

JideTech JideTech 8MP 4K PTZ POE Dome Camera

JideTech 4K PTZ POE Camera User Manual

Model: JideTech 8MP 4K PTZ POE Dome Camera

Brand: JideTech

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your JideTech 4K PTZ POE Camera. This advanced security camera features Ultra 4K HD resolution, 5x optical zoom, 355° pan and 90° tilt capabilities, human/vehicle detection with auto-tracking, built-in 2-way audio, and an SD card slot for local storage. It is designed for both indoor and outdoor use with an IP66 weatherproof rating, ensuring reliable surveillance in various environments.

WHAT'S IN THE Box

- 1x 4K PTZ POE Camera
- 1x 1-meter Network Cable
- 1x Power Adapter
- 1x Screw Bag
- 1x Waterproof Cap
- 1x Positioning Sticker
- 1x Product Manual (this document)

SPECIFICATIONS

Feature	Description
Video Capture Resolution	4K (8MP)
Optical Zoom	5x
Pan/Tilt Range	355° Pan / 90° Tilt
Detection	Human/Vehicle Detection, Auto Tracking
Audio	Built-in 2-Way Audio (Microphone & Speaker)
Night Vision Range	Up to 65 feet (IR LEDs)

Feature	Description
Waterproof Rating	IP66
Storage	Supports up to 512GB SD card (not included)
Connectivity	POE (Power over Ethernet), Wired LAN
Compatible Devices	Smartphone (iOS/Android), PC (Windows)
Material	Metal Aluminum Case

SETUP AND INSTALLATION

Follow these steps to set up your JideTech 4K PTZ POE Camera.

Mounting the Camera

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



Figure 1: JideTech 4K PTZ POE Camera showing 355° pan and 90° tilt capabilities.

1. **Step 1: Remove the base.** Use a screwdriver to detach the mounting base from the camera body.
2. **Step 2: Mount the base.** Secure the base to your desired wall or ceiling location using the provided screws.
3. **Step 3: Attach the camera.** Align the camera body with the mounted base and twist to lock it securely in place.

Connection Methods

Your JideTech camera offers multiple connection options:

Your browser does not support the video tag.

Video 1: Demonstrates three ways to connect the camera, including via NVR PoE, DC12V power supply, and PoE injector/switch.

1. Connect via NVR PoE (Power over Ethernet)

This method allows both power and data transmission over a single Ethernet cable when connected to a compatible PoE NVR. Simply connect the camera's PoE port to a PoE port on your NVR.

2. Connect by DC12V Power Supply

For non-PoE setups, power the camera using the included 12V power adapter and connect it to your router via a standard

Ethernet cable. This requires both a power outlet and an Ethernet port.

3. Connect via PoE Injector or PoE Switch

Use a PoE injector or switch to provide power and data to the camera over Ethernet. Connect the camera to the PoE injector/switch, and then connect the injector/switch to your router. This is ideal for extending reach or adding PoE capabilities to a non-PoE network.

PLUG & PLAY with Hikvision NVR

Free APP for P2P, Acess From Anywhere



Simple Connection

Warm Tips:

- 1) If you are unable to run the search tool (AjDevTools) then please run (SADP) to search the camera.
- 2) As we have the mobile APP upgrade to(Videolink), please download Video Link for P2P Viewing. If Videolink failed to connect the camera, then please try (AC18PRO).
- 3) Kindly contact me via support@jidetech.com if you got any question about connecting or using the ip cameras

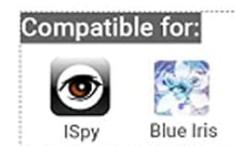


Figure 2: Close-up of the camera's connection ports, including the network cable interface, power interface, and reset button.

OPERATING THE CAMERA

Mobile App Setup and Control

The JideTech camera can be controlled remotely via a dedicated mobile application (e.g., AC18Pro). This app allows for live viewing, remote control, and configuration of various camera features.

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Video 2: Guide on connecting the camera to the mobile app and using PTZ controls.

1. Download the official app (e.g., AC18Pro) from your device's app store.

2. Register an account and log in.
3. Add your device by scanning the QR code located on the camera or manually entering its UID.
4. Once connected, you can access live view, control pan/tilt/zoom, and configure settings.

Pan, Tilt, and Zoom (PTZ)

Use the app's control interface to remotely adjust the camera's viewing angle.

- **Pan:** Rotate the camera horizontally up to 355°.
- **Tilt:** Adjust the camera vertically up to 90°.
- **Optical Zoom:** Utilize the 5x optical zoom for detailed views without losing image quality.

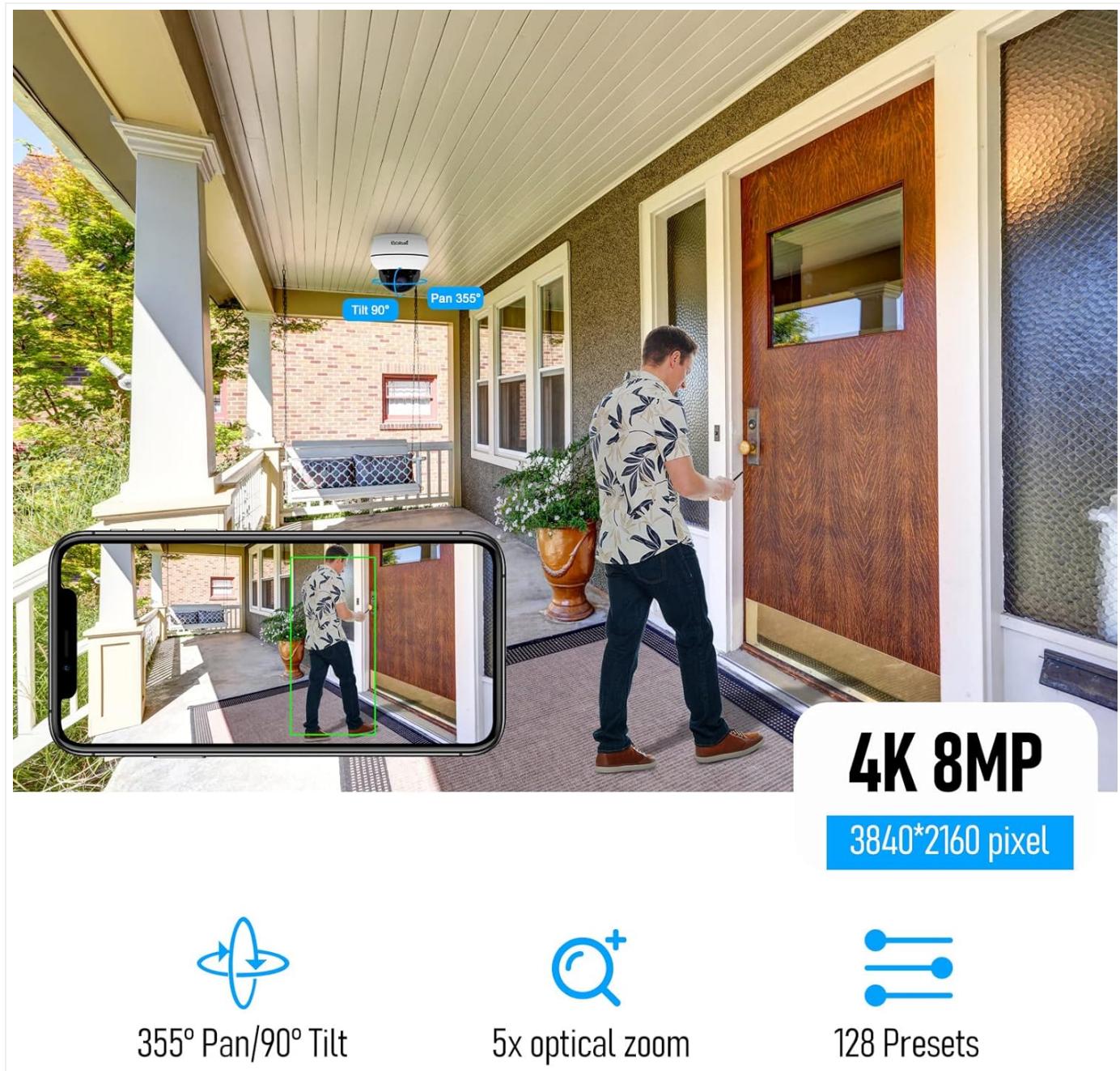


Figure 3: Illustrates the camera's 4K 8MP resolution, 355° pan, 90° tilt, and 5x optical zoom capabilities.

Human/Vehicle Detection and Auto Tracking

The camera can intelligently detect human and vehicle shapes, reducing false alarms. When detected, it can automatically track the subject and send alerts to your mobile phone.

Smart Human/Vehicle Detection with Auto Tracking



Email



Push



FTP

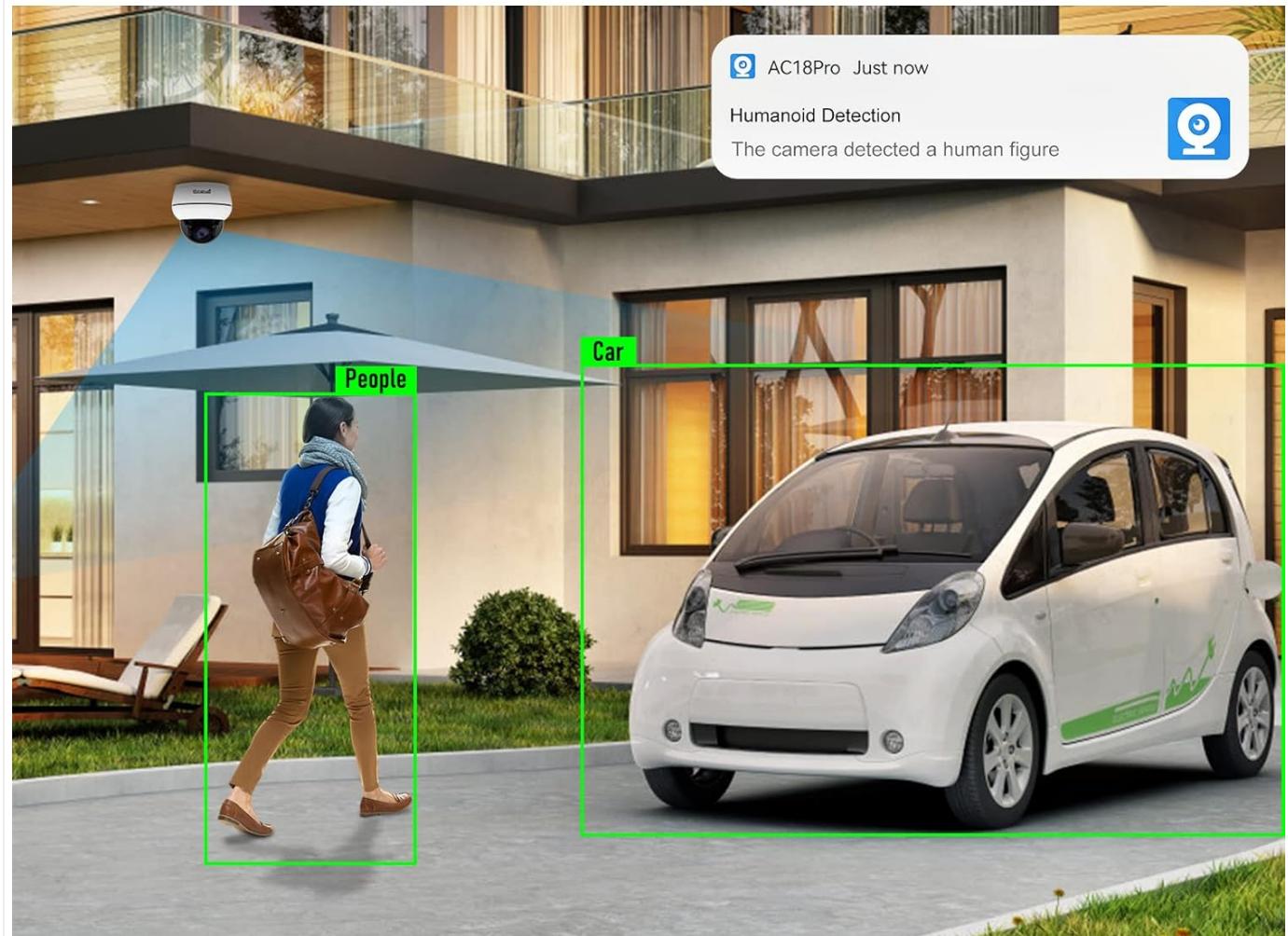
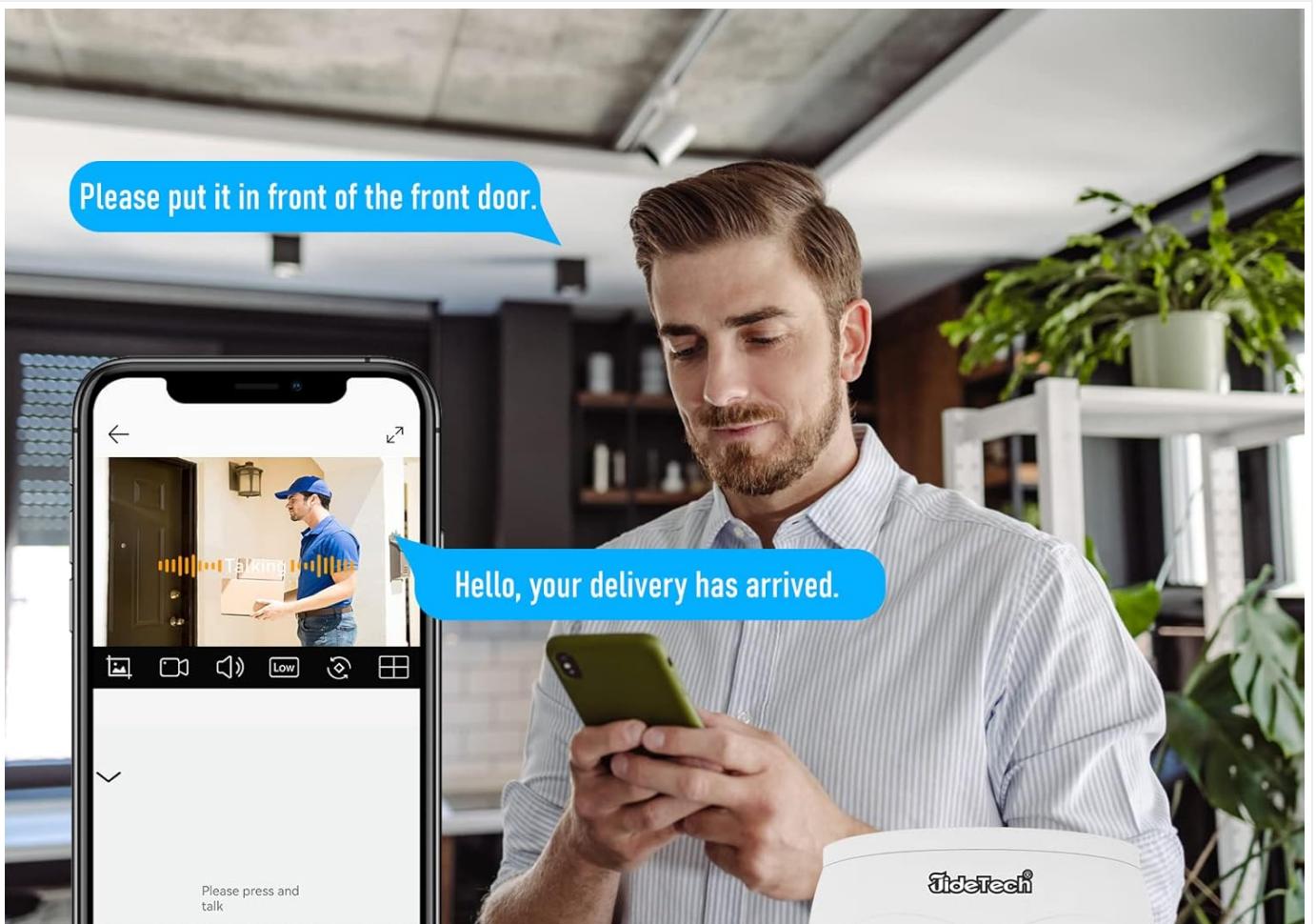


Figure 4: Depicts the smart human/vehicle detection feature, highlighting detected subjects with green boxes and showing alert notifications.

2-Way Audio

The built-in microphone and speaker allow for real-time two-way communication. You can listen to the camera's surroundings and speak through the camera using the mobile app.



Two-way Audio

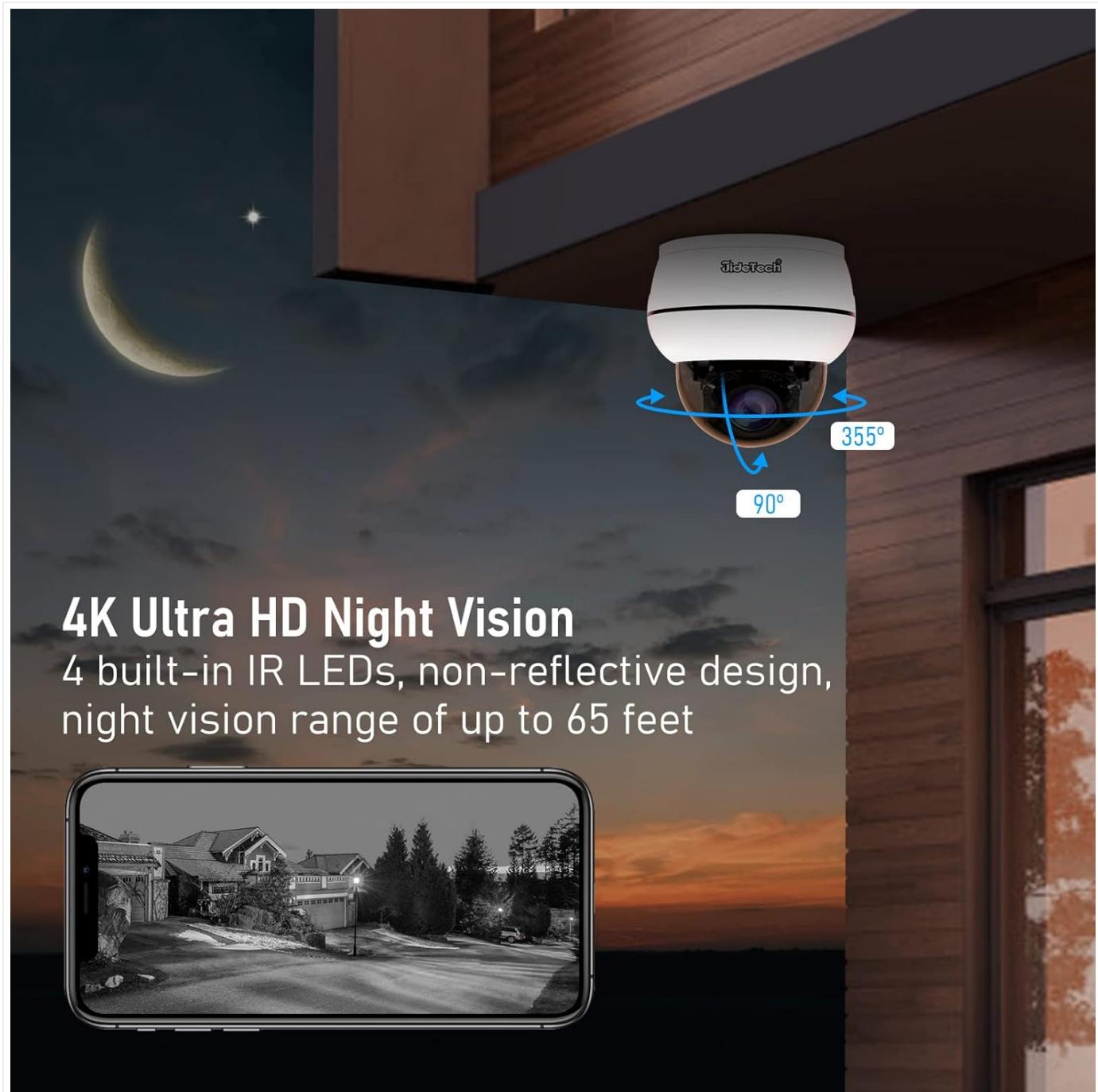
Multi-users viewing



Figure 5: Shows the two-way audio functionality, enabling communication through the camera via a smartphone.

Night Vision

The camera is equipped with IR LEDs for clear night vision up to 65 feet, ensuring surveillance even in low-light conditions.



4K Ultra HD Night Vision

4 built-in IR LEDs, non-reflective design,
night vision range of up to 65 feet



Figure 6: Demonstrates the 4K Ultra HD night vision capability, showing a clear black and white image in dark conditions.

MAINTENANCE

To ensure optimal performance and longevity of your JideTech camera:

- Regularly clean the camera lens with a soft, dry cloth to prevent dust and smudges from affecting image clarity.
- Ensure all cable connections are secure and free from damage.
- Check for firmware updates through the mobile app or manufacturer's website to benefit from the latest features and security enhancements.
- The camera has an IP66 weatherproof rating, protecting it from dust and strong jets of water. While durable, avoid submerging the camera in water.

Multiple video storage options

7/24
Recording



support up to
512GB
SD card

Onvif
Onvif Conformant



Work with FTP

*SD Card Not Included

Figure 7: Highlights the camera's IP66 waterproof rating, indicating its resistance to rain, sun, and dust.

TROUBLESHOOTING

If you encounter issues with your camera, refer to the following common solutions:

- **No Power/Offline:** Check all power and network cable connections. Ensure the power adapter is functioning correctly. For PoE setups, verify the NVR or switch is providing power.
- **Cannot Connect to App:** Ensure your mobile device is connected to the same network as the camera during initial setup. Verify the QR code or UID is entered correctly. Restart the camera and your router.
- **Poor Image Quality:** Clean the camera lens. Check your network connection speed. Ensure the camera's resolution settings in the app are set to 4K/8MP.
- **Motion Detection Issues:** Adjust the sensitivity settings in the app. Ensure the detection zones are correctly configured.
- **2-Way Audio Problems:** Check the volume settings on your mobile device and within the app. Ensure the microphone and speaker on the camera are not obstructed.

For more detailed troubleshooting, please refer to the [Troubleshooting Guide \(PDF\)](#).

WARRANTY AND SUPPORT

JideTech offers comprehensive support for its products:

- **1-Year Warranty:** The product comes with a 1-year warranty for replacement, not repair.
- **24/7 Online Support:** Dedicated one-to-one online support is available.
- **30-Day Money Back Guarantee:** If you are not satisfied, a 30-day money-back guarantee is provided.
- **No Monthly Fees:** No recurring monthly fees for basic functionality.

If you have any problems with the camera, please feel free to contact us via Amazon email or find us in the manual. We will provide a good solution.

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