

Anpviz PTZIP3182WD-SU-5X

Anpviz 4K 8MP PTZ POE IP Camera (Model PTZIP3182WD-SU-5X) User Manual

Your Guide to Installation, Operation, and Maintenance

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the Anpviz 4K 8MP PTZ POE IP Camera, Model PTZIP3182WD-SU-5X. This advanced security camera features 4K Ultra HD resolution, 5X optical zoom, Pan-Tilt-Zoom (PTZ) capabilities, two-way audio, and intelligent human/vehicle detection. Designed for both indoor and outdoor use, it offers robust surveillance with 100ft IR night vision and flexible connectivity options.



Figure 1: Anpviz 4K 8MP PTZ POE IP Camera

2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- Anpviz 4K PTZ IP Dome Camera
- Mounting Plate and Mounting Bracket
- Mounting Screw Bag
- Instruction Manual (this document)
- Warning Sign Sticker
- Warranty Card



Figure 2: Package Contents

3. SETUP AND INSTALLATION

3.1 Mounting the Camera

The camera can be mounted on a wall or ceiling. Ensure the mounting surface is strong enough to support the camera's weight.

1. Mark the drill holes using the mounting plate as a template.
2. Drill holes and insert expansion screws if necessary.
3. Secure the quick mounting plate with screws.
4. Align the camera with the mounting plate and rotate clockwise to secure it.
5. Tighten the camera to the mounting plate using the provided hex wrench.



What's in the box



4K PTZ
IP Dome Camera



Accessory Bag



Installation Screws



Bracket



Warranty Card



Installation Guide



User Manual



Warning Sticker

Figure 3: Mounting Options (Wall and Ceiling)

3.2 Power and Network Connection

The camera supports Power over Ethernet (PoE) or a separate DC 12V power supply.

- **PoE Connection:** Connect the camera directly to a PoE switch or a PoE NVR using an Ethernet cable. This provides both power and data.
- **DC 12V Power:** If not using PoE, connect a DC 12V power adapter (not included) to the camera's power input and an Ethernet cable to your router for network access.
- **Anpviz U-Series NVR:** For plug-and-play functionality, connect the camera to an Anpviz U-Series NVR.



Figure 4: Connectivity Options

4. OPERATING INSTRUCTIONS

4.1 4K Ultra HD Video Quality

The camera features a 1/2.8" Sony IMX415 CMOS Sensor, delivering 3840x2160 (8MP) resolution video at up to 20 frames per second. This sensor provides exceptional noise reduction, accurate color reproduction, and ultra-low night sensitivity for clear images.

1/2.8" SO-NY IMX415 Sensor

- Exceptional Noise Reduction
- Color Reproduction
- Ultra-low night sensitivity
- Image Low Latency



Figure 5: IMX415 Sensor Quality

4.2 5X Optical Zoom and PTZ Functionality

Equipped with a 2.7-13.5mm motorized lens, the camera offers 5X optical zoom without compromising image clarity. The Pan-Tilt-Zoom (PTZ) function allows for a 0-350° horizontal pan and 0-90° vertical tilt, providing extensive coverage of your surveillance area.



Figure 6: 5X Optical Zoom and PTZ Range

4.3 Two-Way Audio

The integrated microphone and speaker enable real-time two-way communication. This feature allows you to speak with visitors or deter intruders directly through the camera. Note: Two-way audio functionality is optimized when used with Anpviz U-Series NVRs.

Two-Way Audio

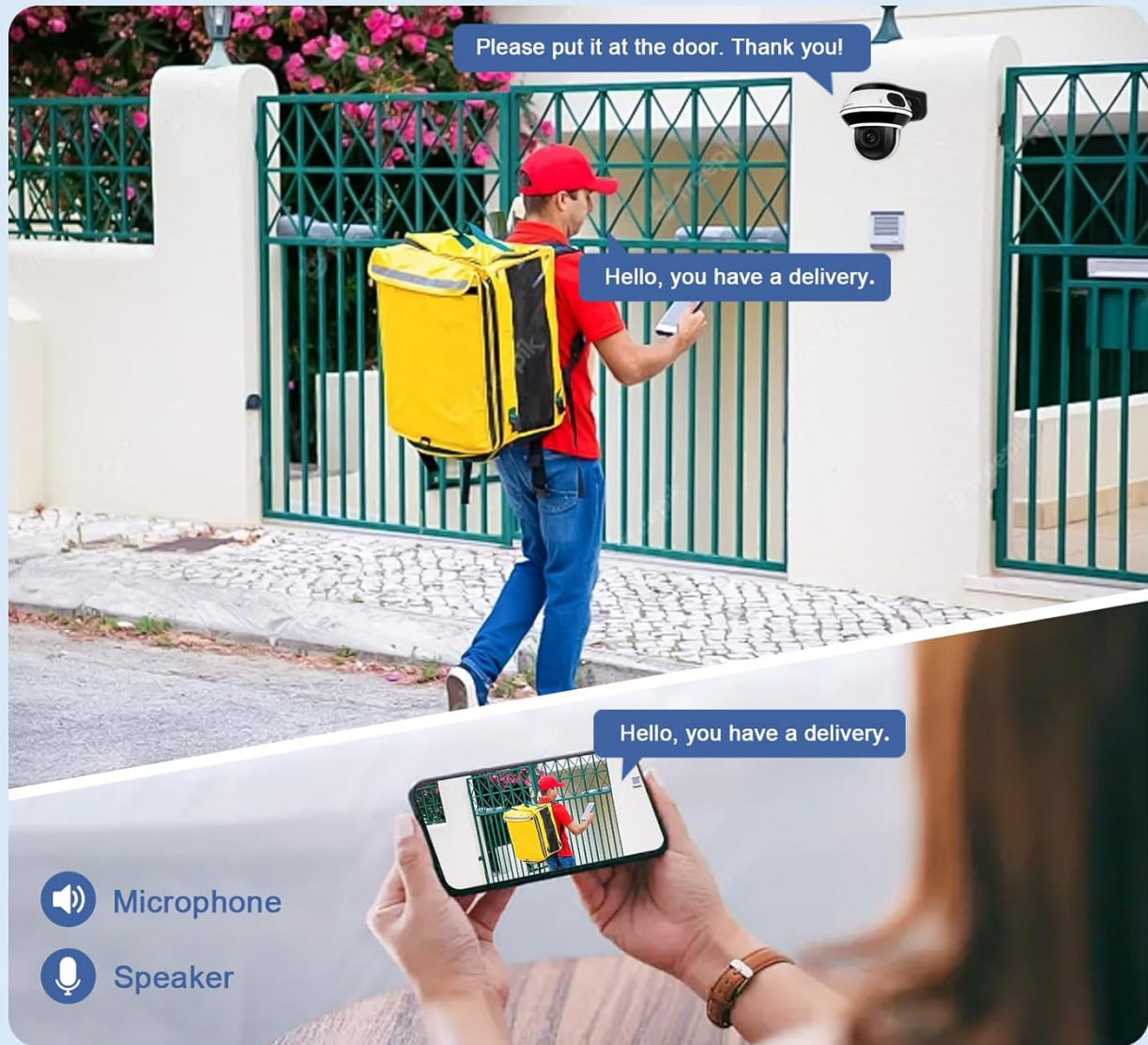


Figure 7: Two-Way Audio Communication

4.4 Human/Vehicle/Motion Detection

The camera incorporates advanced human and vehicle detection technology. When motion is detected, the camera can send instant email alerts or push notifications to your device, enhancing security by focusing on relevant events.

Smart Human/Vehicle Detection



Figure 8: Smart Detection Alerts

4.5 IR Night Vision

Equipped with 8 infrared LED lights, the camera provides clear night vision up to 100 feet (30 meters), ensuring continuous surveillance even in complete darkness.

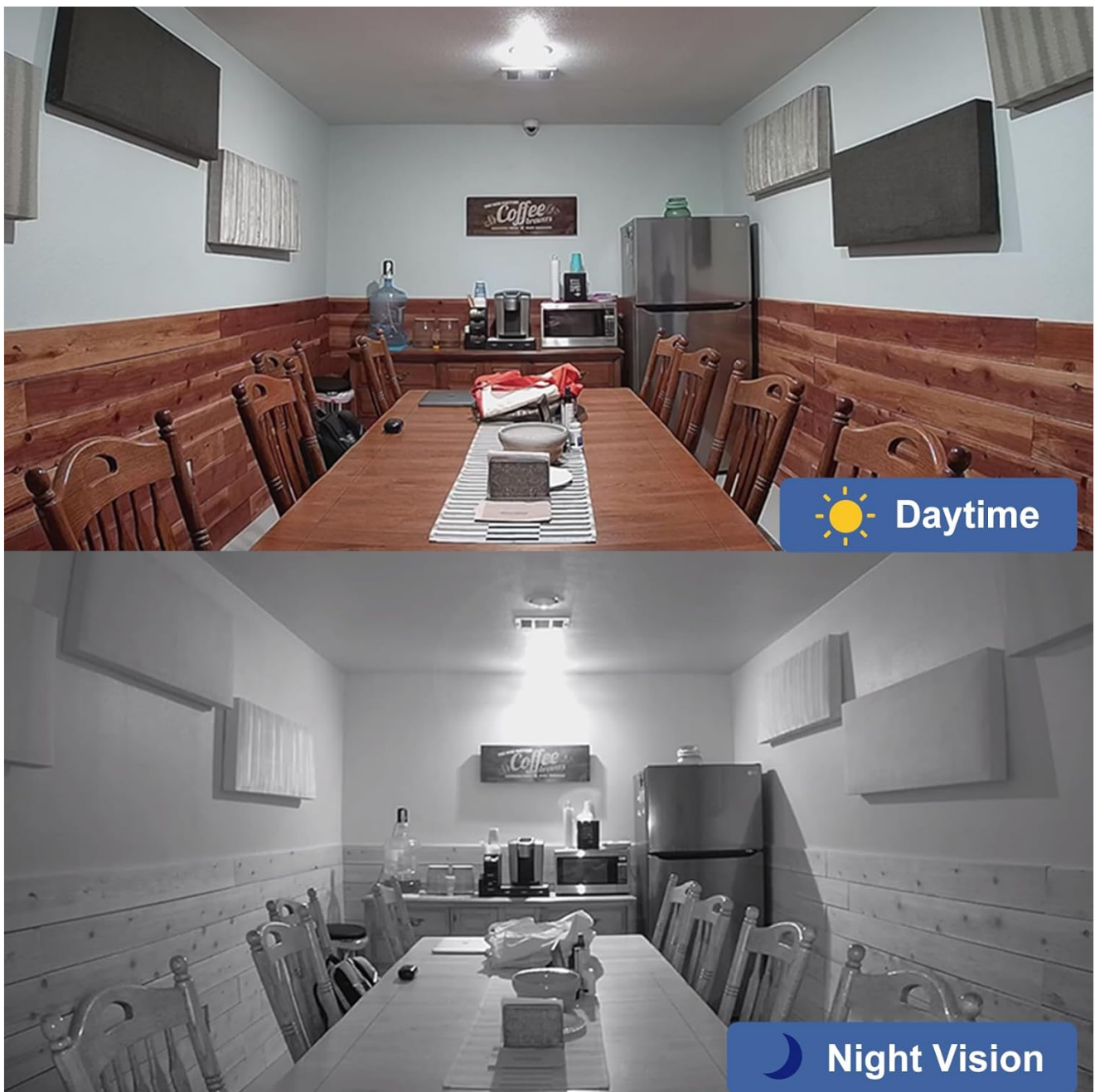


Figure 9: Daytime and Night Vision

4.6 Remote Access and Storage

Access live footage and recorded videos remotely using the VideoLink mobile app (available for Android and iOS) or the LMS/VideoLink PC client. The camera supports a micro SD card up to 512GB for local video storage, ensuring recordings are saved even if network connectivity is interrupted.

How to get started with the PoE Camera?

1. This camera can be used with a DC 12V power adapter.
2. The camera can be used with a POE switch; the power supply is 48V~52V.
3. This camera can be plug-and-play with the U Series PoE NVR.

I don't have broadband at home, can the camera work normally?

The camera can work in a place without Internet, you can form a local area network with the camera and PC or mobile, and preview and control the camera normally through the PC LAN.

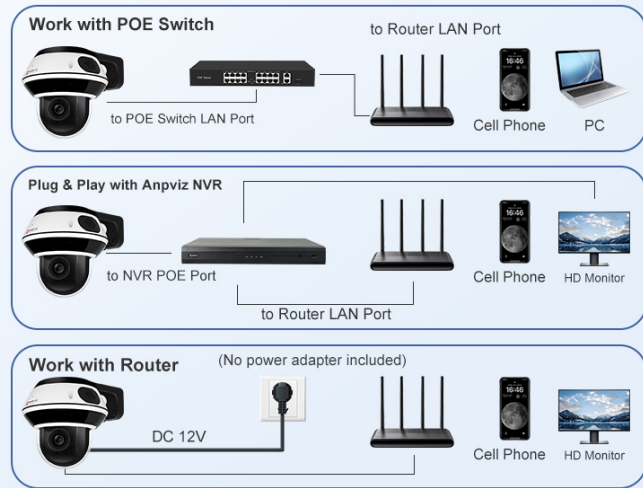


Figure 10: Multi-platform Remote Access

H.265+ Compression

Update H.265+ format, this poe camera can spend-less bandwidth to offer higher quality video.

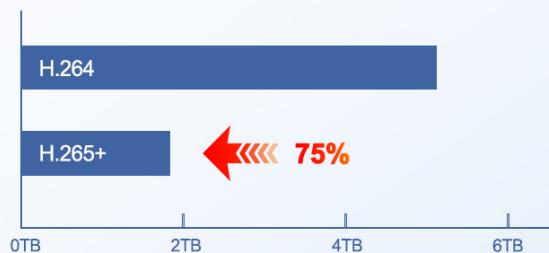


Figure 11: Micro SD Card Slot

5. MAINTENANCE

5.1 Cleaning

Regularly clean the camera lens and housing to ensure optimal performance. Use a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by drying. Avoid abrasive cleaners or solvents.

5.2 Firmware Updates

Periodically check the Anpviz website or your VideoLink app for available firmware updates. Keeping your camera's firmware updated ensures access to the latest features, security patches, and performance improvements.

6. TROUBLESHOOTING

- **No Video Feed:**
 - Check power connection (PoE or DC 12V adapter).
 - Verify network cable connection to router/switch/NVR.
 - Ensure the camera is properly added and online in the VideoLink app/client.
- **Poor Image Quality:**

- Clean the camera lens.
 - Ensure sufficient lighting for optimal daytime performance.
 - Verify IR night vision is active in low-light conditions.
- **Detection Not Working:**
 - Check detection settings in the VideoLink app/client (e.g., sensitivity, detection zones).
 - Ensure the camera's view is not obstructed.
 - **Cannot Access Remotely:**
 - Confirm your mobile device has internet access.
 - Ensure the camera is connected to the internet and online in the app.
 - Check router settings for any firewall restrictions.

7. SPECIFICATIONS

Feature	Specification
Model Name	PTZIP3182WD-SU-5X
Effective Still Resolution	8 MP (3840x2160)
Photo Sensor Technology	SO-NY IMX415 CMOS
Optical Zoom	5X
Lens	2.7-13.5mm Auto Focus
Pan Range	0-350°
Tilt Range	0-90°
Night Vision Range	100 Feet (30 meters)
Audio	Two-Way Audio (Built-in Mic & Speaker)
Storage	Micro SD Card Slot (up to 512GB)
Detection	Human/Vehicle/Motion Detection
Connectivity	PoE (Power over Ethernet), Ethernet
Connectivity Protocol	ONVIF
Control Method	App (VideoLink), PC Client (LMS/VideoLink)
Power Source	PoE or DC 12V (adapter not included)
Weather Resistance	IP66 Waterproof
Impact Resistance	IK10 Explosion-Proof (glass)
Material	Metal
Product Dimensions	5 x 5 x 4 inches
Item Weight	2.07 pounds

8. WARRANTY AND SUPPORT







Anpviz provides a 1-year warranty for this product. Lifetime technical support is also available to assist with any questions or issues you may encounter.

For technical assistance, please contact:

Email: support@anpvizsecurity.com

Support Hours: Monday-Friday, 9:00 AM - 6:00 PM (Time Zone not specified, assume local business hours)

Related Documents - PTZIP3182WD-SU-5X

	<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 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 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 HK Series Network Dome Camera User Manual</p> <p>This user manual provides comprehensive instructions for the ANPVIZ HK Series Network Dome Camera, covering installation, activation, operation via PC browser and mobile app, and connection to NVRs.</p>