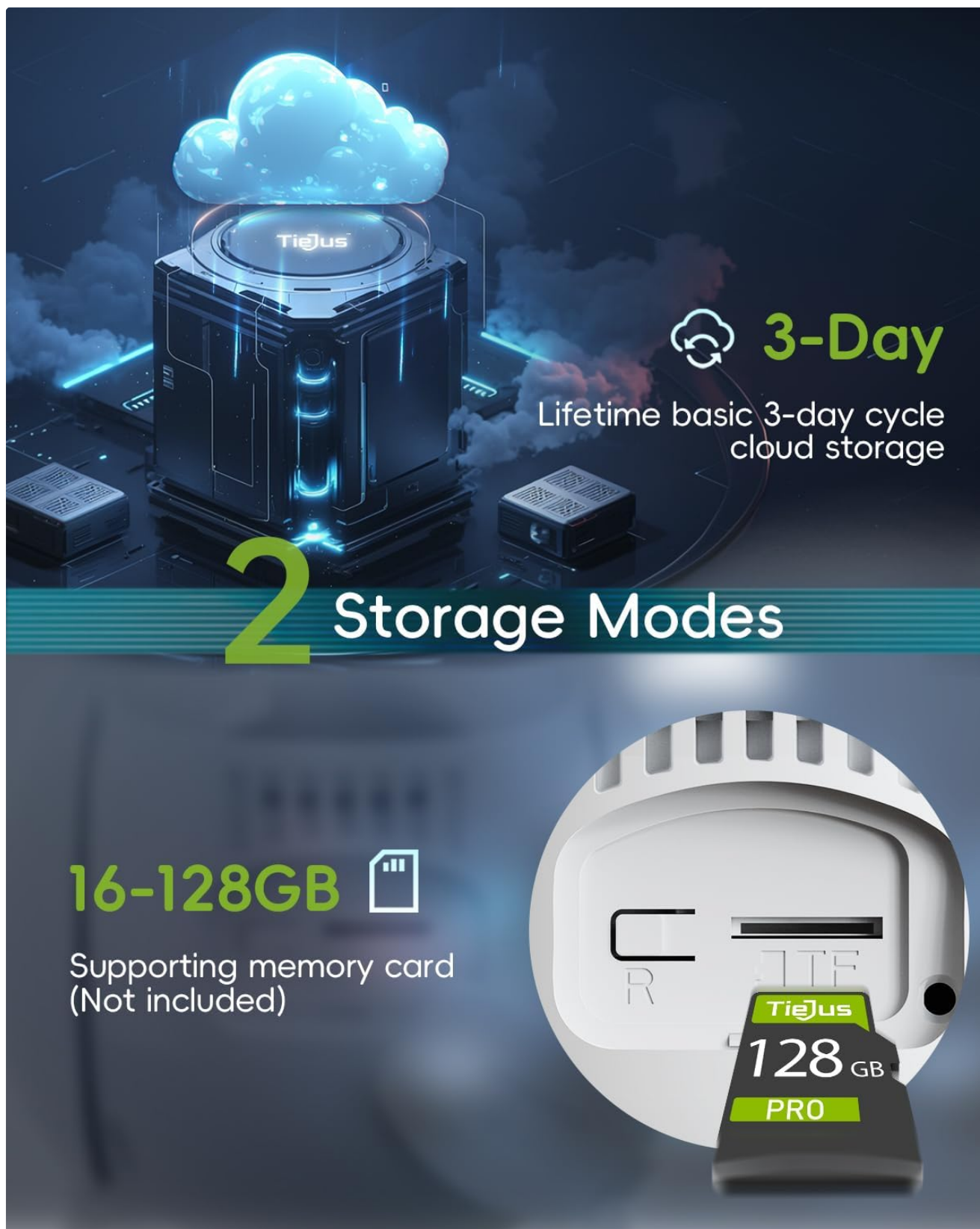


Figure 4.6: Cloud and Local Storage Options

4.6 Smart Home Integration

The TIEJUS camera is compatible with Amazon Alexa. You can use voice commands to view your camera feed on compatible Alexa-enabled devices.



Figure 4.7: Alexa Integration

5. MAINTENANCE

5.1 Cleaning the Camera

Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure optimal performance. Avoid using harsh chemicals or abrasive materials.

5.2 Weather Resistance

The camera has an IP66 weatherproof rating, designed to withstand various weather conditions including sun, rain, and snow. Ensure all ports are securely sealed to maintain water resistance.



Figure 5.1: IP66 Weatherproof Design

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

Issue	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password; 5GHz network; camera too far from router.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router. Restart camera and router.
Frequent false motion alerts	High PIR sensitivity; large activity area.	Adjust PIR sensitivity in the app. Define custom non-detection areas to exclude irrelevant zones.
Battery not charging or draining quickly	Insufficient sunlight for solar panel; faulty solar panel/cable; excessive motion detection.	Ensure solar panel receives direct sunlight. Check solar panel connection. Reduce motion detection frequency or sensitivity. Fully charge via USB if needed.
Poor video quality or lag	Weak Wi-Fi signal; network congestion.	Improve Wi-Fi signal strength. Reduce network traffic. Restart camera.
Two-way audio not working	Microphone/speaker muted in app; network issues.	Check app settings to ensure audio is enabled. Verify network connection.

If you encounter issues not listed here, please refer to the customer support section.

7. SPECIFICATIONS

Feature	Specification
Model Name	PW1
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	2K
Connectivity Technology	Wireless (Wi-Fi 2.4GHz)
Power Source	Solar Powered, Battery Powered
Pan/Tilt Range	355° Pan, 100° Tilt
Night Vision Range	65 Feet (Color Night Vision)
Weather Resistance	IP66
Operating Temperature	-13°F to 140°F (-25°C to 60°C)
Storage Support	Cloud Storage (3-day cycle), Micro SD Card (16-256GB)
Audio	2-Way Audio
Dimensions (L x W x H)	7.3 x 5.5 x 6.1 inches

Feature	Specification
Item Weight	4.13 pounds
UPC	768523805853

8. WARRANTY AND SUPPORT

8.1 Customer Service

For any questions, technical support, or warranty inquiries, please contact TIEJUS customer service through the following channels:

- **Online Chat:** Available 8 AM - 11 PM EST
- **Phone:** (+1) 2692189888 (8 AM - 11 PM EST)
- **Email:** Tech@tiejus.com

TIEJUS is committed to providing reliable support and ensuring customer satisfaction.



Figure 8.1: TIEJUS Brand Logo