

ANNKE FCD600

ANNKE FCD600 6MP Dual-Lens 180° PoE IP Outdoor Security Camera User Manual

Model: FCD600

1. INTRODUCTION

The ANNKE FCD600 is a high-performance 6MP dual-lens Power over Ethernet (PoE) IP security camera designed for outdoor surveillance. It features an ultra-wide 180° field of view, advanced AI motion detection for persons and vehicles, full-color night vision, and two-way audio communication. This manual provides essential information for the proper installation, operation, and maintenance of your camera.

2. PACKAGE CONTENTS

Before installation, please verify that all components are present in the package:

- 1 x ANNKE 6MP Dual-Lens PoE Camera
- 1 x 1m Network Cable
- 1 x Mounting Bracket
- 1 x Drill Template
- 1 x Quick Start Guide
- 1 x Surveillance Sticker
- 1 x Screw Bag (includes screws and wall plugs)
- 1 x Allen Key

What's in the Box



X1 Camera



X1 Installation Bracket



X1 1M Network Cable



X1 Wall Sticker



X1 User Manual



X1 Drill Template



X1 Screw Bag



X1 Waterproof Lid

Figure 2.1: Package Contents. This image displays all items included in the ANNKE FCD600 camera box, ensuring you have everything needed for installation.

3. PHYSICAL OVERVIEW

The ANNKE FCD600 camera features a robust design suitable for outdoor environments. It integrates two lenses to achieve its wide field of view and includes essential components for power and network connectivity.

Product size



Figure 3.1: Product Dimensions. The camera measures approximately 101.1mm (39.8 inches) in width, 120.4mm (47.4 inches) in depth, and 138.1mm (54.3 inches) in height.

Forerunning 180° Stitched Width

2X wider than regular cams



ANNKE 180° - Vivid colors in 1 feed



Other 150° - Color distortion in 2 feeds

Figure 3.2: Front View and 180° Field of View. This image highlights the dual-lens design that provides a seamless 180-degree panoramic view, effectively covering a wider area than single-lens cameras.

4. INSTALLATION AND SETUP

4.1 Mounting the Camera

The ANNKE FCD600 is designed for wall mounting. Its IP66 weather-resistant rating ensures durability in various outdoor conditions.

1. **Choose a Location:** Select a suitable outdoor location that provides the desired surveillance coverage and allows for

easy cable routing. Ensure the mounting surface is sturdy enough to support the camera.

2. **Use the Drill Template:** Place the provided drill template on the wall at the chosen location. Mark the positions for drilling.
3. **Drill Holes:** Drill holes according to the marks. Insert the wall plugs if mounting on masonry.
4. **Attach Mounting Bracket:** Secure the mounting bracket to the wall using the screws provided in the screw bag.
5. **Mount the Camera:** Attach the camera to the mounting bracket. Ensure it is securely fastened.

Pay for One yet Works as Two

One-Time Installation



Figure 4.1: Simplified Installation. The dual-lens design reduces the need for multiple cameras, streamlining the installation process.

4.2 Power and Network Connection (PoE)

The ANNKE FCD600 camera utilizes Power over Ethernet (PoE) for both power supply and data transmission, simplifying wiring.

1. **Connect Ethernet Cable:** Connect one end of the provided 1m network cable to the camera's Ethernet port.
2. **Connect to PoE Device:** Connect the other end of the network cable to a PoE-enabled NVR (Network Video Recorder) or a PoE switch. Ensure the NVR/switch is powered on.
3. **Power On:** The camera will power on automatically once connected to a PoE source.

4.3 Initial Configuration (ANNKE Vision App)

For initial setup and remote access, download the ANNKE Vision app on your smartphone or tablet.

1. **Download App:** Search for "ANNKE Vision" in your device's app store (iOS App Store or Google Play Store) and install it.
2. **Create Account:** Open the app and register for an ANNKE account if you don't have one.
3. **Add Device:** Follow the in-app instructions to add your FCD600 camera. This typically involves scanning a QR code on the camera or manually entering its serial number.
4. **Network Settings:** The app will guide you through configuring network settings. While the camera is primarily PoE, the app uses your device's Wi-Fi for communication during setup and for remote viewing.
5. **Set Password:** Create a strong password for your camera to ensure security.

5. OPERATION

5.1 Live View and Recording

Access live video feeds and recorded footage through your NVR or the ANNKE Vision app.

- **NVR Access:** Connect a monitor to your NVR to view live feeds and manage recordings directly. Refer to your NVR's manual for specific instructions.
- **App Access:** Open the ANNKE Vision app, select your camera, and view the live stream. You can initiate manual recordings, take snapshots, and access recorded events.

5.2 6MP Resolution

The camera captures video at a 6-megapixel resolution, providing clear and detailed images for enhanced surveillance.

Startling 6MP Resolution

Vivid in details & awesome on the whole



Figure 5.1: 6MP Resolution Detail. This image demonstrates the superior clarity of 6MP resolution, allowing for finer details like license plate numbers to be visible compared to standard 1080p.

6. ADVANCED FEATURES

6.1 Full-Color Night Vision

Equipped with advanced starlight sensors and integrated spotlights, the FCD600 provides full-color night vision, even in extremely low-light conditions. In complete darkness, it seamlessly transitions to infrared (IR) night vision for clear black-and-white images.

Full-Color Night Vision

2pcs
Spotlights

100 ft
Night Vision

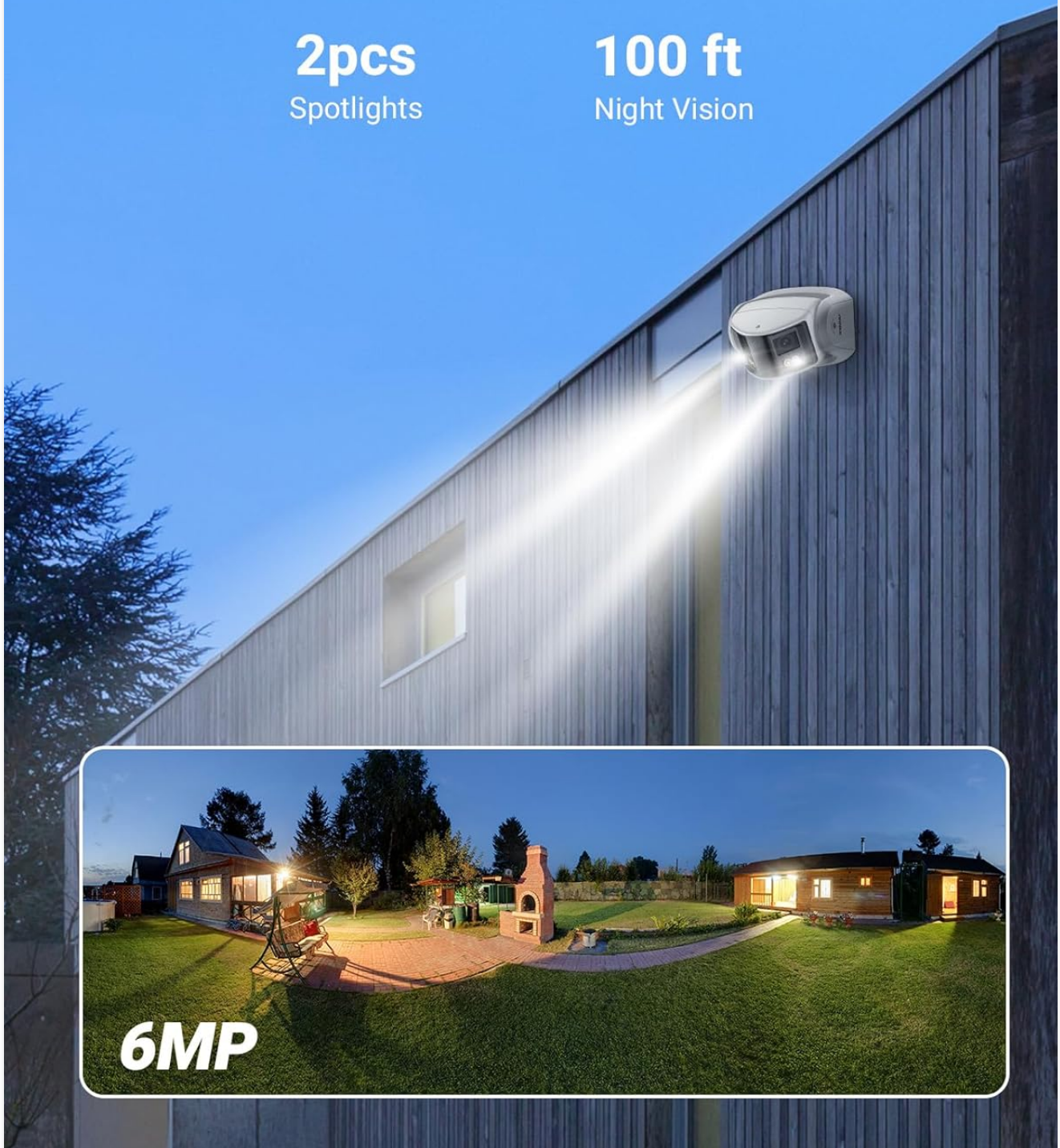


Figure 6.1: Full-Color Night Vision. This image illustrates the camera's ability to capture vivid, full-color video at night, extending up to 100 feet with its built-in spotlights.

6.2 AI Motion Detection (Person/Vehicle)

The camera features intelligent AI-powered motion detection that can distinguish between persons and vehicles, reducing false alarms. When a detected event occurs, you will receive real-time notifications.

- **Customizable Detection Zones:** Set specific areas within the camera's view for motion detection.
- **Active Deterrence:** Configure the camera to trigger a customizable siren upon detection to deter intruders.

AI Motion Detection



Figure 6.2: AI Motion Detection. This image shows the camera's capability to accurately identify and differentiate between human and vehicle movement, sending precise alerts to the user's mobile device.

6.3 Two-Way Audio

The built-in microphone and speaker enable two-way audio communication, allowing you to listen and speak through the camera via the ANNKE Vision app.

- **Remote Communication:** Speak to visitors, delivery personnel, or warn off unwanted individuals from anywhere.
- **Audio Monitoring:** Listen to sounds from the camera's vicinity.

Crisper Two-Way Talk



Figure 6.3: Two-Way Audio Communication. This image demonstrates the practical use of the two-way audio feature, enabling real-time conversation with individuals near the camera.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your ANNKE FCD600 camera.

- **Lens Cleaning:** Periodically clean the camera lenses with a soft, damp cloth to remove dust, dirt, or water spots that may affect image clarity. Do not use harsh chemicals.
- **Housing Inspection:** Inspect the camera housing and mounting bracket for any signs of damage or loosening.

Tighten screws if necessary.

- **Cable Check:** Ensure all cables are securely connected and free from damage.
- **Firmware Updates:** Check the ANNKE Vision app or ANNKE's official website for available firmware updates. Keeping your camera's firmware updated ensures access to the latest features and security enhancements.

8. TROUBLESHOOTING

If you encounter issues with your ANNKE FCD600 camera, refer to the following common troubleshooting steps:

- **No Power/No Image:**
 - Ensure the PoE NVR/switch is powered on.
 - Verify the Ethernet cable is securely connected at both ends.
 - Try a different Ethernet port on the NVR/switch or a different cable.
- **Cannot Connect to App:**
 - Ensure your smartphone is connected to a stable Wi-Fi network or mobile data.
 - Verify the camera is powered on and connected to the network via PoE.
 - Restart the camera and your router/NVR.
 - Ensure the ANNKE Vision app is updated to the latest version.
 - If using a QR code, ensure the camera lens is clean and the lighting is adequate.
- **Poor Image Quality:**
 - Clean the camera lenses.
 - Check for obstructions in the camera's field of view.
 - Ensure the camera is receiving adequate power.
 - Adjust image settings (brightness, contrast) in the app or NVR.
- **False Motion Alerts:**
 - Adjust the sensitivity of motion detection in the app.
 - Refine the detection zones to exclude areas with frequent irrelevant movement (e.g., trees swaying).
 - Ensure AI detection for Person/Vehicle is enabled if you wish to filter out other movements.

For further assistance, please refer to the ANNKE official support resources.

9. SPECIFICATIONS

Feature	Specification
Model	FCD600
Resolution	6 MP (3072 x 2048 pixels)
Field of View	180 Degrees (Dual-Lens Stitched)
Connectivity Technology	Wired (PoE), Wireless (Wi-Fi for app control)
Power Source	Power over Ethernet (PoE)
Special Features	Full-Color Night Vision, AI Person/Vehicle Detection, Two-Way Audio, Siren
Usage Environment	Outdoor

Feature	Specification
IP Rating	IP66 (Weatherproof)
Control Method	ANNKE Vision App, NVR
Sensor Technology	BSI (Back-Side Illuminated)
Dimensions (approx.)	101.1mm (W) x 120.4mm (D) x 138.1mm (H)
Material	Metal

10. WARRANTY AND SUPPORT

10.1 Warranty Information

ANNKE products typically come with a limited warranty. Please refer to the warranty card included in your package or visit the official ANNKE website for detailed warranty terms and conditions specific to your region and purchase date.

10.2 Technical Support

For technical assistance, product inquiries, or troubleshooting beyond this manual, please contact ANNKE customer support:

- **Online Support:** Visit the official ANNKE support website for FAQs, firmware downloads, and contact options.
- **Email Support:** Contact ANNKE support via email for detailed inquiries.
- **Phone Support:** Check the ANNKE website for regional phone support numbers and operating hours.

When contacting support, please have your product model (FCD600) and purchase information readily available.