SANNCE SD-KI51BE0203

SANNCE PoE 5MP Surveillance Camera Instruction Manual

Model: SD-KI51BE0203

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your SANNCE PoE 5MP Surveillance Cameras. These cameras are designed for both indoor and outdoor use, offering high-resolution video surveillance with Power over Ethernet (PoE) connectivity.

Key Features:

- 5 Megapixel (2560x1920 pixels) High-Resolution Video
- Power over Ethernet (PoE) for simplified installation
- IP66 Weatherproof Metal Housing for outdoor durability
- Built-in Microphone for audio recording (no two-way audio)
- Advanced H.264+ Video Compression
- 36 Infrared (IR) LEDs for clear night vision

Image 1.1: SANNCE PoE 5MP Camera demonstrating IP66 weatherproof metal housing, resistant to heat, cold, and lightning.

2. PACKAGE CONTENTS

Please check the package contents upon receipt. If any items are missing or damaged, contact SANNCE customer support.

- SANNCE PoE 5MP Surveillance Camera (x2)
- Ethernet Cables (x2)
- Mounting Screw Kits (x2)
- Quick Start Guide
- Security Notice Sticker

Image 2.1: Two SANNCE PoE 5MP cameras shown with their respective Ethernet cables, mounting kits, quick start guide, and security notice.

3. SETUP INSTRUCTIONS

3.1 Camera Dimensions

Before mounting, familiarize yourself with the camera's dimensions to ensure proper placement and clearance.

Image 3.1: Diagram illustrating the physical dimensions of the SANNCE PoE 5MP camera, including length (170mm) and diameter (65mm).

3.2 Mounting the Camera

1. **Choose a Location:** Select a suitable location for your camera, considering the desired viewing angle, proximity to the NVR or PoE switch, and protection from direct impact. The IP66 rating allows for outdoor installation.

2. **Drill Holes:** Use the provided mounting template (if available in the quick start guide) or the camera base to mark and drill pilot holes for the mounting screws.

3. **Secure the Camera:** Attach the camera base firmly to the mounting surface using the supplied screws and wall anchors.

4. **Adjust Angle:** Loosen the adjustment screws on the camera bracket to set the desired viewing angle. Tighten the screws once the position is finalized.

3.3 Connecting to the NVR System

These cameras are designed to work exclusively with SANNCE 5MP PoE NVR systems, such as the N48PBE model. They are not standalone cameras and require an NVR for operation.

1. **Connect Ethernet Cable:** Plug one end of the Ethernet cable into the camera's PoE port.
2. **Connect to NVR:** Plug the other end of the Ethernet cable into an available PoE port on your SANNCE NVR.
3. **Power On NVR:** Ensure your NVR system is powered on. The camera will receive power and data through the single Ethernet cable.
4. **NVR Configuration:** Refer to your SANNCE NVR's instruction manual for specific steps on adding and configuring new cameras to the system. The NVR should automatically detect the connected cameras.

4. OPERATING INSTRUCTIONS

Operation of the cameras is primarily managed through your connected SANNCE NVR system and its associated mobile application or client software.

4.1 Live View and Playback

Access the live video feed and recorded footage through your NVR's monitor output or via the SANNCE mobile app/client software.

Image 4.1: A monitor displaying 5MP HD video feeds from multiple SANNCE cameras, demonstrating live viewing, recording, and playback capabilities.

4.2 Audio Monitoring

The camera features a built-in microphone to capture audio alongside video. This audio can be monitored live and recorded by your NVR system.

- To enable or disable audio recording, refer to your NVR's audio settings.
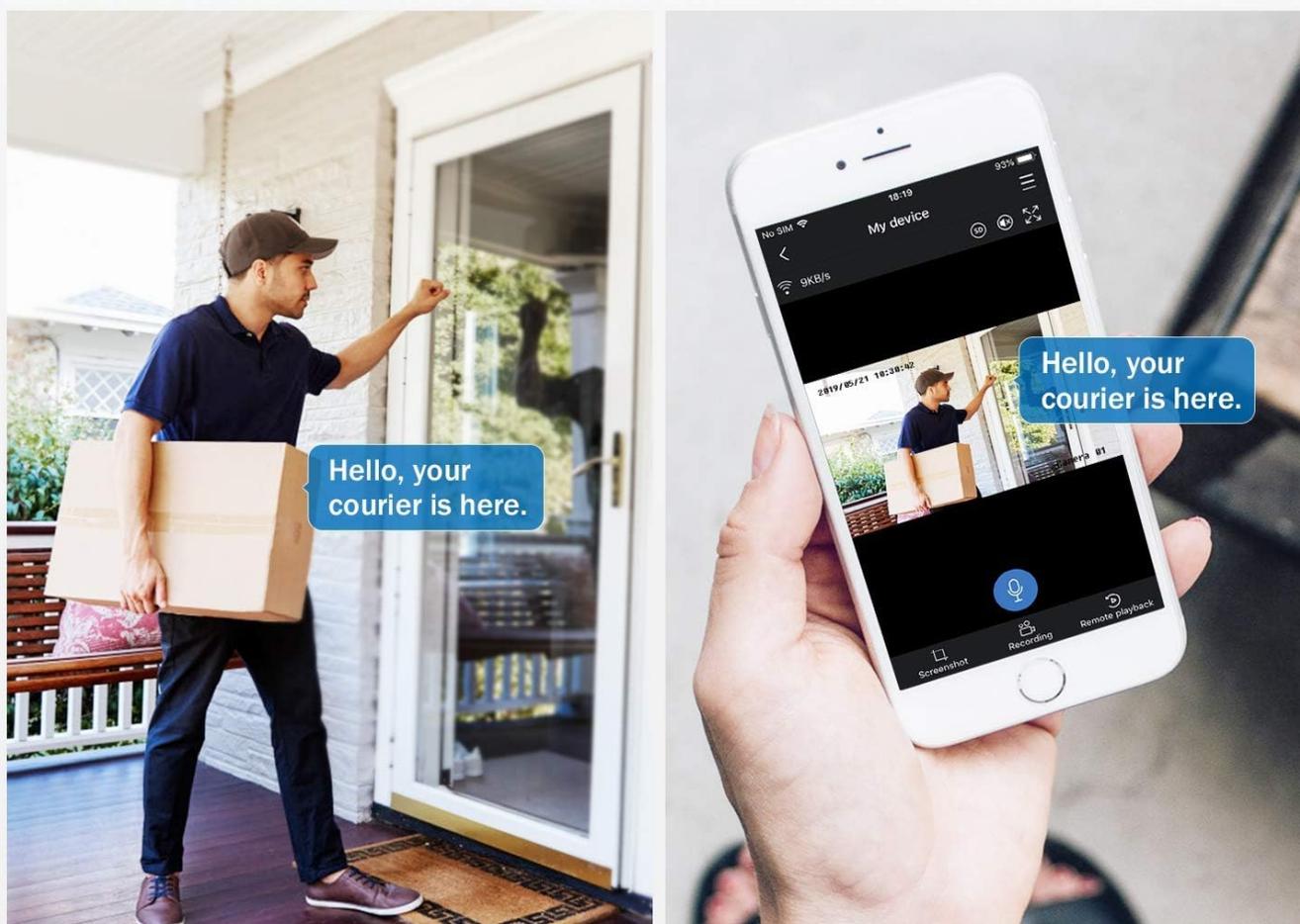- **Note:** This camera does not support two-way audio communication. It can only record sound.

Image 4.2: Illustration of the built-in microphone capturing a voice signal, with a corresponding view on a mobile application showing the live feed and audio notification.

4.3 Night Vision

The integrated 36 IR LEDs automatically activate in low-light conditions, providing clear black-and-white video surveillance in complete darkness.

4.4 Motion Detection and Alerts

Configure motion detection settings and alert notifications through your NVR system. This allows you to receive alerts on your mobile device or email when motion is detected in specified areas.

5. MAINTENANCE

5.1 Cleaning the Camera

- Regularly clean the camera lens and housing to ensure optimal image quality.
- Use a soft, damp cloth to wipe the lens. Avoid abrasive cleaners or solvents.
- For outdoor cameras, periodically check for dirt, dust, or spiderwebs that may obstruct the view or IR LEDs.

5.2 Firmware Updates

Periodically check the SANNCE official website for firmware updates for your NVR system and cameras. Firmware updates can improve performance, add new features, and enhance security.

5.3 Environmental Considerations

While the camera is IP66 weatherproof, extreme environmental conditions can still affect its lifespan. Ensure the camera is not exposed to direct, prolonged sunlight in extremely hot climates or positioned where water can pool around its base.

6. TROUBLESHOOTING

If you encounter issues with your SANNCE PoE 5MP cameras, refer to the following common troubleshooting steps:

- **No Video Feed:**
  - Ensure the Ethernet cable is securely connected at both the camera and NVR ends.
  - Verify that the NVR's PoE port is functioning correctly. Try connecting the camera to a different PoE port.
  - Restart the NVR system.
  - Check the NVR's camera management interface to ensure the camera is detected and enabled.

- **No Audio Recording:**
  - Check the audio settings within your NVR system to ensure audio recording is enabled for the specific camera.
  - Ensure there are no physical obstructions blocking the camera's microphone.

- **Poor Image Quality:**
  - Clean the camera lens as described in the Maintenance section.
  - Ensure the camera is properly focused (if adjustable) and that there are no obstructions in its field of view.
  - Verify that the NVR is set to record at 5MP resolution.

- **Network Connection Issues:**
  - Confirm that the NVR has a stable network connection.
  - Check the status indicator lights on the NVR's network ports.

For more detailed troubleshooting or persistent issues, please contact SANNCE customer support.

7. SPECIFICATIONS

Manufacturer	SANNCE
Model Number	SD-KI51BE0203
Product Dimensions (L x W x H)	15 x 15 x 10 cm (5.9 x 5.9 x 3.9 inches)
Weight	1.35 kg (2.98 lbs)

Material	Metal
Connectivity Technology	Wired (Ethernet, PoE)
Video Recording Resolution	5 Megapixels (2560x1920 pixels)
Power Source	Electric Cable (PoE)
Voltage	12 Volts (via PoE)
Bulb Type	LED (Infrared)
Weatherproof Rating	IP66
Audio	Built-in Microphone (one-way audio)

8. WARRANTY INFORMATION

SANNCE products are manufactured to high-quality standards and are covered by a limited warranty.

- **Warranty Period:** 1-year limited warranty from the date of purchase.
- **Money-Back Guarantee:** 90-day money-back guarantee.
- **Certifications:** CE, FCC, and HDMI certified.

This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or external causes.

9. CUSTOMER SUPPORT

For technical assistance, warranty claims, or any other inquiries, please contact SANNCE customer support:

- **Email Support:** support@mysannce.com (Lifetime email support available)
- **Website:** Refer to the official SANNCE website for FAQs, downloads, and additional support resources.

When contacting support, please have your product model number (SD-KI51BE0203) and purchase information ready.