A-ZONE. AZ-K5P1080-B

A-ZONE Security Camera User Manual

Model: AZ-K5P1080-B

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the A-ZONE Two-Way Audio 5 Megapixel POE Powered Security Camera, model AZ-K5P1080-B. This camera is designed for enhanced surveillance, offering high-resolution video and two-way audio communication capabilities.

Figure 1: A-ZONE 5 Megapixel POE Security Camera. This image shows the white bullet-style camera with its mounting base, highlighting the lens and infrared LEDs on the front face.

Key Features:

- **5 Megapixel Ultra-High Resolution:** Achieves 5-megapixel high resolution beyond Full HD, enabling clearer and more

detailed video surveillance.

- **Two-Way Audio:** Allows for real-time communication through the camera.
- **Advanced Night Vision:** Equipped with 4 high-quality LED lights and IR-cut, the LED lamps automatically adjust brightness according to the surveillance environment, providing clear infrared images even in completely dark environments.
- **IP67 Weatherproof Design:** Stronger than IP66, this camera is robustly designed for safe use in rain or storms, capable of withstanding direct exposure to elements.
- **POE (Power Over Ethernet) Support:** Simplifies installation by providing power and data through a single Ethernet cable.

2. SETUP AND INSTALLATION

Before installation, ensure you have all necessary components. This camera is a standalone unit and does not include a LAN cable, which must be purchased separately.

Package Contents:

- A-ZONE 5 Megapixel POE Security Camera (Model: AZ-K5P1080-B)
- Mounting Screws and Anchors
- Waterproof Connector for Ethernet Cable
- Quick Start Guide

Installation Steps:

1. **Choose a Location:** Select a suitable outdoor or indoor location for the camera. Ensure the chosen spot provides the desired viewing angle and is within reach of your POE network infrastructure. The IP67 rating ensures durability in various weather conditions.
2. **Mount the Camera:**

   - Position the mounting base against the wall or ceiling.
   - Mark the drill holes using the base as a template.
   - Drill pilot holes and insert the provided anchors if mounting on masonry or drywall.
   - Secure the mounting base to the surface using the screws.
   - Attach the camera body to the mounting base and adjust the angle as needed.

3. **Connect the POE Cable:**

   - Connect a standard Ethernet (LAN) cable (not included) from your POE switch or POE NVR to the camera's Ethernet port.
   - Use the provided waterproof connector to protect the Ethernet connection from moisture, especially for outdoor installations.
   - Ensure the connection is secure. The camera will power on automatically once connected to a POE source.

4. **Network Configuration:**

   - Refer to your POE NVR or network software's instructions for adding and configuring new IP cameras.
   - The camera supports P2P cloud service for remote access. Follow the instructions provided with your NVR or the camera's specific software for P2P setup.

3. OPERATING INSTRUCTIONS

Once installed and connected to your network, you can operate the camera through your NVR system or dedicated surveillance software.

Live View:

- Access the live feed through your NVR monitor or the mobile/desktop application.
- Adjust the camera's physical angle if the initial view is not optimal.

Two-Way Audio:

- Utilize the two-way audio feature via your NVR or application interface.
- Ensure your NVR or viewing device has a microphone and speaker enabled for this function.

Recording:

- Configure recording settings (continuous, motion-triggered, scheduled) via your NVR or surveillance software.
- The 5-megapixel resolution ensures high-quality recordings.

Night Vision:

- The camera automatically switches to night vision mode in low-light conditions.
- The integrated IR-cut filter and high-quality LEDs provide clear black-and-white images in complete darkness.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your security camera.

- **Lens Cleaning:** Periodically clean the camera lens with a soft, damp cloth to remove dust, dirt, or water spots that may obstruct the view. Avoid abrasive cleaners.
- **Housing Inspection:** Check the camera housing and mounting bracket for any signs of damage or loose connections, especially after severe weather.
- **Cable Inspection:** Ensure the Ethernet cable and its waterproof connector are intact and securely connected.
- **Software Updates:** Regularly check for firmware updates for your camera and NVR system to ensure the latest features and security patches.

5. TROUBLESHOOTING

If you encounter issues with your A-ZONE security camera, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No video feed / Camera offline	- No power (POE issue) - Loose Ethernet connection - Network configuration error	- Check POE switch/NVR for power output. - Ensure Ethernet cable is securely connected at both ends. - Verify camera's IP address and network settings in your NVR/software. - Try restarting the POE switch/NVR.
Poor image quality	- Dirty lens - Insufficient lighting (night vision not activating) - Incorrect resolution settings	- Clean the camera lens. - Ensure there are no obstructions blocking the IR LEDs. - Check resolution settings in your NVR/software; ensure it's set to 5MP (1920p).

Problem	Possible Cause	Solution
Two-way audio not working	- Microphone/speaker disabled in software - Network bandwidth issues	- Enable audio input/output in your NVR or surveillance application settings. - Check network connection stability.

If the problem persists after trying these solutions, please contact A-ZONE customer support.
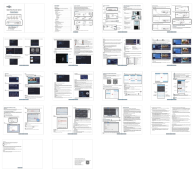
6. SPECIFICATIONS

Feature	Detail
Brand	A-ZONE.
Model Number	AZ-K5P1080-B
Video Capture Resolution	5 Megapixel (1920p)
Connectivity Technology	Wired (POE)
Special Features	Night Vision, Two-Way Audio, IP67 Weatherproof
Recommended Use	Home Security, Surveillance
Color	White (Recording Camera Single Unit)
Package Dimensions	19.6 x 10.4 x 10 cm
Item Weight	490 g
ASIN	B07SYX8BWF

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official A-ZONE website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Note: As per product information, this camera is an add-on unit. Ensure compatibility with your existing NVR system before purchase and installation.
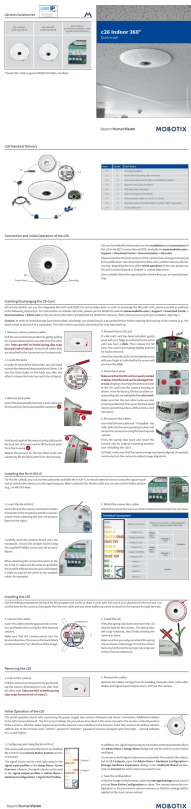
Related Documents - AZ-K5P1080-B

[Hiseeu Security Camera System User Manual and Guide](#)
Comprehensive user manual for Hiseeu Security Camera Systems, detailing features like 5MP/1080p resolution, PoE, 2-way audio, face/human detection, night vision, motion alerts, remote access, and H.265+ recording. Includes setup and connectivity information.

[Hugolog Indoor Security Cameras User Manual](#)
User manual for Hugolog indoor security cameras, detailing features like 4K resolution, AI sound processing, night vision, and Alexa compatibility for baby, pet, and home monitoring. Includes setup guidance and model specifications.

[MOBOTIX c26 Indoor 360° Camera Quick Install Guide](#)

This document provides a quick installation guide for the MOBOTIX c26 Indoor 360° camera. It covers standard delivery contents, connection and initial operation, SD card insertion/exchange, installation of the Mx-A-IOA-IC accessory, camera mounting, boot options, important safety and legal notes, and detailed technical specifications.

[Boifun Outdoor Security Camera User Manual](#)

Comprehensive user manual for the Boifun Outdoor Security Camera. Learn about product features, installation, Wi-Fi connection, app usage, battery management, and troubleshooting tips for your Boifun security camera.

[Zintronic CamHiPro Application: Recording, Playback, and Alarm Settings Guide](#)

A comprehensive guide to Zintronic's CamHiPro application for security cameras. Learn how to configure SD card recording, set up alarm notifications, and playback video footage efficiently.

[Home Zone Security Smart Wireless Indoor Camera Quick Start Guide](#)
Concise guide for setting up and using the Home Zone Security Smart Wireless Indoor Camera. Covers unboxing, installation, network connection, app registration, functions, and troubleshooting FAQs.