SECULINK C17-4MP

SECULINK C17-4MP Dual-Band WiFi Dome Security Camera User Manual

Model: C17-4MP

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SECULINK C17-4MP Dual-Band WiFi Dome Security Camera. This camera is designed for outdoor surveillance, featuring 4MP resolution, pan/tilt/zoom capabilities, automatic tracking, human detection, and color night vision. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- SECULINK C17-4MP Dome Security Camera
- Power Adapter (Charger)
- Mounting Screws and Wall Plugs
- Waterproof Kit for Network Cable (if applicable)
- Quick Start Guide

3. PRODUCT OVERVIEW

The SECULINK C17-4MP camera features a robust dome design suitable for outdoor environments. Key components include:

- **Camera Lens:** Captures video footage.
- **Infrared LEDs:** Provide illumination for night vision.
- **White Light LEDs (Floodlight):** Enhance color night vision and act as a deterrent.
- **Microphone:** For audio input and two-way communication.
- **Speaker:** For audio output and two-way communication.
- **Antennas:** For dual-band 2.4GHz/5GHz Wi-Fi connectivity.

- **Micro SD Card Slot:** Supports local storage up to 256GB.
- **Reset Button:** For factory reset.
- **Power Port:** DC 12V power input.

Image 3.1: Overview of the SECULINK C17-4MP camera and its mobile application interface.

4. SETUP

4.1 App Download and Account Registration

1. Download the **SECUEYE** mobile application from the App Store (iOS) or Google Play Store (Android).
2. Open the app and follow the on-screen instructions to register a new account or log in if you already have one.

4.2 Powering On the Camera

Connect the provided power adapter to the camera's power port and plug it into an electrical outlet. The camera will initiate its self-test sequence, indicated by a rotating motion and status light changes.

4.3 Connecting to Wi-Fi

The SECULINK C17-4MP supports dual-band Wi-Fi (2.4GHz and 5GHz) for flexible network connectivity.

1. Ensure your mobile device is connected to the same Wi-Fi network you intend to connect the camera to.
2. In the SECUEYE app, tap the "Add Device" or "+" icon.
3. Select your camera model or scan the QR code on the camera (if available).
4. Follow the app's instructions to enter your Wi-Fi network name (SSID) and password.
5. The app will guide you through the pairing process, which may involve scanning a QR code displayed on your phone with the camera lens or listening for an audio prompt.
6. Once connected, the camera's status light will indicate a successful connection (refer to the app or quick start guide for specific light indicators).

4.4 Mounting the Camera

The camera is designed for wall mounting and is IP65/IP66 weatherproof, making it suitable for outdoor installation.

1. Choose a suitable mounting location that provides the desired viewing angle and is within Wi-Fi range.
2. Use the mounting template (if provided) or the camera base to mark the drill holes on the wall.
3. Drill holes and insert the wall plugs.
4. Secure the camera base to the wall using the provided screws.
5. Attach the camera body to the base.
6. Ensure all cable connections are secure and protected from weather using the waterproof kit if necessary.
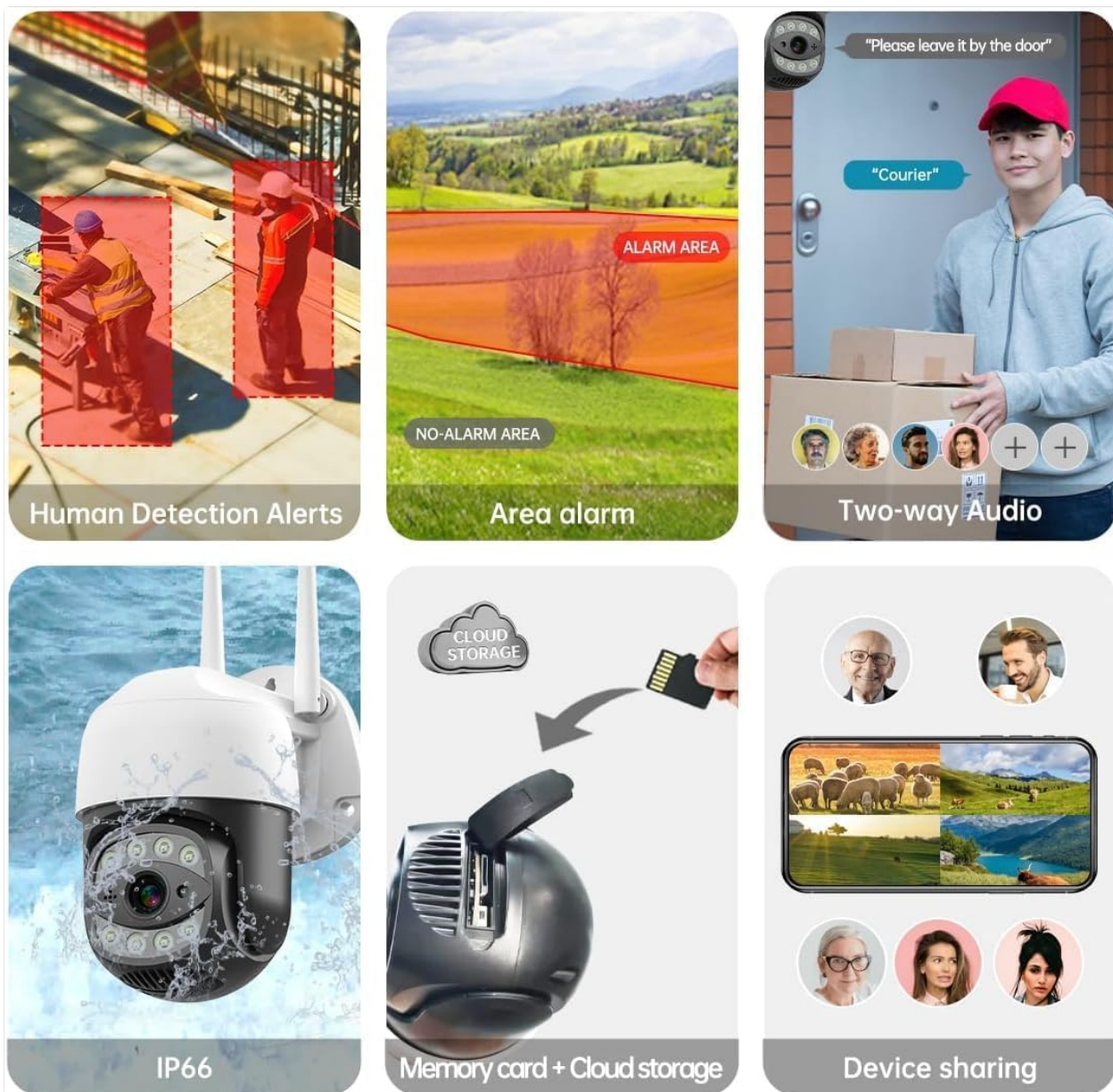
Image 4.1: The SECULINK C17-4MP camera is rated IP66 for dust and water resistance, suitable for various weather conditions.

5. OPERATING INSTRUCTIONS

5.1 Live View and Playback

Access the live video feed and review recorded footage through the SECUEYE app. The camera provides 4MP (2560x1440p) resolution for clear images.
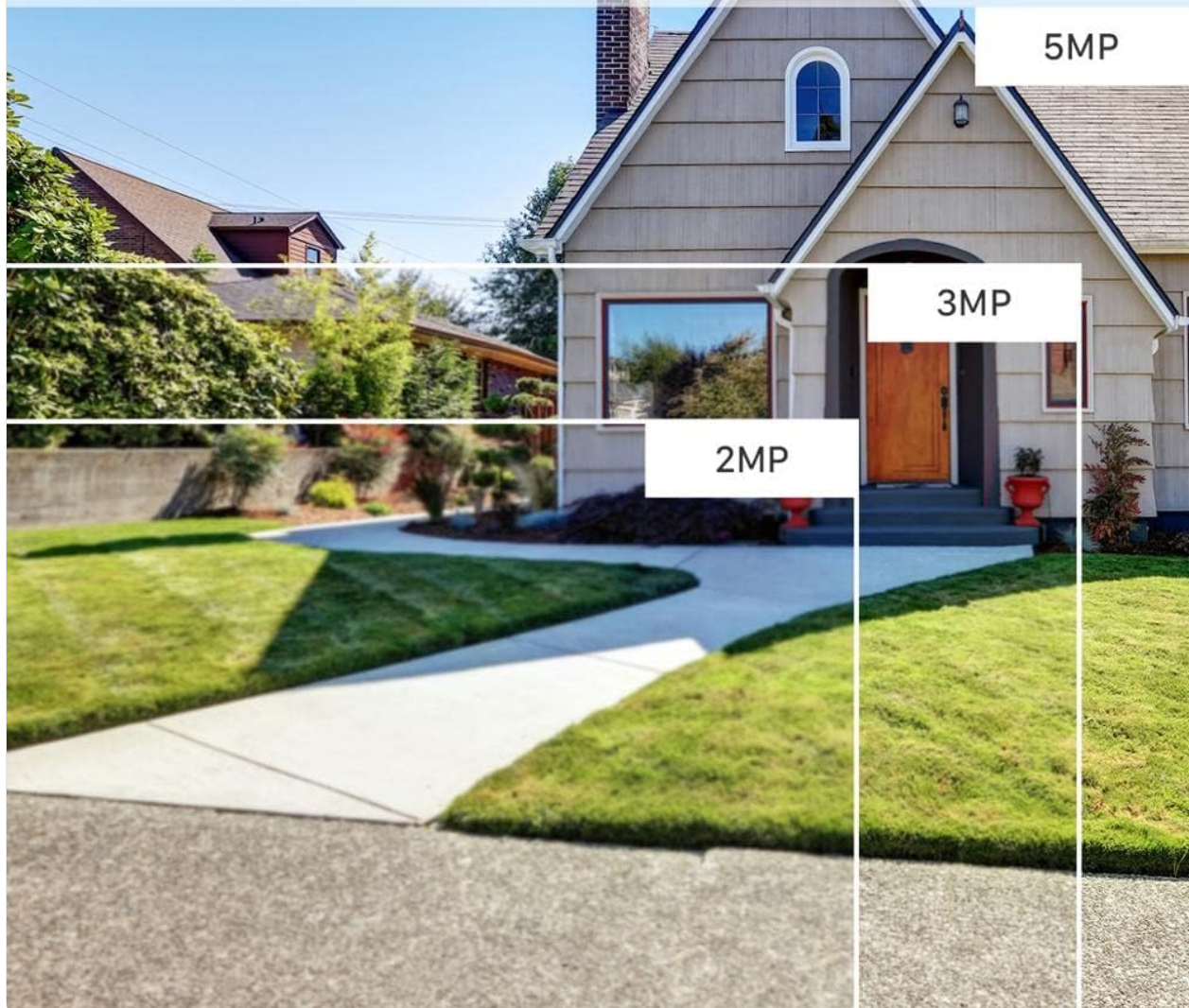
Image 5.1: Visual comparison demonstrating the enhanced clarity of 5MP resolution over lower resolutions.

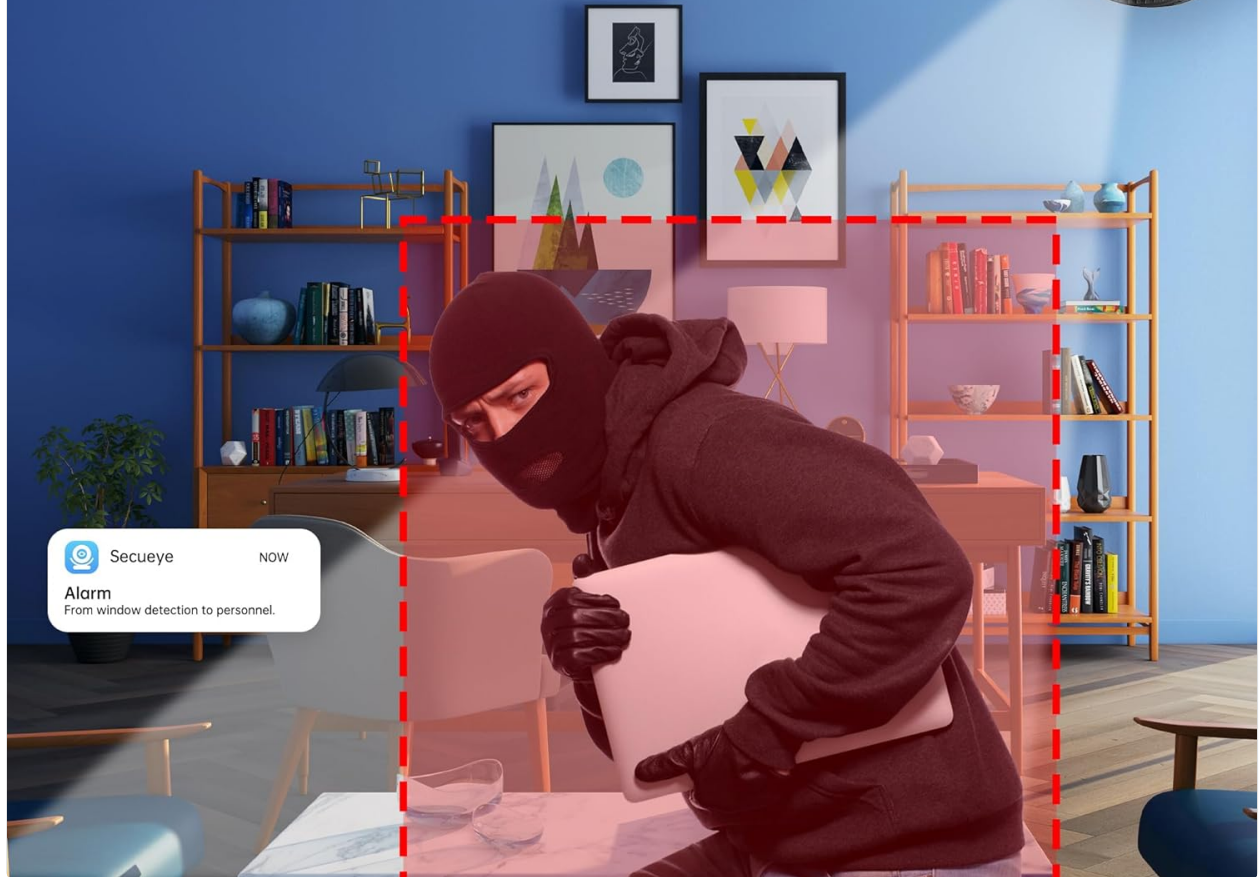## 5.2 Pan, Tilt, and Digital Zoom (PTZ)

Control the camera's viewing angle remotely using the SECUEYE app. The camera offers:

- **Horizontal Rotation:** 335 degrees
- **Vertical Tilt:** 90 degrees
- **Digital Zoom:** 10x magnification

Use pinch-to-zoom gestures on your mobile device to digitally zoom in on specific areas of interest.

AI Humanoid Detection

The cam supports humanoid detection and pushalerts to APP

Secueye NOW
Alarm
From window detection to personnel.

Image 5.2: Demonstrates controlling the camera's pan and tilt functions via the mobile app.

Person Activity

Pet Activity

Shadow

5.3 Automatic Tracking and Human Motion Detection

The camera features intelligent detection capabilities to enhance security monitoring.

- **Automatic Tracking:** When enabled, the camera will automatically detect and follow moving human figures within its field of view, recording their path.
- **Human Motion Detection:** Advanced algorithms distinguish human activity from other movements (e.g., pets, swaying branches), reducing false alarms.
- **Alerts:** Upon detection, the camera can send real-time alerts to your mobile phone.
- **Floodlight and Sound Alarm:** Built-in spotlights activate upon motion detection at night, and a security siren can be triggered as an additional deterrent.
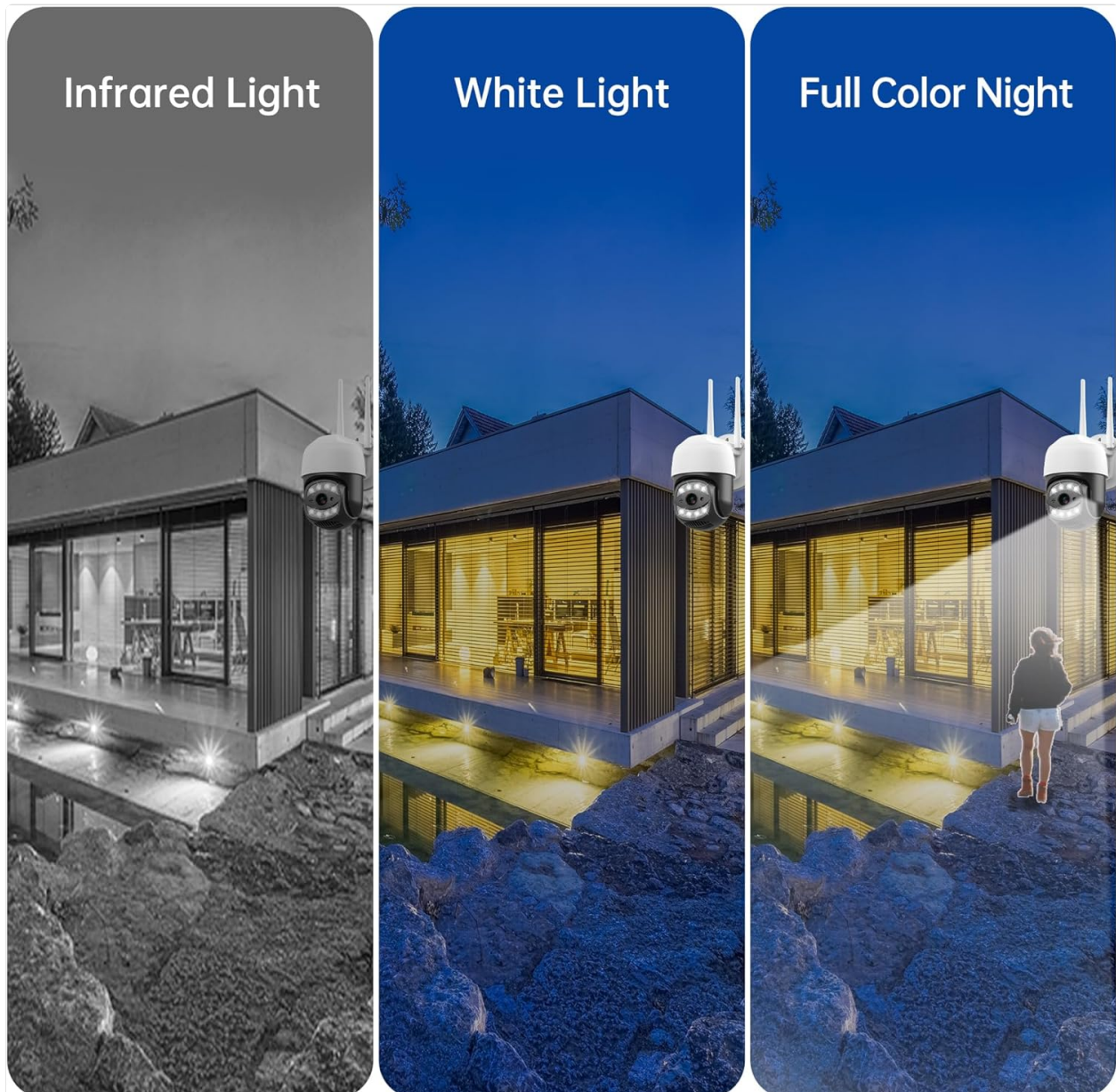

Image 5.4: The camera's AI Humanoid Detection identifies human presence and sends alerts.

Image 5.5: The camera's automatic tracking capability follows detected human movement.

Image 5.6: Illustrates the camera's ability to differentiate human activity from other movements, reducing false alarms.

5.4 Night Vision Modes

The camera offers multiple night vision options for clear surveillance in low-light conditions:

- **Infrared (IR) Night Vision:** Uses IR LEDs to provide black and white video in complete darkness, with a range of up to 100ft (30m).
- **Color Night Vision:** Utilizes white light LEDs (floodlight) to capture full-color video at night when motion is detected or manually activated.
- **Starlight Sensor:** Enhances low-light performance to produce clearer images even without additional illumination.

IP66 Waterproof

IP66 dust- proof and waterproof design, Not afraid of wind and sun use scenes can easily deal with.

Waterproof **Cold-proof** **Sunscreen**

Image 5.7: Demonstrates the different night vision modes: infrared (black and white), white light (color), and full-color night vision.
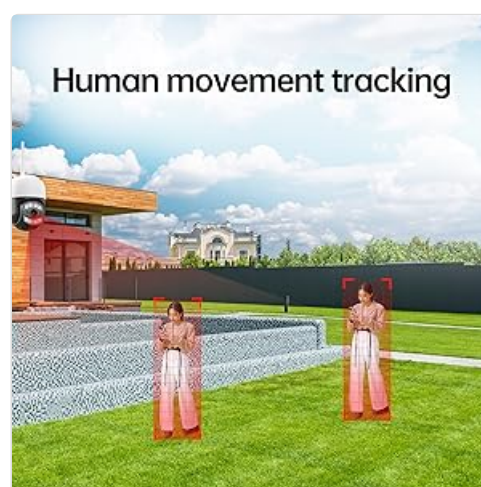

Human movement tracking

Image 5.8: The camera's infrared night vision provides visibility up to 20 meters in darkness.

5.5 Two-Way Audio

The built-in microphone and speaker allow for real-time two-way communication through the SECUEYE app.

You can listen to audio from the camera's location and speak through the camera's speaker.

5.6 Storage Options

The camera supports two primary storage methods for recorded footage:

- **Micro SD Card:** Insert a Micro SD card (up to 256GB, sold separately) into the designated slot for local storage. The camera can record 24/7 or motion-triggered videos.
- **Cloud Storage:** Optional cloud storage services are available through the SECUEYE app for secure, remote backup of your recordings.

5.7 Device Sharing

You can share access to your camera's live feed and recordings with family members or trusted individuals through the SECUEYE app, allowing multiple users to monitor the property simultaneously.

6. MAINTENANCE

To ensure optimal performance and longevity of your SECULINK C17-4MP camera, consider the following maintenance tips:

- **Clean the Lens:** Periodically wipe the camera lens with a soft, clean, lint-free cloth to remove dust, dirt, or water spots that may affect image clarity. Avoid abrasive cleaners.
- **Check Power Connection:** Ensure the power adapter and cable remain securely connected and free from damage, especially in outdoor environments.
- **Firmware Updates:** Regularly check the SECUEYE app for available firmware updates. Updates often include performance improvements, new features, and security enhancements.
- **Inspect Mounting:** Periodically check the camera's mounting for stability, especially after severe weather conditions.

7. TROUBLESHOOTING

If you encounter issues with your SECULINK C17-4MP camera, refer to the following common troubleshooting steps:

7.1 Camera Not Connecting to Wi-Fi

- **Check Wi-Fi Signal:** Ensure the camera is within range of your Wi-Fi router. Weak signals can cause connection issues.
- **Verify Network Credentials:** Double-check that the Wi-Fi network name (SSID) and password entered in the app are correct.
- **Router Compatibility:** Confirm your router supports 2.4GHz or 5GHz bands, and that the camera is attempting to connect to a compatible band.
- **Restart Devices:** Power cycle both your Wi-Fi router and the camera.
- **Reset Camera:** If issues persist, perform a factory reset on the camera (refer to the quick start guide for reset button location and procedure) and attempt the setup process again.

7.2 Poor Image Quality

- **Clean Lens:** Ensure the camera lens is clean and free from smudges or dirt.
- **Network Bandwidth:** A slow internet connection can affect live stream quality. Check your network speed.

- **Lighting Conditions:** Ensure adequate lighting for optimal image quality, especially for color night vision.

7.3 Motion Detection Not Working or Too Sensitive

- **Adjust Sensitivity:** In the SECUEYE app settings, adjust the motion detection sensitivity level.
- **Detection Zones:** Configure specific detection zones to monitor only relevant areas and exclude areas with frequent irrelevant motion (e.g., public roads, swaying trees).
- **Check Schedule:** Ensure motion detection is enabled for the desired time periods in the app.

7.4 No Recording to SD Card

- **Insert SD Card Correctly:** Ensure the Micro SD card is inserted properly into the slot.
- **Format SD Card:** Format the SD card through the camera settings in the SECUEYE app.
- **Card Capacity/Health:** Ensure the SD card is not full or corrupted. Try a different, known-good SD card if necessary.
- **Recording Settings:** Verify that continuous recording or motion-triggered recording is enabled in the app settings.

8. SPECIFICATIONS

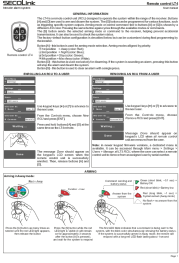| Feature	Specification
Model	C17-4MP
Resolution	4MP (2560x1440p Max)
Image Sensor	CMOS
Focal Length	3.6mm
Pan Rotation Angle	335° Horizontal
Tilt Rotation Angle	90° Vertical
Digital Zoom	10x
Night Vision	IR-Cut, Starlight, LED (Color Night Vision)
Infrared Distance	Up to 100 feet (30 meters)
Audio	Built-in Microphone and Speaker (Two-Way Audio)
Water Resistance	IP65, IP66 (Waterproof)
Connectivity	Dual-Band Wi-Fi (2.4GHz/5GHz), Wired Ethernet
Storage	Micro SD Card (up to 256GB), Cloud Storage
Power	DC 12V, 9 Watts
Operating Temperature	-10°C to +50°C (14°F to 122°F)
App Compatibility	SECUEYE (iOS, Android)
Dimensions	7 x 7 x 5 inches (Package)

Feature	Specification
Item Weight	1.2 pounds

9. WARRANTY AND SUPPORT

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

Related Documents - C17-4MP

[SecuLink LT4 Remote Control User Manual](#)
User manual for the SecuLink LT4 intruder alarm system remote control unit (RCU). Provides instructions on arming, disarming, enrolling, removing, status inquiry, and battery replacement for the LT4 remote.

[SECULINK POE Camera Operation Instruction and Setup Guide](#)
Comprehensive guide for setting up and operating SECULINK POE cameras with an ONVIF POE NVR, covering connection, configuration, and specifications.

[Imou Cell 2 Quick Start Guide](#)
A concise guide to setting up and using the Imou Cell 2 security camera, covering app download, account creation, device connection, and power-on procedures.

[Ctronics CTIPC-285C Indoor Wi-Fi Camera User Manual](#)
User manual for the Ctronics CTIPC-285C indoor Wi-Fi camera, detailing its features, installation, and operation. This 4MP camera supports dual-band Wi-Fi, color night vision, 360° coverage, and human motion detection with tracking.

[TP-Link Tapo C425 Battery-Powered Outdoor Security Camera - 2K QHD](#)
Explore the TP-Link Tapo C425 outdoor security camera, featuring 2K QHD resolution, up to 300-day battery life, AI detection for people, pets, and vehicles, and color night vision. Learn about its smart features, flexible installation, and integration with Google Assistant and Amazon Alexa.

[Reolink Argus 3-4MP & Argus 3 Pro: Operational Instructions and Setup Guide](#)
Detailed operational instructions and setup guide for the Reolink Argus 3-4MP and Argus 3 Pro wireless security cameras. Covers installation, charging, troubleshooting, specifications, and compliance information for this battery-operated, 2K color night vision camera.