

Anpviz IPC-D3A83W-S

Anpviz 4K PoE Turret IP Camera (Model IPC-D3A83W-S) User Manual

Model: IPC-D3A83W-S | Brand: Anpviz

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your Anpviz 4K PoE Turret IP Camera, Model IPC-D3A83W-S. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The Anpviz 4K PoE Turret IP Camera is designed for both indoor and outdoor security surveillance, offering high-resolution video and advanced detection capabilities.

Key Features:

- **4K Ultra HD (8MP) Resolution:** Provides clear video at 3840x2160 pixels.
- **2.8mm Wide Angle Lens:** Offers a 110-degree field of view.
- **Power over Ethernet (PoE):** Simplifies installation with a single cable for power and data.
- **AI Human & Vehicle Detection:** Reduces false alarms by accurately identifying human and vehicle movement.
- **Smart Dual Light Color Night Vision:** Features infrared night vision (up to 98ft) and warm lights for color night vision upon motion detection.
- **Built-in Microphone:** Enables one-way audio monitoring.
- **IP66 Waterproof Rating:** Ensures durability for outdoor use.
- **Remote Access:** View live footage and recordings via mobile app or PC client.

Package Contents:

- 1x Anpviz 4K PoE Turret IP Camera (Model IPC-D3A83W-S)
- 1x Waterproof Lid
- 1x User Manual
- Screw Packs for installation
- 1x After-sales Card



Image 1: Front view of the Anpviz 4K PoE Turret IP Camera, showcasing its compact design and lens.

Camera Details



Image 2: Detailed view of the camera components, including the metal housing, 2.8mm lens, built-in microphone, IR LEDs, spotlights, network cable, and optional power supply port.

3. SETUP AND INSTALLATION

The Anpviz 4K PoE Turret IP Camera supports Power over Ethernet (PoE) for simplified installation. A single Ethernet cable provides both power and data connection to a compatible PoE NVR or PoE switch.

3.1 Physical Installation

1. **Choose a Mounting Location:** The camera can be ceiling-mounted or wall-mounted. Ensure the chosen location provides the desired field of view and is within range of your PoE network.
2. **Prepare the Surface:** Use the provided screw packs and waterproof lid for secure outdoor installation. Drill pilot holes as needed.
3. **Connect the Ethernet Cable:** Connect a standard Ethernet cable from your PoE NVR or PoE switch to the camera's network port. Ensure the waterproof lid is properly installed over the connection for outdoor use.
4. **Secure the Camera:** Mount the camera securely using the provided screws. Adjust the camera's angle to cover the desired surveillance area.

PoE Plug & Play

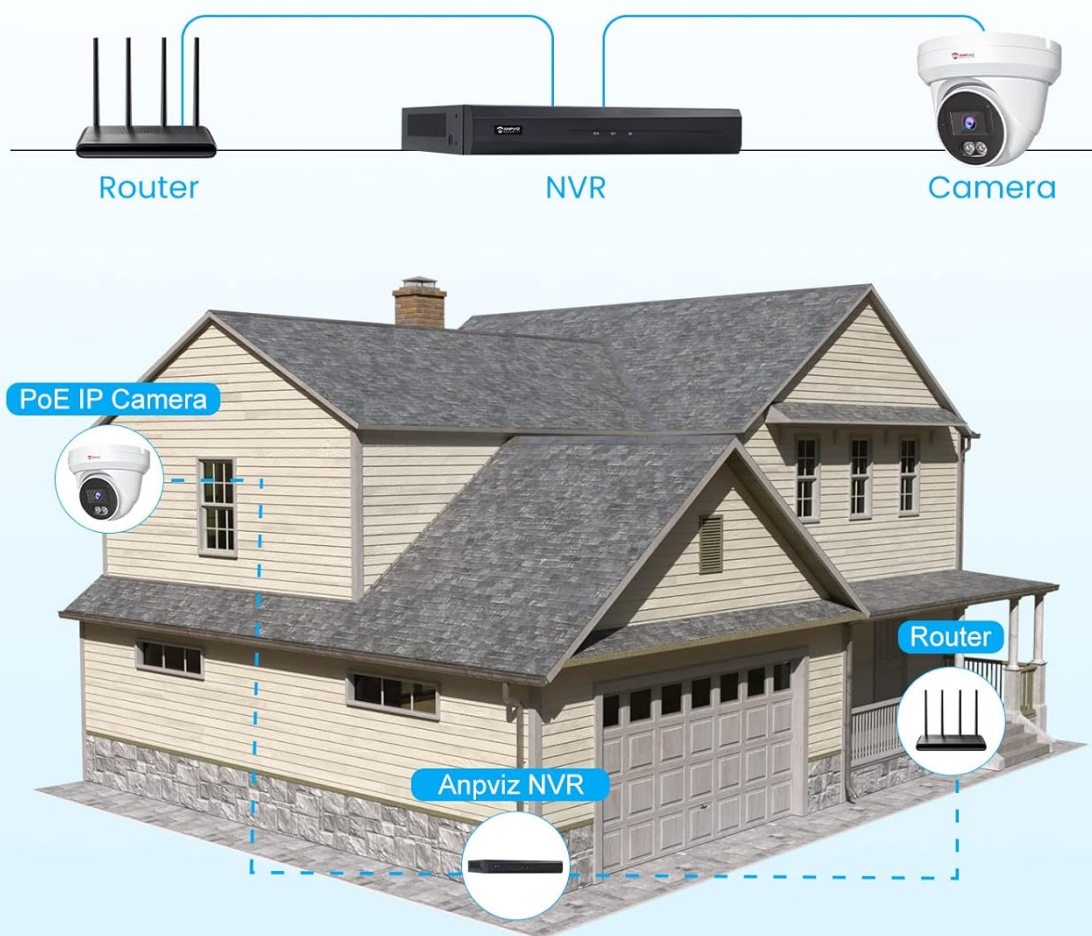


Image 3: Diagram illustrating the PoE Plug & Play setup, showing the camera connected to an NVR and router via a single Ethernet cable.

3.2 Initial Configuration (NVR Connected)

If connecting to an Anpviz U-Series NVR, the camera should be automatically detected. For initial setup and configuration, refer to the NVR's user manual. The following video demonstrates how to preview the PoE camera via a monitor connected to the NVR:

Video 1: Instructions on how to preview the PoE camera feed using a monitor connected to an NVR, including initial NVR configuration steps like setting a new password and accessing camera settings.

4. OPERATING INSTRUCTIONS

4.1 4K Ultra HD Video Monitoring

The camera delivers 4K (3840x2160) resolution video, providing detailed and clear images for surveillance. The 110-degree wide-angle lens ensures a broad coverage area.



Image 4: Visual comparison demonstrating the superior clarity and detail of 4K Ultra HD (8MP) resolution compared to 1080P resolution.



Image 5: Illustration of the 110-degree wide-angle lens coverage, showing how it captures a larger area.

4.2 AI Human & Vehicle Detection

The camera features advanced AI technology to distinguish between human and vehicle movements and other environmental factors like leaves or insects. This reduces false alarms and ensures you receive relevant alerts.

- **Configuration:** Enable human and vehicle detection settings through the NVR interface or mobile application.
- **Alerts:** Receive notifications on your smartphone or email when human or vehicle activity is detected.

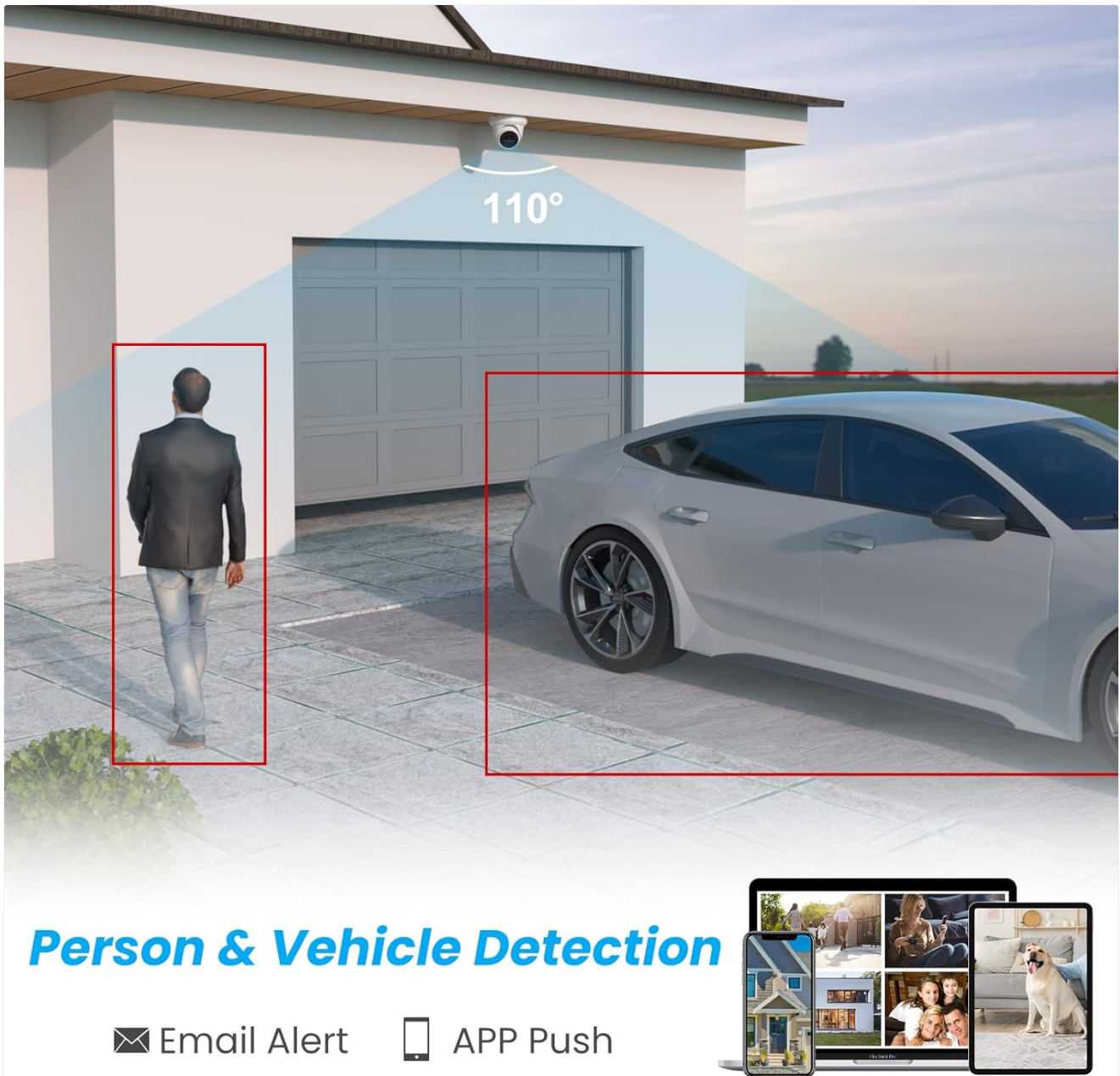


Image 6: Graphic demonstrating the camera's ability to detect and highlight human and vehicle presence within its field of view, triggering email and app push notifications.

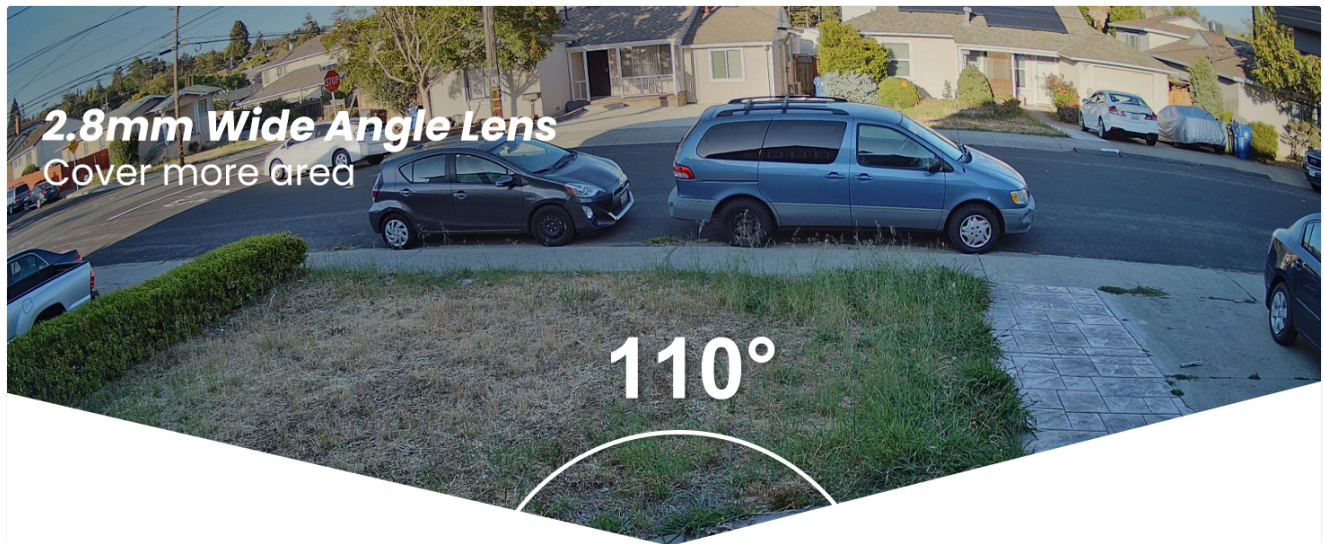


Image 7: Illustration showing how the AI detection system filters out irrelevant alerts, focusing only on people and vehicles.

4.3 Smart Dual Light Color Night Vision

The camera offers flexible night vision options:

- **IR Night Vision:** Provides black and white video in low-light conditions using infrared LEDs.
- **Color Night Vision:** When motion is detected, the camera's warm lights illuminate the area, providing full-color video.
- **Customization:** You can customize the night vision mode to suit your preferences via the camera settings.

Smart Dual Light Color Night Vision



Image 8: Comparison showing infrared black and white night vision without motion, and color night vision with warm light activation upon motion detection.

Video 2: A short demonstration of the camera's infrared black and white night vision mode when no motion is detected.

Video 3: A short demonstration of the camera's white light color night vision mode activating upon motion detection.

4.4 One-Way Audio

The integrated microphone allows for one-way audio monitoring, capturing sounds from the camera's vicinity. This feature enhances situational awareness.

One Way Audio



Image 9: Illustration showing the camera's built-in microphone capturing audio, which can be monitored remotely via an NVR or mobile device.

4.5 Remote Access and Live View

Access your camera's live feed and recorded footage from anywhere using the dedicated mobile app (VideoLink) or PC client (LMS).

- **Mobile App:** Download the VideoLink app from the App Store or Google Play.
- **PC Client:** Download the LMS client from the Anpviz support website.

Remote Access Anytime & Anywhere



Image 10: Depiction of remote access capabilities, showing live camera feeds on various devices like smartphones, tablets, and laptops.

Care About What You Care About

Only push alerts for people and vehicles, and no more invalid alerts for leaves or small flying insects. Can reduce false alarms by over 99%.

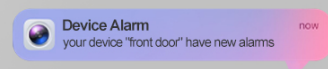
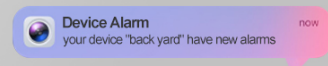


Image 11: Overview of multi-platform remote access, highlighting the VideoLink mobile app and LMS PC client for various operating systems and browsers.

The following video demonstrates how to download the VideoLink and LMS applications for PC:

Video 4: A short instructional video on how to download the VideoLink and LMS applications for PC from the Anpviz support website.

5. MAINTENANCE

- **Regular Cleaning:** Periodically clean the camera lens with a soft, dry cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Firmware Updates:** Check the Anpviz support website regularly for firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance and security.
- **Cable Inspection:** For outdoor installations, periodically inspect the Ethernet cable and waterproof connections for any signs of wear or damage.
- **Power Cycle:** If the camera experiences issues, try power cycling it by disconnecting and reconnecting the PoE cable.

6. TROUBLESHOOTING

- **No Video Feed:**
 - Ensure the PoE connection is secure and the NVR/switch is powered on.
 - Verify network connectivity.
 - Check if the camera is properly added and configured in your NVR or viewing software.
- **Poor Image Quality:**
 - Clean the camera lens.
 - Ensure sufficient lighting in the area, especially at night.
 - Check video resolution settings in your NVR or app.
- **False Motion Alerts:**
 - Adjust the sensitivity settings for human/vehicle detection.
 - Ensure the camera's field of view is not obstructed by moving objects like tree branches.
- **Remote Access Issues:**
 - Verify your internet connection.
 - Ensure the NVR or camera is properly connected to the internet and port forwarding (if applicable) is configured correctly.
 - Update the mobile app or PC client to the latest version.

7. SPECIFICATIONS

Feature	Specification
Model Name	IPC-D3A83W-S
Video Capture Resolution	4K (3840x2160)
Effective Still Resolution	8 MP
Viewing Angle	110 Degrees

Feature	Specification
Lens	2.8mm
Night Vision Range	98 Feet
Low Light Technology	Smart Color Night Vision (Default), Infrared Night Vision (Optional), Color Night Vision (Optional)
Connectivity Technology	Wired (PoE)
Connectivity Protocol	Ethernet
Audio	Built-in Microphone (One-way audio)
Alert Type	Motion Only (AI Human & Vehicle Detection)
International Protection Rating	IP66 (Waterproof)
Indoor/Outdoor Usage	Indoor, Outdoor
Mounting Type	Ceiling Mount, Wall-Mounted
Material	Metal
Product Dimensions (L x W x H)	4.72 x 4.72 x 4.92 inches
Item Weight	1.01 pounds (0.46 Kilograms)
Power Source	Corded Electric (via PoE)
Compatible Devices	Smartphone, PC, Monitor, Computer, Laptop

8. WARRANTY AND SUPPORT

Anpviz provides a 1-year warranty and lifetime technical support for this product. For any questions or issues, please contact our professional technical staff.



Contact Information:



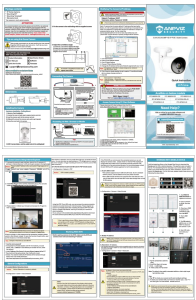
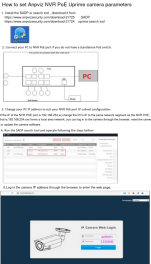
- **Amazon Seller:** Contact through the Amazon platform.
- **Email Support:** support@anpvizsecurity.com
- **Operating Hours:** Monday - Friday, 9:00 AM - 6:00 PM (Time Zone not specified, assume PST or EST based on Amazon.com)



Image 12: Graphic detailing Anpviz's 1-year warranty and lifetime technical support, including contact methods and operating hours.

Related Documents - IPC-D3A83W-S

	<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>
	<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 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>
	<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 IP Camera Quick Installation Guide</p> <p>A concise guide for installing and setting up Anpviz IP cameras, covering connection, network configuration, and mobile access.</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>

Documents - Anpviz – IPC-D3A83W-S



[Anpviz CCTV Products Catalog 2023](#)

Explore the comprehensive Anpviz catalog featuring a wide range of CCTV products including IP cameras, NVRs, DVRs, PTZ cameras, and accessories for advanced security solutions.

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