Swann SWADS-446CAM-US

Swann SWADS-446CAM-US ADS-446 HD Pan and Tilt Wi-Fi Security Camera

Instruction Manual - Model: SWADS-446CAM-US

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Swann SWADS-446CAM-US ADS-446 HD Pan and Tilt Wi-Fi Security Camera. Please read this manual thoroughly before using the product to ensure proper setup and functionality. Retain this manual for future reference.

2. Product Overview

The Swann 446 is a 720p Wi-Fi and Local Network IP Camera designed for home and business security. It features 16ft (5m) night vision and one-way audio with a built-in microphone. The camera allows for remote viewing and control of its pan and tilt functions via a smartphone, and it saves high-definition video to a secure cloud server when triggered by events.

Key Features:

- **Plug & Play Wi-Fi Connectivity:** Easy setup with SwannLink 'Peer-to-Peer' technology for quick internet and smartphone connection.
- **Smart Alerts:** Receives notifications for detected activity, including facial detection, camera tampering, and intrusion.
- **Cloud Storage:** Automatically saves triggered HD video to a secure cloud server.
- **Remote Pan & Tilt:** Control camera movement up to 350 degrees horizontally and 100 degrees vertically via the internet, smartphone, or tablet.
- **Mobile Viewing:** Access live view and recordings using the free SwannCloud app on PC, Mac, tablets, and smartphones (iPhone, iPad, Android devices).



Figure 2.1: Front view of the Swann SWADS-446CAM-US HD Pan and Tilt Wi-Fi Security Camera.

3. Package Contents

Please check the package contents carefully. If any items are missing or damaged, contact your retailer or Swann customer support immediately.

- Swann SWADS-446CAM-US HD Pan and Tilt Wi-Fi Security Camera
- Power Adapter
- Ethernet Cable
- Mounting Screws and Plugs
- Operating Instructions (this manual)

- Security Stickers



Figure 3.1: All items included in the Swann SWADS-446CAM-US product package.

4. Setup

4.1. Powering On the Camera

1. Connect the power adapter to the camera's power input port.
2. Plug the power adapter into a wall outlet.
3. The camera will power on and begin its startup sequence. Wait for the status indicator light to show it's ready for connection (refer to the camera's LED indicator guide for specific light patterns).

4.2. Network Connection (Wi-Fi or Ethernet)

The camera supports both Wi-Fi and wired Ethernet connections.

Wi-Fi Connection:

1. Download the "SwannCloud" app from your device's app store (iOS App Store or Google Play Store).
2. Open the app and follow the on-screen instructions to create an account or log in.
3. Select "Add Device" and choose the Wi-Fi setup option.
4. Follow the app's prompts to connect the camera to your Wi-Fi network. This typically involves scanning a QR code on the camera or entering your Wi-Fi credentials.

Ethernet Connection:

1. Connect one end of the provided Ethernet cable to the camera's Ethernet port.
2. Connect the other end of the Ethernet cable to an available LAN port on your router or network switch.
3. The camera will automatically obtain an IP address from your network.
4. Use the SwannCloud app or a web browser (refer to advanced setup instructions on Swann's support website for browser access) to discover and add the camera to your account.

4.3. Mounting the Camera (Optional)

The camera can be placed on a flat surface or mounted to a wall or ceiling. Choose a location that provides the desired viewing angle and is within range of your Wi-Fi signal (if using Wi-Fi).

1. Identify a suitable mounting location.
2. Use the provided mounting template (if included, or mark holes directly) to drill pilot holes.
3. Insert wall plugs if mounting into drywall or masonry.
4. Secure the camera's base to the surface using the provided screws.



Figure 4.1: Close-up view of the camera's base, showing potential mounting points.

5. Operating Instructions

5.1. Live View and Pan & Tilt Control

- Open the SwannCloud app on your smartphone or tablet.
- Select your camera from the device list to access the live view.
- Use the on-screen joystick or directional arrows to pan (move horizontally) and tilt (move vertically) the camera lens.
- Pinch to zoom in or out on the live feed (digital zoom).

5.2. Recording and Playback

- **Manual Recording:** Tap the record button in the live view interface to start/stop manual recording. These recordings are typically saved to your mobile device.
- **Event Recording:** The camera automatically records when motion or other smart alerts are triggered. These recordings are saved to the secure cloud server.
- **Playback:** Access the "Playback" or "Cloud Events" section within the app to review recorded footage. You can filter by date and event type.

5.3. Smart Alerts and Notifications

- Configure alert settings in the SwannCloud app under your camera's settings.
- Enable motion detection, facial detection, or camera tampering alerts as desired.
- Adjust sensitivity levels to minimize false alarms.
- Ensure push notifications are enabled on your mobile device for the SwannCloud app to receive real-time alerts.

5.4. Audio Features

- The camera has a built-in microphone for one-way audio monitoring.
- Tap the speaker icon in the live view to listen to audio from the camera's location.

6. Maintenance

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Firmware Updates:** Periodically check the SwannCloud app for available firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance and security.
- **Network Stability:** Ensure your Wi-Fi network is stable and strong to maintain consistent camera connectivity.
- **Cloud Storage:** Monitor your cloud storage usage through the SwannCloud app. Ensure sufficient space is available for new recordings.

7. Troubleshooting

If you encounter issues with your camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera offline/Cannot connect	No power; Wi-Fi signal too weak; Incorrect Wi-Fi password; Router issue.	Check power connection; Move camera closer to router; Re-enter Wi-Fi password in app; Restart router and camera.
Poor video quality	Insufficient bandwidth; Dirty lens; Low light conditions.	Ensure stable internet connection; Clean the camera lens; Verify night vision is active in low light.
No motion alerts	Motion detection disabled; Sensitivity too low; App notifications off.	Enable motion detection in app settings; Increase sensitivity; Enable push notifications for SwannCloud app.
Pan/Tilt not responding	Network lag; Camera motor issue.	Check network connection; Restart camera; If issue persists, contact support.

8. Specifications

Feature	Detail
Model Number	SWADS-446CAM-US
Brand	Swann
Connectivity Technology	Wireless (Wi-Fi), Wired (Ethernet)
Video Capture Resolution	720p HD
Night Vision Range	16 Feet (5 meters)
Pan Angle	Up to 350 degrees
Tilt Angle	Up to 100 degrees
Audio	1-Way Audio (Built-in Microphone)
Alert Types	Motion, Facial Detection, Camera Tampering
Control Method	App (SwannCloud)
Compatible Devices	Desktop, Tablet, Smartphone (iOS, Android)
Dimensions (L x W x H)	4.72 x 4.72 x 8.27 inches
Item Weight	1.8 pounds
International Protection Rating	IP65
UPC/GTIN	815849019706

9. Warranty and Support

Specific warranty terms and conditions for the Swann SWADS-446CAM-US camera are not detailed within this manual. For the most current warranty information, technical support, and frequently asked questions, please visit the official Swann website or contact Swann customer service directly.

Online Resources: www.swann.com

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Example: How do I reset this device or fix this error?

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