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› **Anpviz 5MP PoE Turret Security IP Camera (Model: IPC-D3B53W-S) Instruction Manual**

Anpviz IPC-D3B53W-S

Anpviz 5MP PoE Turret Security IP Camera Instruction Manual

Model: IPC-D3B53W-S

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Anpviz 5MP PoE Turret Security IP Camera (Model: IPC-D3B53W-S). This camera is designed for outdoor surveillance, featuring 5MP HD resolution, smart human motion detection, dual light color night vision, and a durable full-metal, IP66 waterproof housing. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. WHAT'S IN THE BOX

Upon unpacking, please verify that all items listed below are present and in good condition:

- Anpviz 5MP PoE Turret Security IP Camera
- Instruction Manual
- Installation Template
- Mounting Screws and Wall Plugs
- Waterproof Lid for Network Cable
- Warning Sticker

Image: Contents of the Anpviz 5MP PoE Camera box, including the camera, manual, mounting hardware, and warning

sticker.

Unboxing Video

3. PRODUCT OVERVIEW

Key Features

- **5MP HD Resolution:** 2880x1620@25fps with a 1/3" CMOS sensor for sharp video.
- **110° Wide Angle Lens:** Fixed 2.8mm F1.6 lens for broad area coverage.
- **Smart Human Motion Detection:** Advanced AI distinguishes human movement, reducing false alarms.
- **Smart Dual Light Color Night Vision:** Infrared LEDs for clear black-and-white images up to 98ft (30m), and integrated warm lights for full-color video in low-light conditions.
- **Built-in Microphone:** For one-way audio monitoring.
- **Durable Construction:** Full metal housing with IP66 waterproof rating and 4000V lightning protection.
- **H.265/H.264 Compression:** Efficient video compression for reduced storage and bandwidth usage.
- **NVR Compatibility:** Works with Anpviz NVRs and other 3rd party On-vif PoE NVRs (e.g., ISpy, Blue-iris, Mile-stone, Syno-logy NAS).

Visual Features

Image: Illustrates 5MP HD resolution with 1/3" CMOS sensor and 110° wide angle.

Metal Housing
IP66 Waterproof

2.8mm Lens
110° Wide Angle

Built-in Microphone
One Way Audio

2pcs IR Leds & Spotlights
Smart Color Night Vision

4.7 inch / 11.99mm

4.5 inch / 11.48mm

JB3X Match for Anpviz U/H Series Turret POE Camera

5MP	Motion/Human	Smart Color	Built-in Mic
5MP 2880x1620@25fps	Detection	Night Vision	
2.8mm Lens	1/3" CMOS Sensor	110° Wide Angle	F1.6 Large Aperture
H.265 Compression	IP66 Waterproof	Full Metal	

Image: Demonstrates Smart Dual Light Color Night Vision capabilities.

Human Detection

Human Detection   Motion Detection

Image: Shows the camera's Smart Human Detection in action.

IP66 Waterproof
Full Metal

Image: Highlights the IP66 waterproof and full metal construction.

Functionality Video

Video: Function of 5MP POE IP Camera. This video demonstrates the camera's features, including human detection and night vision.

4. SETUP AND INSTALLATION

Important Note on App Support

This camera does NOT support a standalone mobile application. It requires connection to an NVR (Network Video Recorder) or compatible third-party software for access and functionality.

Connection Methods

The Anpviz 5MP PoE Camera offers flexible connection options:

1. **Connect via Anpviz NVR PoE:** Directly connect the camera to a PoE port on a compatible Anpviz NVR using a single Ethernet cable. This provides both power and data.
2. **Connect via Third-Party On-vif PoE NVR:** Connect the camera to a PoE port on a compatible third-party NVR that supports the On-vif protocol.
3. **Connect via PoE Injector or PoE Switch:** If your NVR or network does not have PoE capabilities, you can use a separate PoE injector or PoE switch to power the camera and transmit data.

Image: Diagram showing connection options for the Anpviz PoE Camera with an NVR and router.
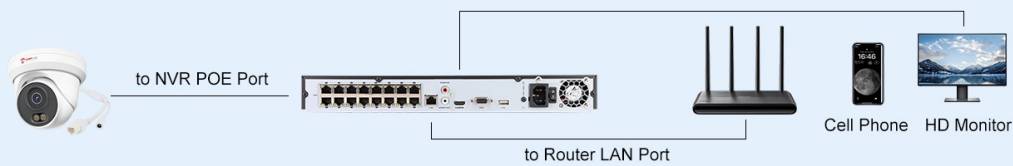
Physical Installation

The camera can be mounted on a wall or ceiling. Use the provided drill template to mark the screw holes accurately. Ensure the mounting surface is strong enough to support the camera.

- **Wall Mount:** Position the camera to cover the desired area, ensuring a clear line of sight.
- **Ceiling Mount:** Ideal for wider coverage in outdoor areas.

Purchase Notes: Not Support APP, We recommend you use it with NVR

Plug & Play with Anpviz NVR (Recommend) and Work with Third Party under on-vif protocol

to NVR POE Port

to Router LAN Port

Cell Phone   HD Monitor

How to get started with the PoE Camera?

We recommend you U Series NVR3116M2-16P- 4TB.

NOTE

The 5mp poe camera works with Anpviz PoE NVR and other thrid party On-vif NVR, Works on ISpy, Blue-iris, Mile-stone, software.

Image: Examples of wall mount and ceiling mount installations for the Anpviz PoE Camera.

5. OPERATING INSTRUCTIONS

Once the camera is successfully connected to your NVR or compatible third-party software, you can access and manage its features through the NVR's interface or the software's application.

Accessing the Camera

- Use the NVR's local interface (connected to a monitor) or its dedicated mobile/desktop application.
- For third-party software (e.g., ISpy, Blue-iris), follow their specific instructions for adding an On-vif compatible IP camera.

Ultra Wide
Offers 110° wider view to cover more areas with fewer blind spots

Image: Illustrates that the camera does not support a standalone app and requires an NVR for access.

Smart Human Motion Detection

The camera's advanced AI technology can accurately distinguish human movement from other motion sources like animals or leaves, significantly reducing false alarms. This feature is configurable within your NVR or software settings.
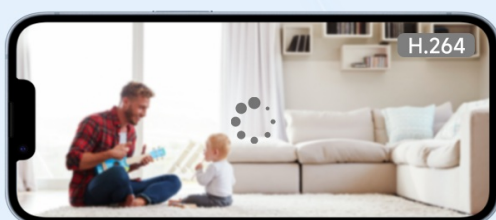
Human Motion Detection 2.0

Image: Depicts the Human Motion Detection 2.0 feature.

Smart Dual Light Color Night Vision

The camera offers three night vision modes:

- **Infrared Night Vision:** Provides clear black-and-white images in total darkness up to 98ft (30m).
- **Full Color Night Vision:** Integrated warm lights enable vibrant full-color video in low-light conditions.
- **Smart Color Night Vision (Default):** Automatically switches between IR and warm light based on detection, providing color when needed.

Image: Illustrates the three night vision modes: Infrared, Smart Color, and Full Color.

6. 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 official website or your NVR manufacturer's support page for firmware updates to ensure optimal performance and security.
- **Cable Inspection:** Regularly inspect all cables for any signs of wear or damage, especially in outdoor installations. Ensure waterproof connections are secure.

7. TROUBLESHOOTING

- **No Image/Video:**

  - Verify power supply to the camera (via PoE or separate adapter).

- Check network cable connection to the NVR/PoE switch.
- Ensure the NVR/software is properly configured to detect the camera.

- **Poor Image Quality:**

  - Clean the camera lens.
  - Check network bandwidth and connection stability.
  - Adjust camera settings (e.g., resolution, bitrate) in the NVR/software.

- **False Alarms:**

  - Adjust the sensitivity of human motion detection in your NVR/software settings.
  - Ensure the camera's field of view is clear of moving objects like tree branches or flags.

- **Cannot Access Camera via App:**

  - Remember, this camera does not support a standalone app. Access is through your NVR's app or compatible third-party software.
  - Ensure your NVR is properly connected to the internet and its app is configured correctly.

Password Reset Video

Video: How to Reset U Series PoE IP Cameras' Password. This video provides instructions on resetting the camera's password.

8. SPECIFICATIONS

Feature	Detail
Model Number	IPC-D3B53W-S
Resolution	5MP (2880x1620)
Frame Rate	25 frames per second
Lens	Fixed 2.8mm F1.6
Viewing Angle	110 Degrees
Night Vision	Smart Dual Light Color Night Vision (up to 98ft/30m)
Detection	AI Human Motion Detection (No vehicle detection)
Audio	Built-in Microphone (One-way audio)
Compression	Dual H.265/H.264
Connectivity	Wired (PoE)
Weather Resistance	IP66 Waterproof, Full Metal Housing, 4000V Lightning Protection
Dimensions	4.7 x 4.5 x 4.5 inches
Weight	1.01 pounds

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included in your product packaging or visit the official Anpviz website. You can also visit the Anpviz Security Professional store on Amazon for additional resources.

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