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Aiwixen ADVR-2MP1CAM-BLACK

Aiwixen 1080P HD Security Camera Instruction Manual

Model: ADVR-2MP1CAM-BLACK | Brand: Aiwixen

1. Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Aiwixen 1080P HD Security Camera (Model ADVR-2MP1CAM-BLACK). Please read this manual thoroughly before using the product to ensure proper setup and functionality. Keep this manual for future reference.

2. Product Overview

Key Features

- **1080P HD Resolution:** Provides clear 2MP (1920x1080) video for detailed surveillance.
- **4-in-1 Video Output:** Supports AHD, TVI, CVI, and CVBS (960H) video formats, ensuring compatibility with various DVR systems.
- **80ft IR Night Vision:** Equipped with infrared LEDs for clear imaging in low-light conditions up to 80 feet.
- **IP68 Weatherproof Rating:** Designed for both indoor and outdoor use, capable of withstanding harsh weather conditions.
- **Flexible 3-Axis Mounting:** Allows for versatile installation on walls or ceilings.

Image: Overview of the Aiwixen 1080P 4-in-1 Security Camera highlighting its features.

Package Contents

Verify that all items are present in your package:

- Security Camera x1
- Mounting Screw Kit x1

Note: *A power supply adapter and CCTV cable are not included and must be purchased separately. This camera requires connection to a DVR for operation and is not compatible with NVR systems.*

3. Installation Guide

Mounting the Camera

The camera features a flexible 3-axis mounting bracket, allowing for installation on various surfaces such as walls or ceilings. Choose a location that provides the desired field of view and is within reach of power and video cables.

1. Position the camera bracket at the desired mounting location.
2. Mark the drill holes through the bracket onto the surface.
3. Drill pilot holes if necessary, then secure the bracket using the provided mounting screws.
4. Adjust the camera angle as needed using the flexible bracket.

Image: The camera's flexible 3-axis mounting bracket, demonstrating wall and ceiling installation options.

Wiring and Connection

This camera is a wired analog camera and requires a direct connection to a compatible DVR system. It needs both a power supply and a video cable (BNC cable) to function.

1. Connect the camera's video output (BNC connector) to an available video input port on your DVR.
2. Connect a 12V DC power adapter (not included) to the camera's power input.
3. Ensure all connections are secure to prevent signal loss or power interruptions.

Image: The Aiwixen camera shown with both Aiwixen and third-party DVR systems, indicating compatibility.

Video Mode Configuration (4-in-1)

The camera supports AHD, TVI, CVI, and CVBS video formats. To ensure proper image display, the camera's video output mode must match the input mode of your DVR. Typically, the video mode can be switched using a joystick on the camera's cable or through the DVR's OSD (On-Screen Display) menu. Refer to your DVR's manual for specific instructions on configuring video input modes.

4. Operating Instructions

Day and Night Vision

The camera automatically switches between day (color) and night (black and white infrared) modes based on ambient light conditions. The infrared LEDs activate automatically in low light to provide clear night vision up to 80 feet.

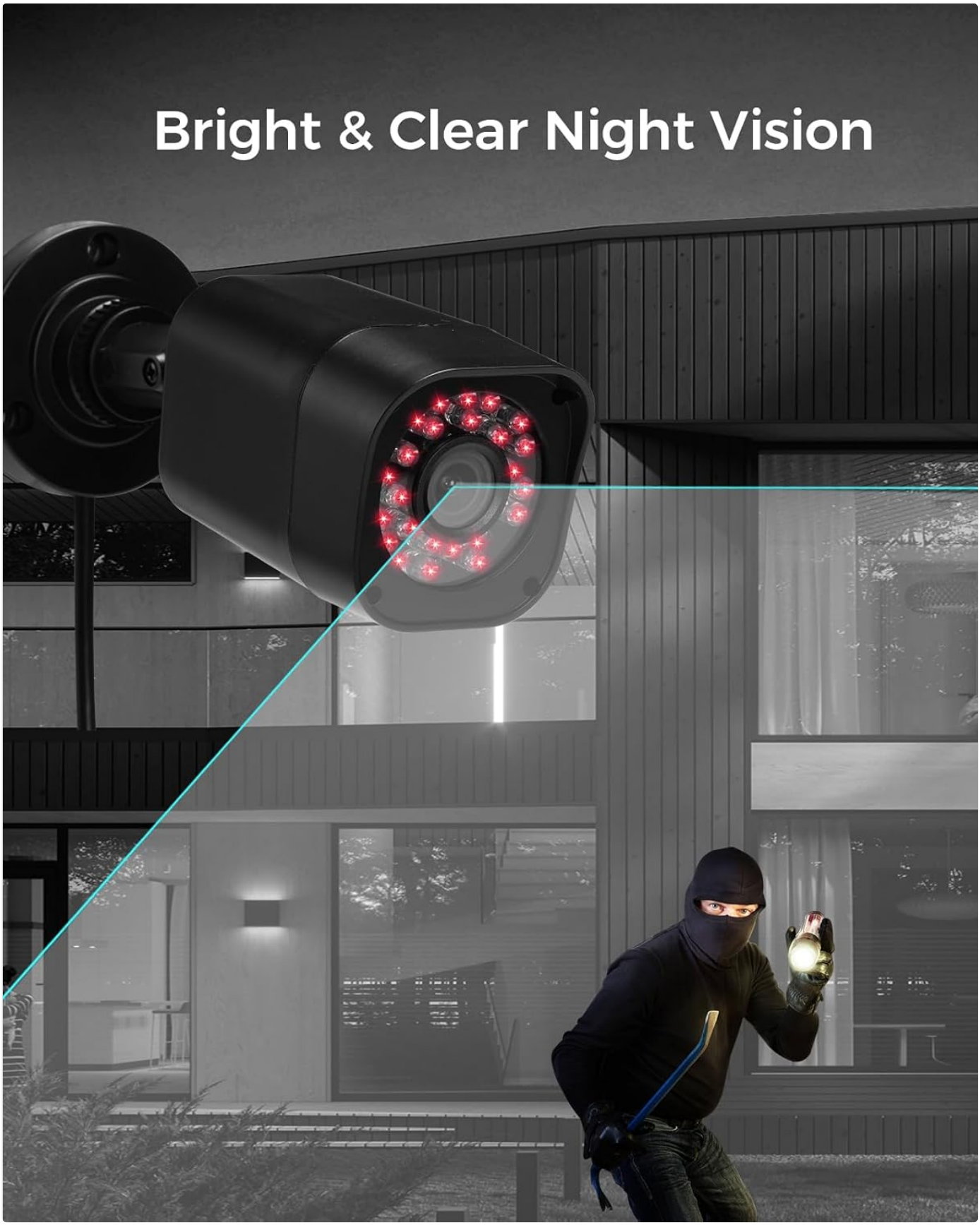

Image: Demonstration of the camera's bright and clear night vision capability.

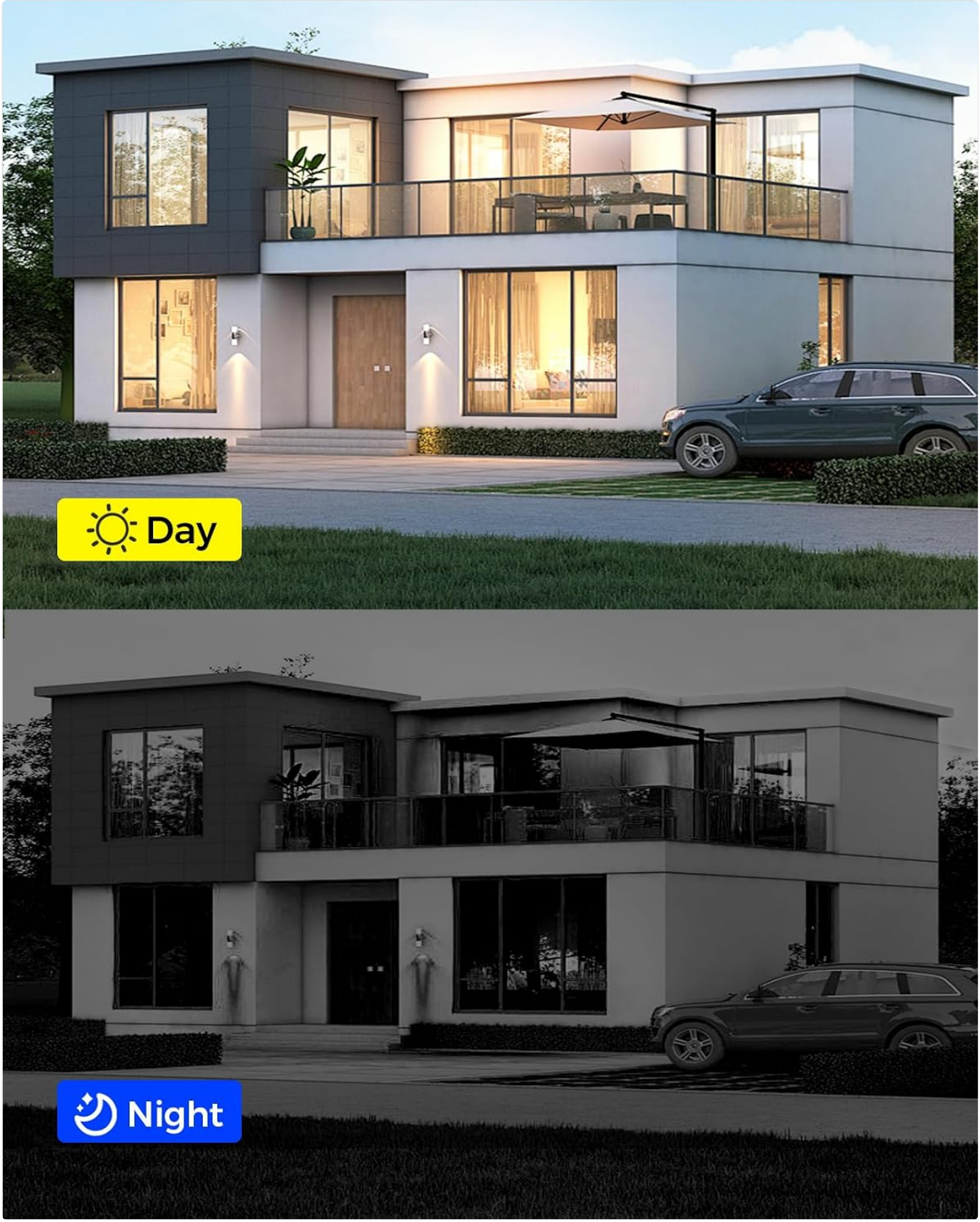

Image: Comparison illustrating the camera's view during day and night conditions.

Recording and Playback

Recording and playback functions are managed entirely by your connected DVR system. Refer to your DVR's instruction manual for details on setting up recording schedules, motion detection, and accessing recorded footage.

Image: A monitor displaying continuous surveillance footage, indicating 24-hour monitoring.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your security camera.

- **Cleaning the Lens:** Periodically clean the camera lens with a soft, damp cloth to remove dust, dirt, or water spots that may affect image clarity. Avoid abrasive cleaners.
- **Checking Connections:** Regularly inspect all cable connections (power and video) to ensure they are secure and free from corrosion or damage, especially for outdoor installations.
- **Environmental Protection:** Although IP68 rated, ensure the camera is not submerged in water or exposed to extreme physical impact.

Image: The IP68 waterproof camera operating effectively during rainfall, demonstrating its durability.

6. Troubleshooting

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

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No image on monitor/DVR	• No power to camera • Loose video cable connection • Incorrect video mode (AHD/TVI/CVI/CVBS) • DVR input port issue	• Check power adapter and connection. • Ensure BNC cable is securely connected at both ends. • Verify camera's video mode matches DVR input. Adjust if necessary. • Try connecting to a different DVR input port.
Poor image quality / blurry video	• Dirty camera lens • Cable interference or damage • Incorrect video resolution setting on DVR	• Clean the camera lens with a soft cloth. • Inspect video cable for damage; replace if necessary. Ensure cables are not near strong electrical interference. • Confirm DVR is set to 1080P resolution for the camera's input.
Night vision not working or dim	• IR LEDs obstructed • Insufficient power supply • Light sensor blocked	• Ensure nothing is blocking the IR LEDs or the camera's view. • Verify power supply meets camera requirements (12V DC). • Check if the light sensor is clean and unobstructed.

7. Technical Specifications

Feature	Specification
Model Name	Bullet Surveillance Camera
Model Number	ADVR-2MP1CAM-BLACK
Video Capture Resolution	1080p (2MP)
Connectivity Technology	Wired
Video Output Formats	AHD/TVI/CVI/CVBS (4-in-1)
Night Vision Range	80 feet
Indoor/Outdoor Usage	Indoor, Outdoor
Water Resistance Level	IP68 Waterproof
Power Source	Corded Electric (12V DC, adapter not included)
Mount Type	Wall Mount
Item Dimensions	7.5 x 4 x 3.2 inches
Photo Sensor Technology	CMOS
Focus Type	Fixed Focus

Feature	Specification
Light Source	Infrared

8. Customer Support and Warranty

Aiwixen is committed to providing reliable service and support for its products.

- **Customer Support:** 24-hour online customer support is available for any questions or assistance you may need.
- **Warranty:** This product includes a 12-month replacement warranty.

For technical support or warranty claims, please contact Aiwixen customer service through the platform where you purchased the product or visit the official Aiwixen store page.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question