Swann SW233-ADW

Swann ADW300 Digital Wireless Security Camera
MODEL: SW233-ADW

1. INTRODUCTION

The Swann ADW300 Digital Wireless Security Camera Kit provides a reliable and interference-free solution for monitoring your home or business. Utilizing Advanced Digital Wireless (ADW) technology, this system ensures clear video and sound transmission without interference from common household devices like microwave ovens, cordless phones, or Wi-Fi routers. Designed for both indoor and outdoor use, the camera offers enhanced security and privacy with its encrypted digital signal.

2. PACKAGE CONTENTS

Verify that all components are present in your package:

- Digital wireless camera
- Digital receiver
- 2 antennas
- AV cable
- Mounting screws
- 2 power adapters
- User manual

3. SETUP

The ADW300 system is designed for simple 'plug & play' installation, typically completed in under 10 minutes.

3.1 Camera Placement and Mounting

The camera features a robust metal casing and an easy-mount bracket, making it suitable for both indoor and outdoor environments. Choose a location that provides the desired viewing angle and is within the wireless transmission range (up to 165 feet / 50 meters indoors, or up to 328 feet / 100 meters in direct line of sight outdoors, depending on local conditions). Use the provided mounting screws to secure the camera.

Image: The Swann ADW300 Digital Wireless Security Camera and its receiver, illustrating the compact design of both units. The camera is shown with its mounting bracket, suitable for various installations.

3.2 Connecting the Receiver

1. Connect the receiver to a power source using one of the provided power adapters.
2. Attach an antenna to the receiver.
3. Connect the receiver to your desired audio/video input device (e.g., TV, monitor, DVR) using the supplied AV cable.

3.3 Camera Power and Pairing

1. Connect the camera to a power source using the second power adapter.
2. Attach an antenna to the camera.
3. The camera and receiver are pre-set to the same channel for easy installation. They will automatically 'pair' to establish a secure, point-to-point encrypted signal.
4. If manual channel adjustment is needed, refer to the receiver's on-screen menu.

4. OPERATING INSTRUCTIONS

Once set up, the ADW300 provides clear video and audio surveillance.

4.1 Viewing Live Feed

Switch your connected TV or monitor to the appropriate AV input channel to view the live feed from the camera.

4.2 Advanced Camera Functions

The receiver features buttons that allow control over the camera's functions:

- **Zoom:** Digitally magnify the image.
- **Pan/Tilt:** Adjust the camera's view (digitally, within the magnified area).
- **Menu (M) Button:** Access the on-screen display to adjust settings such as volume levels for the camera's built-in microphone.

4.3 Night Vision

The camera automatically switches to infra-red night vision in low-light conditions, providing clear images up to 26 feet (8 meters).

4.4 Multiple Camera Views

The receiver supports up to 4 cameras. If additional ADW-300/X cameras are purchased, you can switch between camera views using the receiver's channel selection feature.

5. MAINTENANCE

To ensure optimal performance and longevity of your Swann ADW300 camera, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth. Avoid abrasive cleaners.
- **Environmental Protection:** The camera features an all-weather housing (IP66 rated) designed to withstand various outdoor conditions. However, ensure it is securely mounted to prevent damage from strong winds or impacts.
- **Power Supply:** Use only the provided power adapters. Ensure connections are secure and free from moisture.

6. TROUBLESHOOTING

If you encounter issues with your ADW300 system, consider the following:

6.1 No Video/Poor Signal

- **Power Check:** Ensure both the camera and receiver are properly powered and their power adapters are securely connected.
- **Antenna Check:** Verify that antennas are securely attached to both the camera and receiver.
- **Range:** Confirm the camera is within the effective wireless transmission range of the receiver. Obstructions like thick walls can reduce range.
- **Interference:** While the ADW300 is designed for zero interference, extreme electromagnetic environments can still affect performance. Try repositioning the camera or receiver.
- **Channel Mismatch:** If the camera and receiver are not paired, manually change the channel in the receiver's menu and follow on-screen prompts to re-establish connection.

6.2 Night Vision Issues

- **Obstructions:** Ensure there are no objects directly in front of the camera lens that could reflect the infrared light back, causing glare or poor night vision clarity.
- **Power:** Insufficient power can affect IR LED performance. Verify the power adapter is functioning correctly.

7. SPECIFICATIONS

- **Model Number:** SW233-ADW
- **Connectivity Technology:** Wireless (Digital 2.4 GHz)
- **Wireless Range:** Up to 165 ft (50m) indoors, 328 ft (100m) line of sight outdoors
- **Night Vision Range:** 26 feet (8 meters)
- **Power Source:** Corded Electric
- **Material:** Metal
- **Dimensions (L x W x H):** 10.71 x 4.17 x 8.5 inches
- **Item Weight:** 2.35 pounds
- **International Protection Rating:** IP66 (All-Weather Housing)
- **Video Capture Format:** MJPEG
- **Photo Sensor Technology:** CMOS
- **Special Features:** Motion Sensor, Night Vision, Pan/Tilt/Zoom (digital)
- **Included Components:** Digital wireless camera, Digital receiver

8. WARRANTY AND SUPPORT

Swann provides lifetime support for its products. For technical assistance, warranty claims, or further inquiries, please refer to the contact information provided in your product packaging or visit the official Swann support website.