

Anpviz PTZIP2C502WL-SU

Anpviz 5MP PT PoE Camera (H Series) Instruction Manual

Model: PTZIP2C502WL-SU

Brand: Anpviz

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Anpviz 5MP PT PoE Camera. 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 advanced features such as pan/tilt capabilities, human detection, auto-tracking, two-way audio, and smart color night vision.

2. WHAT'S IN THE BOX

Verify that all components are present in the package:

- 1 × POE Camera
- 1 × Screws
- 1 × Waterproof Lid
- 1 × User Manual
- 1 × Quick Start Guide

What's in the box?

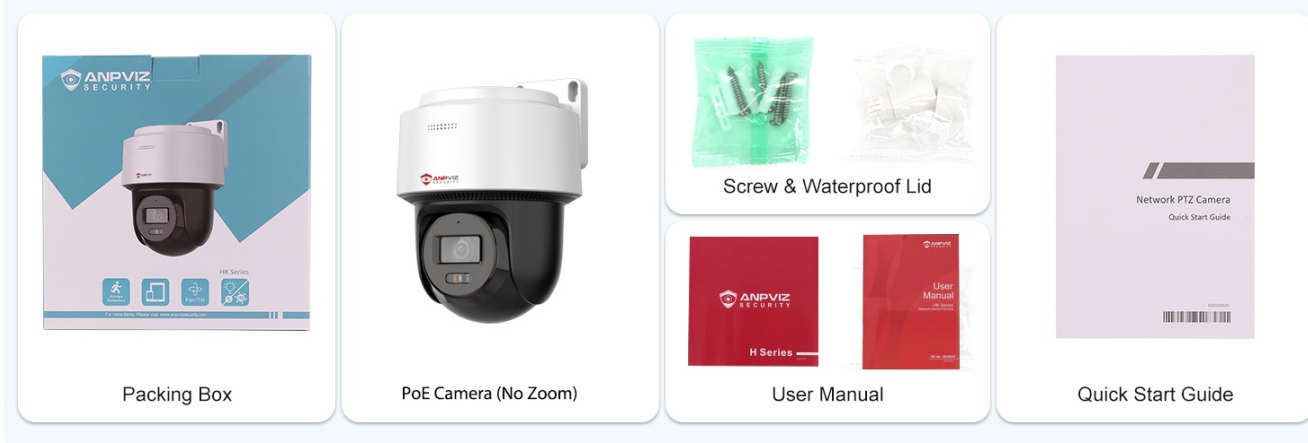


Figure 2.1: Package Contents Diagram

The image above illustrates the items included in your Anpviz 5MP PT PoE Camera package. Ensure all listed items are present before proceeding with installation.

3. PRODUCT OVERVIEW

The Anpviz 5MP PT PoE Camera is a versatile security solution with the following key features:

- **5MP Ultra HD Resolution:** Captures crystal clear 3072x1728 resolution video at 20 frames per second, providing excellent detail for monitoring.
- **3450 Pan/900 Tilt & Human Auto Tracking:** Offers extensive coverage with horizontal 345 degrees and vertical 90 degrees rotation. The camera can automatically track human movement within its field of view.
- **Smart Color Night Vision:** Features three night vision modes: infrared black & white, floodlight full color, and auto smart color night vision. When human movement is detected, the spotlight and alarm sound can be triggered to deter intruders.
- **Two-way Audio & SD Card Slot:** Built-in microphone and speaker allow for real-time two-way communication. Supports microSD/SDHC/SDXC cards up to 512GB for local storage.
- **IP66 Waterproof:** Designed for robust performance in various weather conditions, suitable for both indoor and outdoor use.

3.1 Camera Components



Figure 3.1: Camera Component Diagram

This diagram highlights the various parts of the camera, including the lens, lights, microphone, speaker, and connection ports. Familiarize yourself with these components before installation.

4. SETUP AND INSTALLATION

4.1 Physical Installation

The camera can be mounted on a ceiling or wall. Use the provided drill template and screws for secure installation.

DIY Easy Installation



Ceiling mount



Wall mount

Figure 4.1: DIY Easy Installation

The mounting bracket is detachable, allowing you to secure the bracket first and then attach the camera. This simplifies the installation process.

4.2 Connection Methods

Your Anpviz PT PoE Camera supports multiple connection options:

1. **Plug & Play with Anpviz H Series NVR:** Connect the camera directly to an Anpviz H Series NVR PoE port for automatic detection and setup.
2. **Connect via PoE Switch:** Use a PoE switch to provide both power and data connection to the camera.
3. **Powered by Power Adapter (Not included):** Connect the camera to a router via an Ethernet cable and power it using a DC12V power adapter.

3 Ways to Connect

1. Plug & Play with Anpviz H Series NVR



2. Connect to PoE Switch



3. Powered by Power Adapter (Not included)



Figure 4.2: Three Ways to Connect the Camera

For a visual guide on connecting your camera, please refer to the video below:

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Video 4.1: 3 Ways to Connect the Camera (Can Not Zoom)

This video demonstrates the three primary methods for connecting your Anpviz camera to your surveillance system.

4.3 App Setup (Guarding Vision / Hik-Connect)

To activate and add your camera via the Guarding Vision or Hik-Connect app:

1. Download and install the Guarding Vision or Hik-Connect APP from your app store. Register an account and log in.
2. Click 'Add Device', select 'Online Device', and search for cameras on your local area network (LAN).
3. When the camera is found, it may show as 'not activated'. Click 'Activate' and enter a strong password (at least 8 characters, including two of uppercase letters, lowercase letters, numbers, and special characters).
4. Set your own encrypted verification code for the camera and click 'Next'.
5. After successfully adding, enter the device list interface and click the camera to preview the image.

IP66 Weatherproof



Figure 4.3: IP66 Weatherproof Rating

The camera's IP66 rating ensures it can withstand harsh weather conditions, making it suitable for outdoor installation.

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Video 4.2: How to activate a camera via App

This video guides you through the process of activating and adding your camera using the mobile application.

5. OPERATION

5.1 Pan, Tilt, and Auto-Tracking

The camera offers 3450 horizontal pan and 900 vertical tilt movement, allowing you to adjust the viewing angle remotely via the app or web interface. The human auto-tracking feature enables the camera to automatically follow detected human movement.

360° Pan & 90° Tilt Auto Tracking

need to log in to the camera web to enable,
the web plug-in is secure!

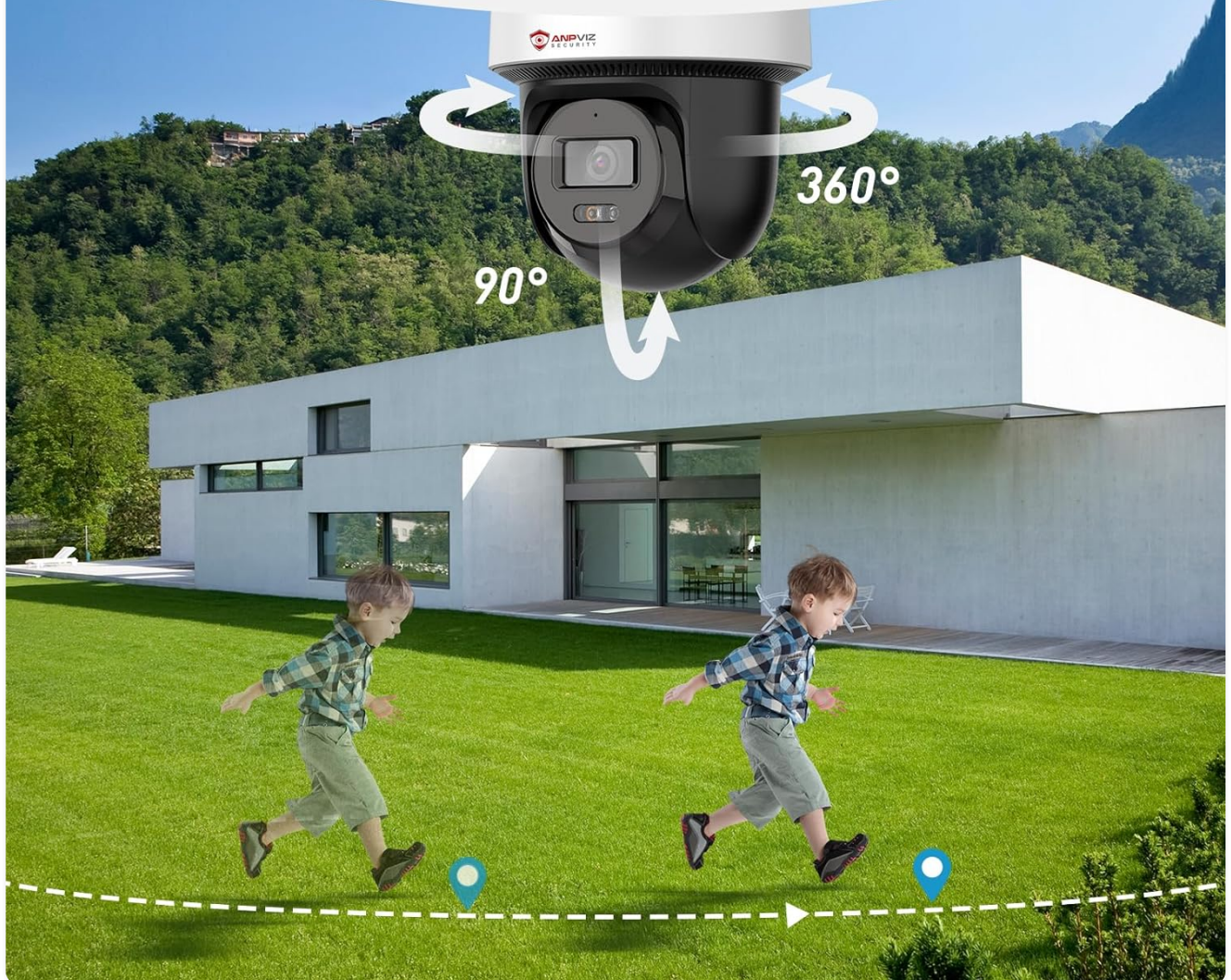


Figure 5.1: 3600 Pan & 900 Tilt Auto Tracking

To enable auto-tracking, log in to the camera's web interface and navigate to the PTZ settings. Ensure the event and detection areas are properly configured.

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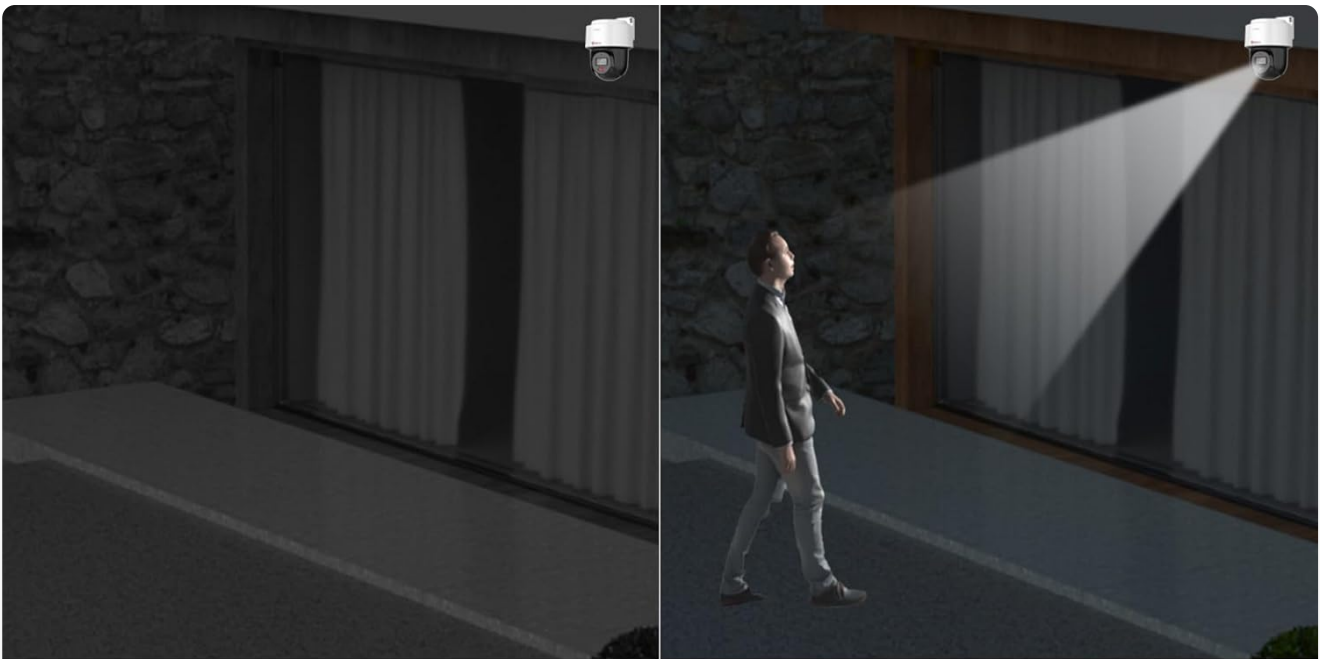
Video 5.1: Enable PT Camera Auto Tracking

This video demonstrates how to enable and configure the auto-tracking feature for your PT camera.

5.2 Smart Color Night Vision

The camera offers advanced night vision capabilities:

- **Infrared Black & White:** Standard night vision mode using infrared illumination.
- **Floodlight Full Color:** Uses built-in spotlights to provide full-color video even in low-light conditions.
- **Auto Smart Color Night Vision (Default):** Automatically switches between infrared and floodlight modes based on detected human movement, providing color video when needed.



Smart Color Night Vision

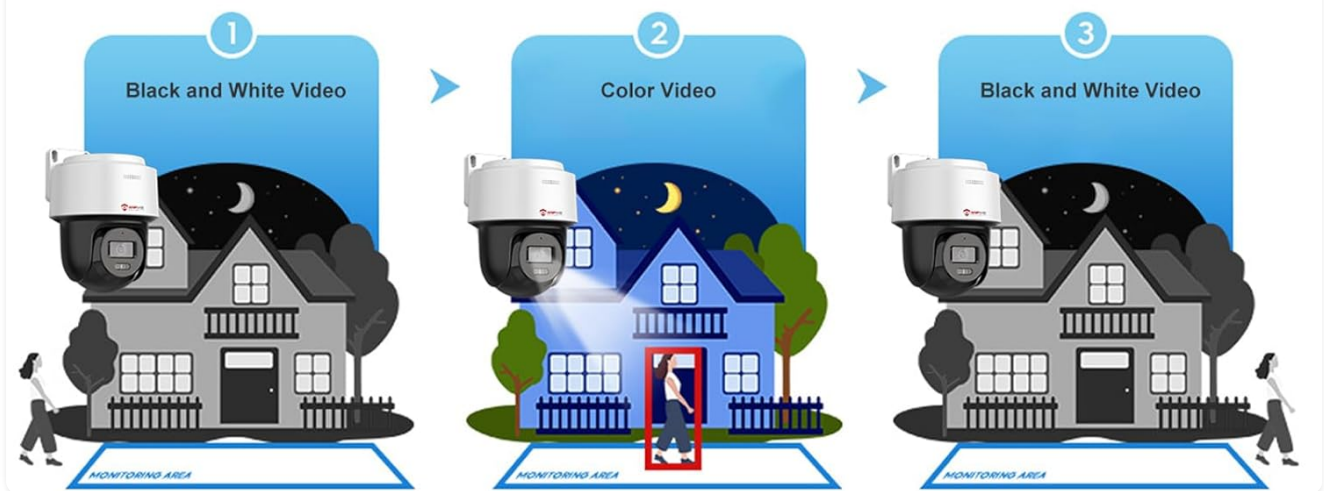


Figure 5.2: Smart Color Night Vision

The smart color night vision feature enhances visibility and deterrence by activating a spotlight and alarm sound upon human detection.

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Video 5.2: Smart Dual Light Color Night Vision

This video showcases the different night vision modes and how the smart dual light feature provides clear, colored footage in low light.

5.3 Two-Way Audio

The integrated microphone and speaker allow for real-time two-way audio communication. You can speak through the camera using the mobile app, which is useful for interacting with visitors or deterring unwanted individuals.



Figure 5.3: Two-way Audio Functionality

This feature allows for direct verbal interaction through the camera, enhancing security and convenience.

5.4 Human Detection

The camera's human detection feature accurately identifies human figures, reducing false alarms from other movements. When a human is detected, the camera can send email alerts and app notifications to your smart device.

Smart Human Detection



Figure 5.4: Smart Human Detection

This intelligent detection system ensures you are only alerted to relevant events, improving the efficiency of your surveillance.

6. MAINTENANCE

6.1 SD Card Management

The camera supports microSD cards up to 512GB for continuous recording or event-triggered footage. Regularly check the SD card status via the app or web interface to ensure proper recording and prevent data loss. Format the SD card periodically to maintain optimal performance.

Multiple Working Solutions to Record

Working Solutions



Guarding Vision



iVMS-4200



iSpy



Bule Iris



NVR



Storage Options

FTP

FTP



up to 512G SD Card



NVR

Figure 6.1: Multiple Working Solutions and Storage Options

The camera offers flexible recording and storage options, including direct SD card recording without monthly fees.

6.2 Firmware Updates

Periodically check for and install firmware updates to ensure your camera has the latest features, security patches, and performance improvements. Firmware updates are typically available through the Anpviz official website or the mobile application.

6.3 Cleaning

To maintain clear image quality, regularly clean the camera lens and housing. Use a soft, damp cloth to wipe away dust and dirt. Avoid using harsh chemicals or abrasive materials that could damage the camera's surface or lens.

7. TROUBLESHOOTING

If you encounter issues with your Anpviz 5MP PT PoE Camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not powering on	No power, faulty cable, or incorrect PoE setup.	Check power source, ensure PoE switch/NVR is active, verify cable connections.
No video feed	Network issue, incorrect IP address, or app configuration.	Verify network connectivity, check camera's IP address, ensure app settings are correct. Reinstall plugin for web interface if needed.
Auto-tracking not working	Human detection disabled, sensitivity too low, or detection area not set.	Enable human detection in settings, adjust sensitivity, define detection areas.
Poor night vision quality	Lens obstruction, incorrect night vision mode, or insufficient ambient light.	Clean lens, switch night vision modes (Smart Color, Full Color, IR), ensure adequate lighting if using color mode.
Two-way audio issues	Microphone/speaker disabled, volume too low, or network latency.	Enable microphone/speaker in app/web interface, adjust volume, check network stability.

If the problem persists after attempting these solutions, please contact Anpviz customer support for further assistance.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	PTZIP2C502WL-SU
Video Capture Resolution	5MP (3072x1728) @20fps
Pan/Tilt Range	3450 Pan / 900 Tilt
Night Vision Range	100 Feet (IR)
Connectivity Technology	Wired (PoE)
Storage	SD Card Slot (up to 512GB)
Audio	Built-in Mic & Speaker (Two-way Audio)
Water Resistance Level	IP66 Waterproof
Operating Temperature	-220F to 1400F (-300C to 600C)
Dimensions	7.87 x 7.87 x 7.87 inches
Weight	2.09 pounds

Feature	Specification
Video Compression	H.265/H.264
Special Features	Human Tracking, Smart Color Night Vision, 120dB WDR

9. WARRANTY AND SUPPORT

Anpviz is committed to providing high-quality security solutions and excellent customer service. Your Anpviz 5MP PT PoE Camera comes with a **2-year warranty** and **lifetime technical support**.

For any questions, issues, or technical assistance, please contact our professional tech staff. We are always glad to assist you.

Email Support: support@anpviz.com

Operating Hours: Monday-Friday, 9:00 AM – 6:00 PM (Time Zone not specified, typically PST/EST for US market)

DIY Easy Installation



Ceiling mount

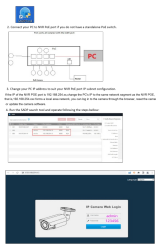




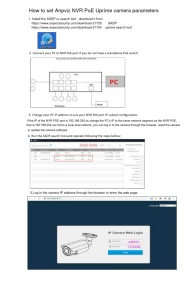


Wall mount

Figure 9.1: Anpviz Customer Support Information

Please retain your purchase receipt for warranty claims. For the most up-to-date support information and resources, visit the official Anpviz website.

Related Documents - PTZIP2C502WL-SU

	<p>Anpviz NVR PoE Camera Setup Guide: Parameters and Configuration</p> <p>Learn how to set up Anpviz NVR PoE cameras, configure IP parameters, use the SADP tool, and adjust image settings for optimal performance. This guide covers essential steps for Anpviz U-Series IP cameras.</p>
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	<p>ANPVIZ H Series Network Camera Connection Operation Guide</p> <p>This guide provides detailed instructions for connecting and operating ANPVIZ H Series Network Cameras. It covers camera activation via PC or mobile app, and connection methods for various NVR systems, ensuring optimal setup and usage.</p>
	<p>Anpviz IPC-D360W-ST 6MP IP Camera Specifications and Features</p> <p>Detailed specifications and features for the Anpviz IPC-D360W-ST 6MP Human & Vehicle Detection IR & Colorvu Two-way Audio IP camera, including technical details on image sensor, resolution, video encoding, network capabilities, and operating conditions.</p>
	<p>Anpviz NVR PoE Uprime Camera Setup Guide: Configuration and Parameters</p> <p>A comprehensive guide to setting up Anpviz NVR PoE Uprime cameras, covering network configuration, SADP tool usage, browser login, and advanced event and image parameter settings for optimal surveillance.</p>
	<p>ANPVIZ IP Dome Camera Quick Start Guide</p> <p>This guide provides essential information for setting up and operating ANPVIZ IP Dome Cameras, covering package contents, connection methods, web and mobile access, and troubleshooting tips.</p>
	<p>Anpviz IP Dome Camera Quick Start Guide</p> <p>Quick start guide for Anpviz IP Dome Cameras, covering installation, connection, configuration, and mobile app usage.</p>