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› [Anlapus 1080P Hybrid 4-in-1 Security Camera Instruction Manual \(Model AJ-A1C-137C4-BPS-A\)](#)

Anlapus AJ-A1C-137C4-BPS-A

Anlapus 1080P Hybrid 4-in-1 Security Camera Instruction Manual

Model: AJ-A1C-137C4-BPS-A

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Anlapus 1080P Hybrid 4-in-1 Security Camera (Model AJ-A1C-137C4-BPS-A). Please read this manual thoroughly before using the product to ensure proper functionality and safety.

This camera is designed for both indoor and outdoor surveillance, offering high-definition video and versatile compatibility with various DVR systems.

2. PRODUCT FEATURES

- **4-in-1 Hybrid Compatibility:** Supports HD-TVI, AHD, CVI, and CVBS/960H video formats. Compatible with 960H, 720P, 1080P, 3MP, 5MP, and 4K analog DVRs.
- **1080P HD Resolution:** Provides clear and sharp video footage.
- **OSD Menu for Signal Switching:** Easily switch between video modes (1080P AHD, 1080P CVI, 1080P TVI, 960H CVBS) using the built-in OSD joystick. Default mode is 1080P HD-TVI.
- **80ft Night Vision:** Equipped with 24 infrared LEDs and an automatic IR-CUT filter for clear night vision up to 80 feet (24 meters).
- **IP66 Weatherproof & Metal Housing:** Durable aluminum alloy construction designed to withstand rain, snow, and extreme temperatures (-10°C to 55°C / 14°F to 131°F).
- **Wide Viewing Angle:** Features a 3.6mm fixed lens providing a 90-degree field of view.
- **Flexible Installation:** 3-axis adjustable bracket with cable pass-through for secure indoor or outdoor mounting (wall or ceiling).

Anlapus

1080p Hybrid 4-in-1 TVI/CVI/AHD/CVBS Camera

for DVR Security Systems



1080p Full HD



IP66 Weatherproof



80ft Night Vision



Metal Housing



Image: The Anlapus 4-in-1 Hybrid Security Camera supports multiple video output modes, including CVBS 960H, AHD, CVI, and TVI, making it compatible with various DVR systems.

3. SETUP AND INSTALLATION

3.1 Package Contents

Before installation, ensure all components are present:

- Anlapus 1080P Hybrid 4-in-1 Security Camera
- Mounting Template
- Mounting Screw Bag
- Quick Start Guide (this manual)

Note: A compatible DVR, power supply, and CCTV video/power cables are **not included** and are required for operation. This camera cannot operate independently.



Image: Detailed view of the camera components, including the OSD joystick for mode switching, power port, and video output.

3.2 Physical Installation

1. **Choose a Location:** Select a suitable indoor or outdoor location for optimal surveillance coverage. Ensure the camera is within range of your DVR and power source.
2. **Mounting:** Use the provided mounting template to mark drill holes. Securely attach the camera to the wall or ceiling using the screws and anchors. The 3-axis adjustable bracket allows for flexible positioning.
3. **Cable Management:** Route the video and power cables through the bracket's cable pass-through for a secure and tidy installation.

Mount Anywhere, Secure Everything



Image: The camera can be mounted on ceilings or walls, suitable for various indoor and outdoor environments.

3.3 Wiring Connections

1. **Connect to DVR:** Connect the camera's video output cable (BNC connector) to an available video input port on your DVR.
2. **Power Connection:** Connect the camera's power input to a 12V DC power adapter (not included).
3. **DVR Setup:** Ensure your DVR is properly connected to a monitor and power source.

Stable Wired Connection



NOTE: DVR, power supply and BNC cable are not included.

Image: Wiring diagram showing how to connect the camera to a DVR, power supply, and monitor. Note that DVR, power supply, and BNC cables are sold separately.

3.4 Switching Video Output Mode

The camera's default video mode is 1080P HD-TVI. If your DVR supports a different format, you must switch the camera's output mode using the OSD joystick on the camera cable.

1. **Identify DVR Format:** Determine which video format your DVR supports (AHD, CVI, TVI, or CVBS/960H). This is crucial for compatibility.
2. **Connect Camera:** Ensure the camera is connected to the DVR and powered on.

3. **Use OSD Joystick:** Press and hold the OSD joystick in the corresponding direction for approximately 5 seconds to switch modes:

- **UP:** CVBS 960H
- **DOWN:** CVI
- **LEFT:** AHD
- **RIGHT:** TVI

4. **Verify:** Check the monitor connected to your DVR to confirm the video feed appears correctly after switching modes.

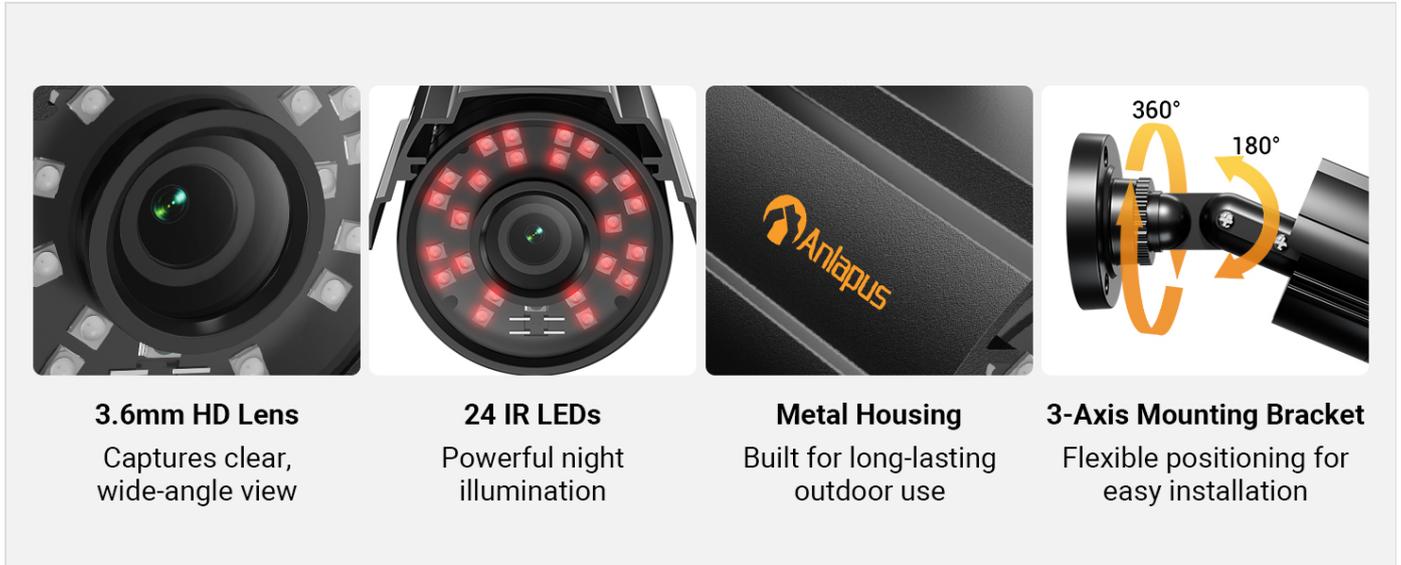


Image: Step-by-step guide on using the OSD joystick to select the correct video output mode for your DVR.

4. OPERATING INSTRUCTIONS

4.1 Day and Night Vision

The camera automatically switches between day (color) and night (black and white infrared) vision modes based on ambient light conditions. The built-in IR-CUT filter ensures accurate color reproduction during the day and enhanced clarity in low-light conditions.

With 24 infrared LEDs, the camera provides clear night vision up to 80 feet (24 meters) in total darkness.

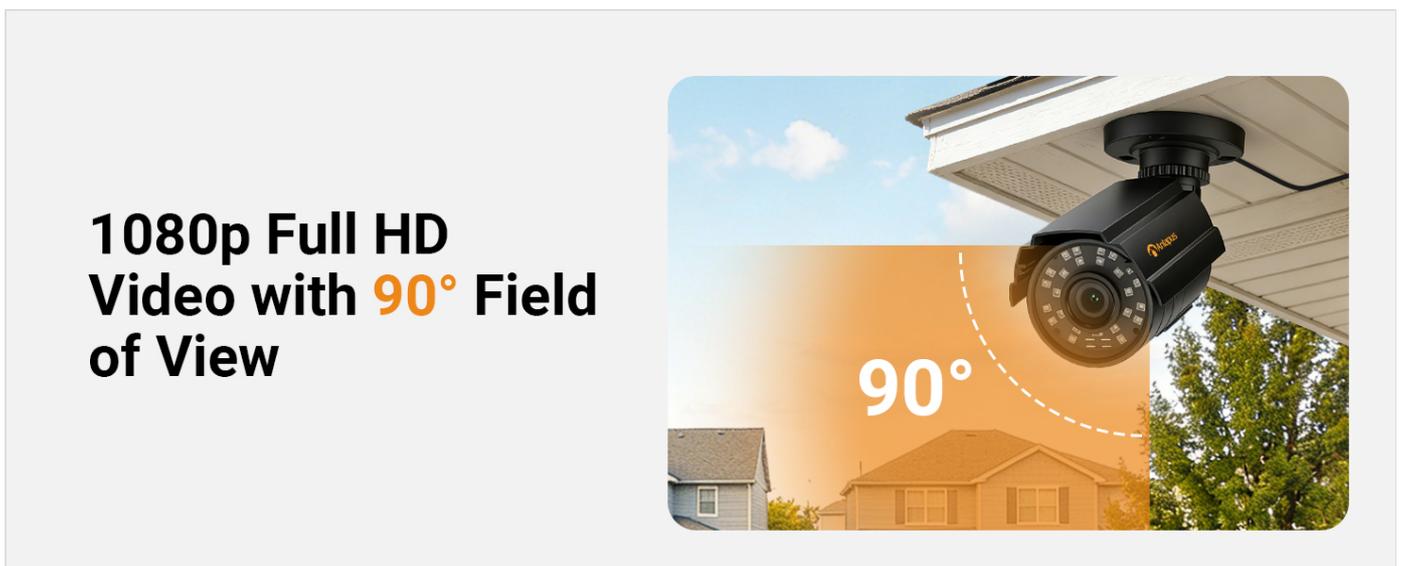


Image: The camera provides clear 1080p HD monitoring around the clock, with automatic switching between day and 80ft night vision.

5. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens and housing with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surface.
- **Cable Inspection:** Periodically check all cable connections for wear, damage, or loose contacts. Ensure cables are securely fastened and protected from environmental elements.
- **Environmental Conditions:** While the camera is IP66 weatherproof, extreme conditions can still affect performance. Ensure the camera is not directly exposed to prolonged standing water or excessive debris accumulation.
- **Firmware Updates:** Check the Anlapus official website for any available firmware updates for your DVR or camera model to ensure optimal performance and security.

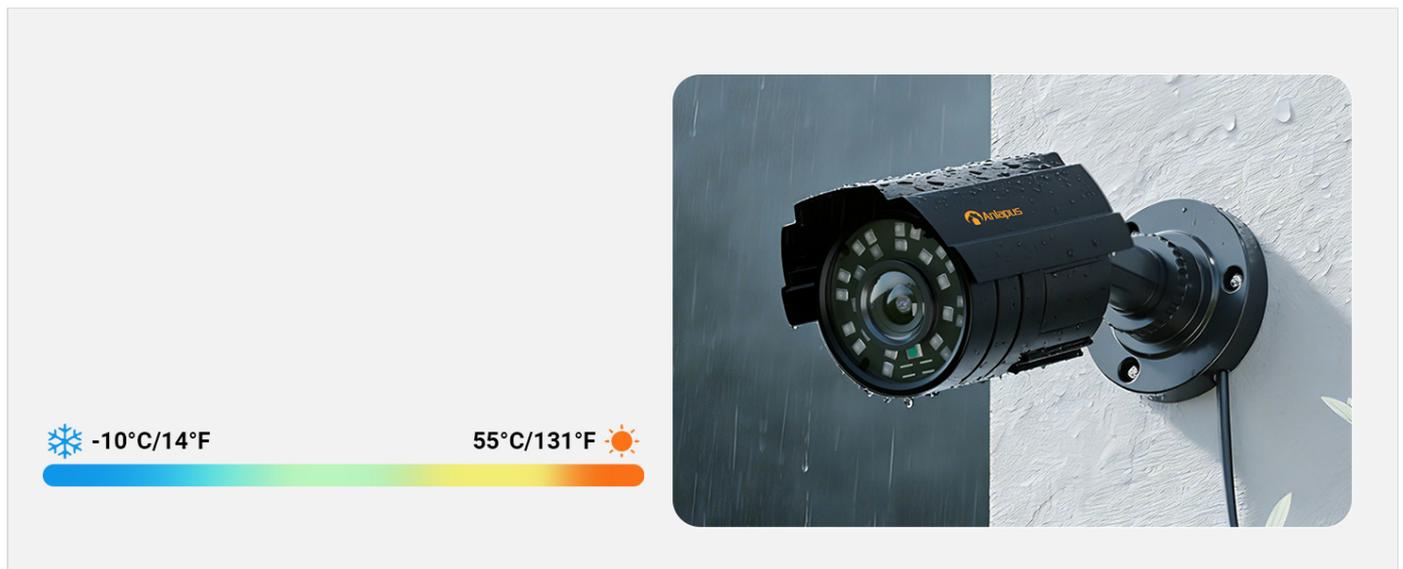


Image: The camera's IP66 weatherproof rating ensures durability in various outdoor conditions, from -10°C to 55°C (14°F to 131°F).

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No video signal on DVR.	Incorrect video output mode selected. Loose or faulty cable connection. No power to camera or DVR.	Verify and switch the camera's video output mode using the OSD joystick to match your DVR (Section 3.4). Check all BNC and power cable connections. Ensure camera and DVR are powered on.
Poor image quality / blurry video.	Dirty lens. Interference.	Clean the camera lens with a soft cloth. Ensure cables are not near strong electrical interference sources.
Night vision not working.	IR LEDs obstructed. Insufficient power. Faulty IR sensor.	Clear any obstructions in front of the IR LEDs. Ensure the camera is receiving stable 12V DC power. Contact support if the issue persists.
Camera not recognized by DVR.	Incompatible video format. DVR channel not configured.	Ensure the camera's output mode matches the DVR's input format (Section 3.4). Refer to your DVR's manual for channel configuration.

7. SPECIFICATIONS

Feature	Detail
Model Name	AJ-A1C-137C4-BPS-A
Video Resolution	1080P (2MP)
Video Formats Supported	HD-TVI, AHD, CVI, CVBS/960H
Lens	3.6mm Fixed Lens
Viewing Angle	90 Degrees
Night Vision Range	Up to 80 feet (24 meters)
IR LEDs	24 pcs
Housing Material	Metal (Aluminum Alloy)
Weatherproof Rating	IP66
Operating Temperature	-10°C to 55°C (14°F to 131°F)
Power Source	12V DC (Power adapter not included)
Connectivity Technology	Wired (BNC)
Dimensions	6.81 x 2.8 x 2.87 inches

8. WARRANTY AND SUPPORT

Anlapus products are designed for reliability and performance. For warranty information and technical support, please refer to the official Anlapus website or contact their customer service directly.

Online Support: Visit the [Anlapus Store on Amazon](#) for FAQs and product information.

Technical Assistance: If you encounter any issues not covered in this manual, please contact Anlapus customer support for assistance.

