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ANNKE 3216560391

ANNKE 1080P HD-TVI Security Camera

User Manual

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ANNKE 1080P HD-TVI Security Camera system. These cameras are designed to provide reliable surveillance with advanced features such as 1080P Full HD resolution, Smart Color Night Vision, and IP67 weatherproof rating, ensuring comprehensive security for your property.



Image: Four ANNKE 1080P HD-TVI Security Cameras, showcasing the product's appearance.

2. Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.



Image: A visual representation of the package contents, including cameras, cables, power supply, and mounting hardware.

- 4 x ANNKE 1080P HD-TVI Security Cameras
- 4 x 60 ft BNC Cables
- 1 x 1-to-4 Splitter Cable
- 1 x Power Supply
- 1 x Wall Sticker

- 1 x User Manual
- 4 x Screws and Wall Plugs

3. Product Components

Familiarize yourself with the main components of the ANNKE security camera.



Image: Detailed view of the camera highlighting its plastic housing, 3.6mm HD lens, white light, video output, power port, and dimensions (8.5cm/3.35 inches height, 8.46cm/3.33 inches width).

- **Plastic Housing:** Durable outer casing for protection.
- **3.6 mm HD Lens:** Captures high-definition video.
- **White Light:** Provides illumination for color night vision.
- **Video Output:** Connects to your DVR/NVR for video signal.

- **Power Port:** Connects to the power supply.

4. Installation & Setup

Proper installation ensures optimal performance and coverage.

4.1 Mounting Options

The cameras support various mounting methods, including wall mount and ceiling mount, allowing for flexible placement to suit your surveillance needs.

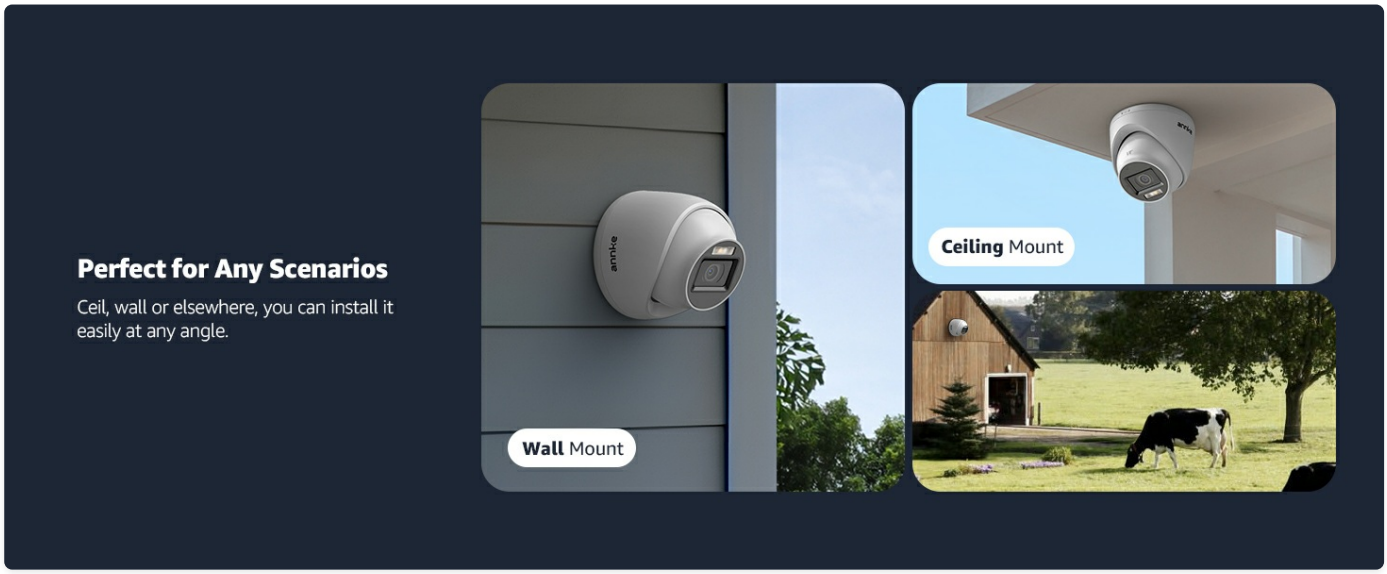


Image: Examples of the camera installed on a wall and ceiling, illustrating its adaptability for different scenarios.

4.2 Wiring and Connection

1. **Positioning:** Choose a location that provides the desired field of view and is within reach of power and video cables.
2. **Mounting:** Securely attach the camera to the chosen surface using the provided screws and wall plugs.
3. **Connect Video Cable:** Connect one end of the BNC cable to the camera's video output port and the other end to the video input port on your DVR/NVR.
4. **Connect Power:** Use the 1-to-4 splitter cable to connect the power supply to each camera's power port. Plug the power supply into a standard electrical outlet.
5. **System Power On:** Power on your DVR/NVR system. The cameras should automatically connect and display video.

5. Operation

5.1 Video Quality

The ANNKE cameras deliver 1080P Full HD resolution, providing clear and detailed images. With a 30 frames per second (fps) wired connection, the video feed is smooth and authentic.



Image: A visual comparison demonstrating the superior clarity of 1080P Full HD video compared to 720P.



Image: A sequence of frames demonstrating the fluidity of 30fps video, showing a person moving a cart smoothly.

5.2 Night Vision Modes

The camera offers flexible night vision options, including standard IR mode and full-color night vision, which can be manually set or activated by smart dual-light technology upon detecting intruders.

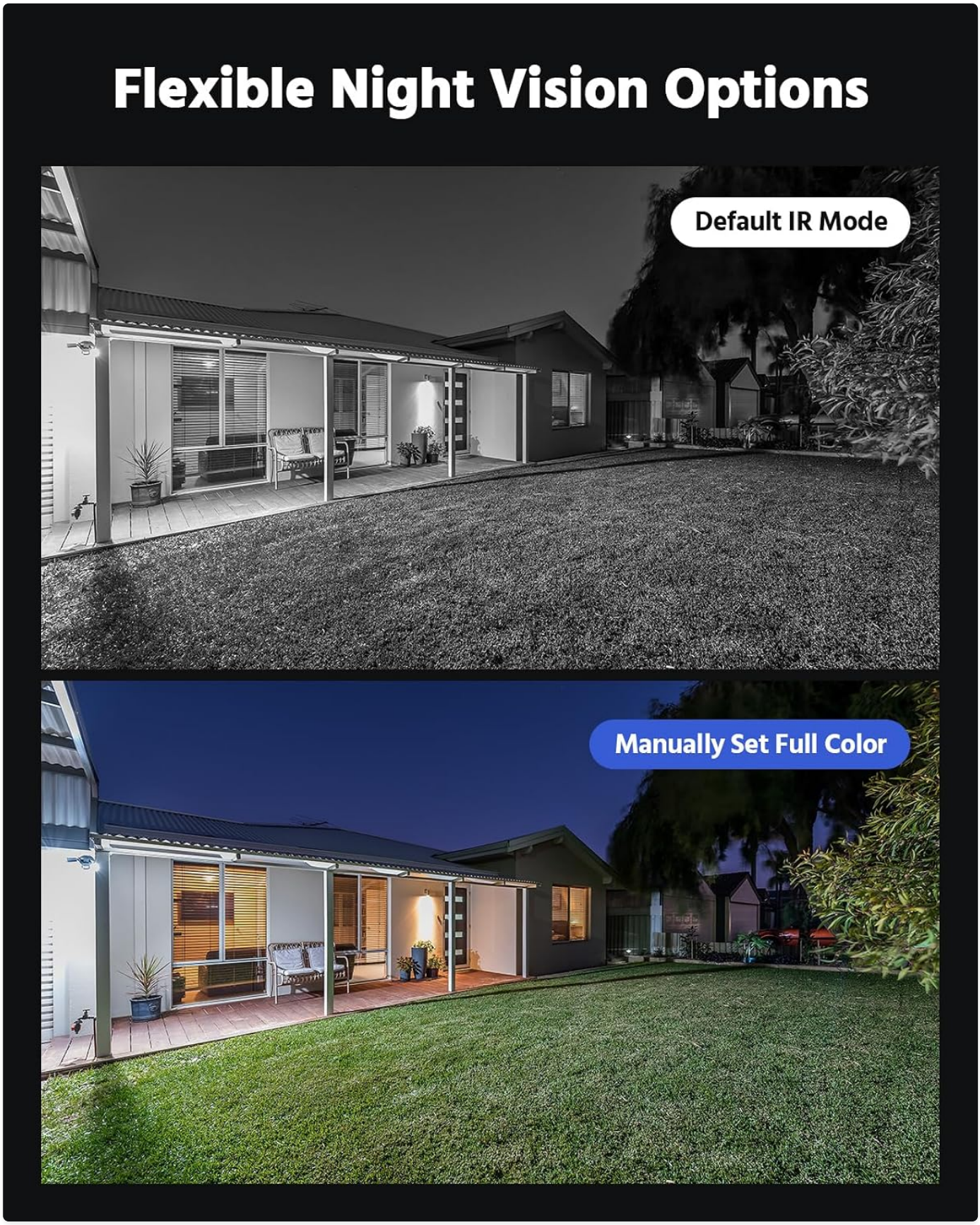


Image: Two views of a backyard at night, one in black and white (Default IR Mode) and the other in full color (Manually Set Full Color), demonstrating the camera's night vision capabilities.

The Smart IR feature prevents overexposure of objects close to the camera, ensuring clear images even in low-light conditions.



Image: Two images of a person at night, one showing a clear image with Smart IR and the other showing an overexposed image without Smart IR, highlighting the benefit of Smart IR.

5.3 Field of View

The 3.6mm lens provides an exceptional 78-degree field of view (FOV), allowing the camera to capture a wider scene and monitor larger areas effectively.

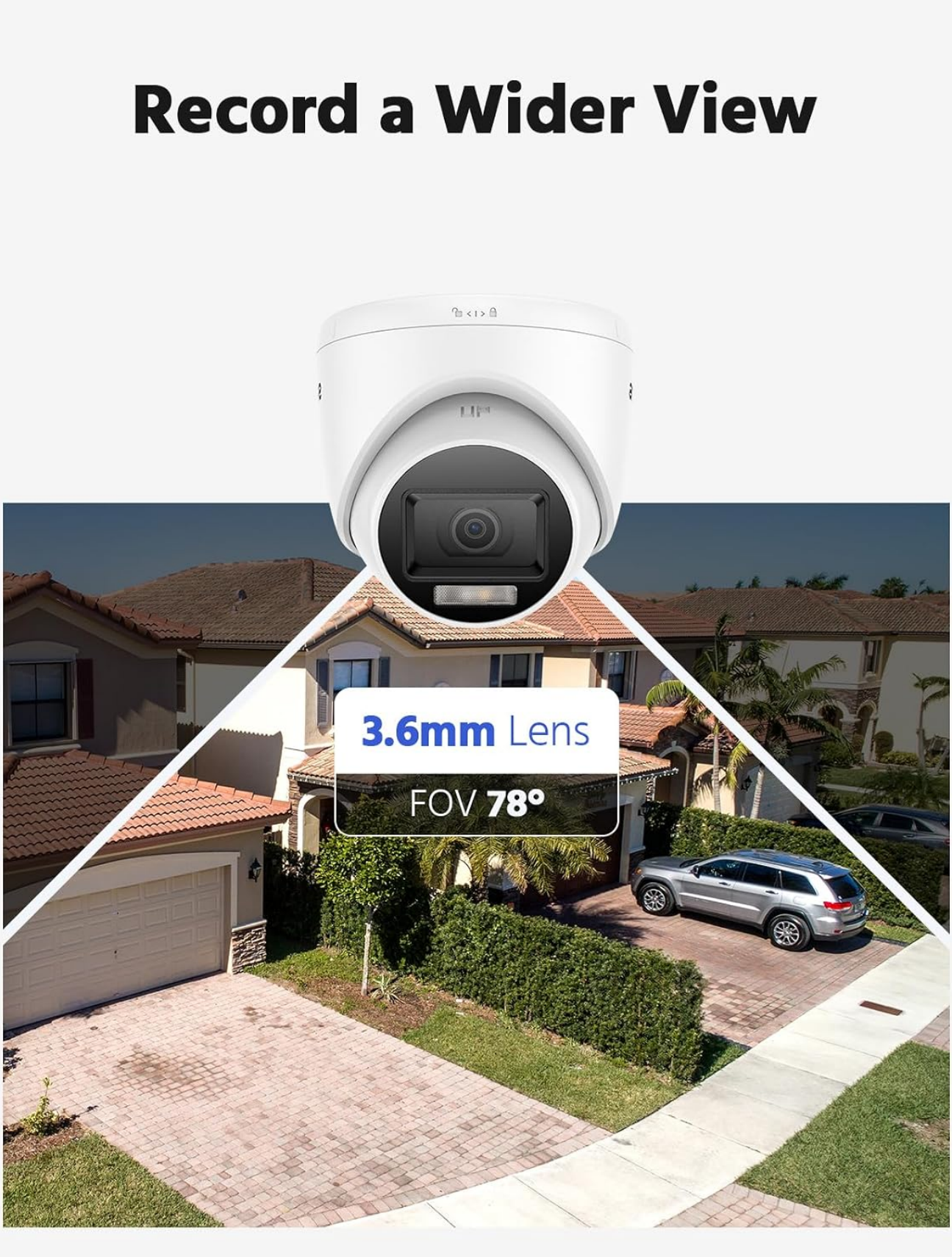


Image: An overhead view illustrating the camera's wide 78-degree field of view, encompassing a broad residential area.

5.4 Weather Resistance

With an IP67 weatherproof rating, the camera is built to withstand extreme weather conditions, including rain, snow, and temperatures ranging from -40°F (-40°C) to 140°F (60°C), making it suitable for both indoor and outdoor use.



Image: The camera shown in a rainy environment, highlighting its IP67 weatherproof design and resilience to hot and cold temperatures.

5.5 Advanced Features: WDR & DNR

Wide Dynamic Range (WDR): This feature balances light in scenes with both very bright and very dark areas, ensuring clear images without overexposure or underexposure.



Image: A split image showing a scene with WDR off (darker areas) and WDR on (balanced lighting), demonstrating improved visibility.

Digital Noise Reduction (DNR): DNR reduces visual noise in low-light conditions, providing a cleaner and sharper image.



Image: A split image showing a night scene with DNR off (grainy) and DNR on (clearer), illustrating the effect of noise reduction.

6. Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your security cameras.

- **Lens Cleaning:** Gently wipe the camera lens with a soft, clean cloth to remove dust or smudges. Avoid abrasive cleaners.
- **Housing Cleaning:** Clean the camera housing with a damp cloth. Do not use strong chemicals.
- **Cable Inspection:** Periodically check all cables for any signs of wear, damage, or loose connections.
- **Firmware Updates:** Check the ANNKE official website for any available firmware updates for your DVR/NVR system, which may improve camera compatibility and performance.

7. Troubleshooting

If you encounter issues with your ANNKE security camera system, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No video display	Loose cable connection; No power to camera; DVR/NVR input issue.	Check all BNC and power cable connections. Ensure power adapter is plugged in and working. Verify DVR/NVR input channel.
Poor image quality	Dirty lens; Insufficient lighting; Cable interference.	Clean the camera lens. Ensure adequate lighting for color night vision. Check cable integrity and avoid interference from other electronics.
Night vision not working	IR LEDs obstructed; Insufficient power; Settings issue.	Ensure nothing is blocking the IR LEDs. Verify stable power supply. Check DVR/NVR settings for night vision mode.
Camera not detected	Incorrect cable type; Faulty camera/cable.	Ensure you are using compatible HD-TVI cables. Test with a known working camera or cable if possible.

For further assistance, please contact ANNKE customer support.

8. Technical Specifications

Feature	Specification
Model Number	3216560391
Video Capture Resolution	1080p (2 MP Maximum Webcam Image Resolution)
Connectivity Technology	Wired
International Protection Rating	IP67
Night Vision Range	100 Feet
Field of View (FOV)	92-degree (approx. 3.6mm lens)
Low Light Technology	Starlight
Material	Plastic
Mounting Type	Wall Mount, Ceiling Mount
Indoor/Outdoor Usage	Indoor/Outdoor
Item Weight	4.59 pounds (for the 4-pack)

Feature	Specification
Package Dimensions	12.8 x 9.4 x 3.6 inches

9. Warranty and Support

ANNKE products typically come with a limited warranty. Please refer to the warranty card included in your package or visit the official ANNKE website for detailed warranty terms and conditions.
For technical support, product inquiries, or warranty claims, please contact ANNKE customer service through their official channels. Contact information can usually be found on the ANNKE website or in the product packaging.

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