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> NUFEBBS Security Camera System, 4PCS 3MP Outdoor Camera with 10in LCD Monitor, 2-Way Audio, 355°PTZ, Color Night Vision, Motion Alert User Manual

## NUFEBS B0C4FH9QSS

# NUFEBS Security Camera System User Manual

Model: B0C4FH9QSS

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your NUFEBBS Security Camera System. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

## 2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x 10-inch LCD Monitor/NVR
- 4 x 3MP Outdoor PTZ Cameras
- 1 x Power Adapter for NVR
- 4 x Power Adapters for Cameras
- 1 x USB Mouse
- 1 x Ethernet Cable
- Mounting Screws and Plugs
- User Manual (this document)

## 3. PRODUCT OVERVIEW

### 3.1 System Components



Figure 3.1: Overview of the NUFEBs Security Camera System, showing the 10-inch LCD monitor and four outdoor PTZ cameras.

The NUFEBs Security Camera System includes a central 10-inch LCD monitor which acts as the Network Video Recorder (NVR), and four wireless 3MP outdoor cameras. The system is designed for easy setup and remote access.

# Smart Home Security Camera System



Figure 3.2: The smart home security camera system provides wireless coverage around your property.

## 3.3 Key Features

- **3MP High Definition:** Provides clear 2K resolution video for detailed monitoring.
- **10-inch LCD Monitor:** Integrated display for live viewing and playback without an external monitor.
- **Wireless Connectivity:** Cameras connect wirelessly to the NVR for flexible placement.
- **355° PTZ Control:** Pan, Tilt, and Zoom functionality allows for wide area coverage and remote adjustment.
- **Two-Way Audio:** Built-in microphone and speaker for communication through the cameras.
- **Color Night Vision:** Enhanced night vision capabilities to capture full-color images in low-light conditions.
- **Motion Detection & Alerts:** Receive instant notifications upon detecting motion.
- **24/7 Loop Recording:** Continuous recording with automatic overwriting of old footage.
- **IP65 Waterproof:** Cameras are designed to withstand various outdoor weather conditions.
- **Remote Access:** View live and recorded footage from smartphones or tablets via the dedicated app.

## 4. SETUP GUIDE

### 4.1 Initial Setup

1. **Power On the NVR:** Connect the NVR (10-inch LCD monitor) to a power outlet using its dedicated power adapter. The system will boot up automatically.
2. **Power On the Cameras:** Connect each camera to a power outlet using its respective power adapter. Ensure the cameras are within range of the NVR's wireless signal.
3. **Automatic Pairing:** The cameras are pre-paired with the NVR from the factory. Once powered on, they should automatically connect and display video on the NVR screen. If a camera does not connect, refer to the "Troubleshooting" section for manual pairing instructions.
4. **Connect Mouse:** Plug the included USB mouse into one of the USB ports on the NVR for easier navigation of the system interface.



Figure 4.1: Illustration of the plug-and-play setup, showing cameras connected to power outlets and automatically pairing with the NVR.

## 4.2 Camera Installation

Choose suitable locations for your cameras, ensuring they have a clear line of sight to the area you wish to monitor and are within wireless range of the NVR. Avoid placing cameras where direct sunlight or strong light sources will shine into the lens.

1. **Mark Drilling Points:** Use the camera's mounting base as a template to mark the drilling points on the wall or ceiling.
2. **Drill Holes:** Drill holes at the marked points and insert the provided wall plugs if mounting on masonry.
3. **Secure Camera:** Align the camera base with the drilled holes and secure it using the provided screws.
4. **Adjust Angle:** Loosen the adjustment screws on the camera body to set the desired viewing angle, then tighten them to secure the camera in position.



Figure 4.2: An outdoor camera demonstrating its IP65 waterproof design, suitable for various weather conditions.

### 4.3 Network Connection for Remote Access

To enable remote viewing via the mobile app, the NVR needs to be connected to your home network.

1. **Wired Connection (Recommended):** Connect one end of the Ethernet cable to the LAN port on the NVR and the other end to an available LAN port on your router.
2. **Wireless Connection (NVR):** On the NVR interface, navigate to Network Settings. Select your Wi-Fi network and enter the password.

### 4.4 Mobile App Setup (Tris Home)

1. **Download App:** Search for "Tris Home" in the App Store (iOS) or Google Play Store (Android) and download the application.
2. **Register Account:** Open the app and follow the prompts to register a new account.
3. **Add Device:** Tap the "+" icon or "Add Device" option in the app. Scan the QR code displayed on the NVR's screen (usually found in System Information or Network Settings) or manually enter the device ID.

4. **View Live Feed:** Once added, you can view the live feed from your cameras and access various settings remotely.



Figure 4.3: The Tris Home app enables remote access to your security system from various devices, including smartphones, tablets, and computers.

## 5. OPERATING INSTRUCTIONS

### 5.1 Live View and Playback

- **Live View:** The NVR's 10-inch screen automatically displays the live feed from all connected cameras. You can switch between single-camera view and multi-camera view using the on-screen controls or mouse.
- **Playback:** Right-click on the NVR screen to access the main menu. Select "Playback" to review recorded footage. You can filter by date, time, and camera.



Figure 5.1: The 24/7 loop recording feature allows continuous monitoring and easy review of past events through a timeline interface.

## 5.2 PTZ Control

The 355° PTZ (Pan-Tilt-Zoom) functionality allows you to adjust the camera's viewing angle remotely.

- **On NVR:** In live view, click on a camera channel to select it. Use the PTZ controls (arrows, zoom in/out) displayed on the screen or accessible via the right-click menu.
- **Via Mobile App:** In the live view of a specific camera, swipe on the screen or use the dedicated PTZ controls to pan, tilt, or zoom.



Figure 5.2: The 355° pan and 90° tilt capabilities of the camera, controllable via the mobile application for comprehensive area coverage.

### 5.3 Two-Way Audio

The built-in microphone and speaker allow for real-time communication.

- **Activate:** In the mobile app's live view, tap the microphone icon to speak. Tap again to end.
- **Listen:** Ensure the speaker icon is enabled in the app to hear audio from the camera's location.



Figure 5.3: The clear two-way audio feature allows for direct communication through the camera, useful for interacting with visitors or delivery personnel.

## 5.4 Night Vision Modes

The camera supports multiple night vision modes for optimal visibility in low light.

- **Infrared Mode:** Standard black and white night vision using IR LEDs.
- **Full Color Mode:** Utilizes built-in spotlights to provide full-color video even in complete darkness.
- **Intelligent Mode:** Stays in infrared mode and switches to full color only when motion is detected, illuminating the area.

## 3 Night Vision Modes

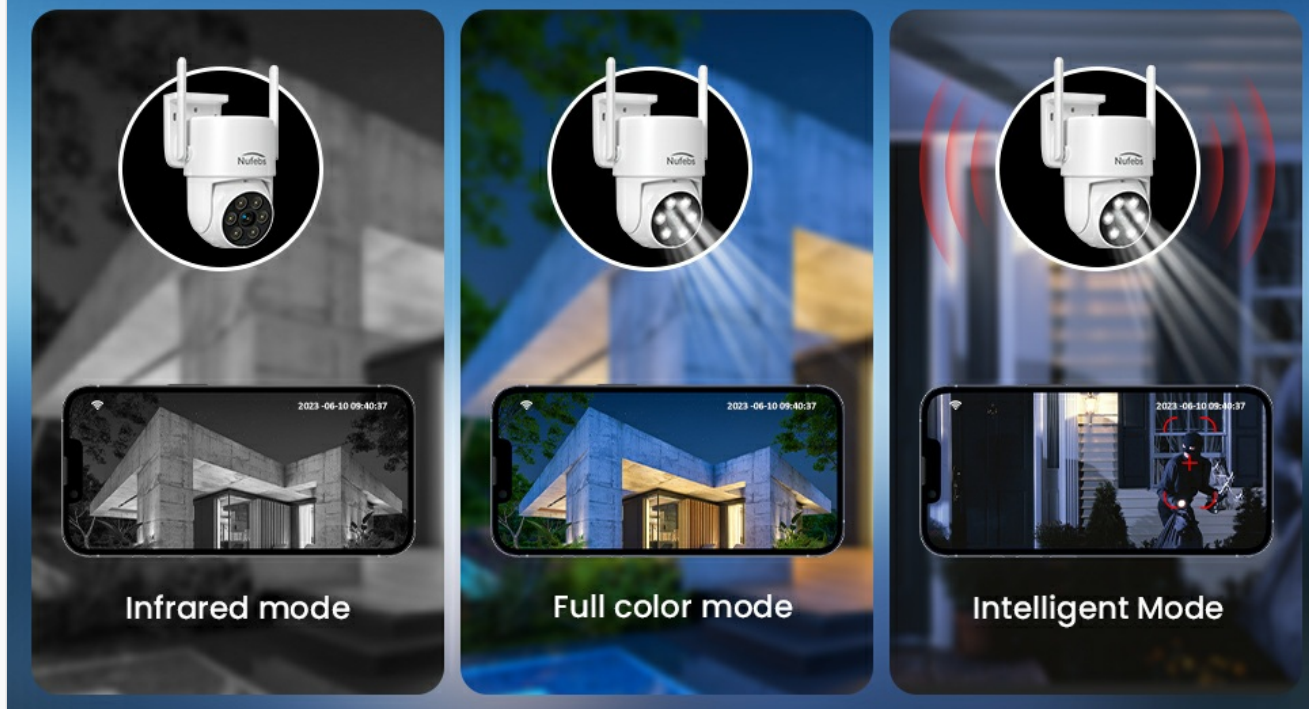


Figure 5.4: Comparison of the three night vision modes: Infrared for discreet monitoring, Full Color for detailed visibility, and Intelligent Mode for motion-activated color illumination.

### 5.5 Motion Detection and Alerts

Configure motion detection settings to receive alerts and trigger recording.

1. **Access Settings:** On the NVR, right-click and navigate to "System Setup" > "Alarm" or "Motion Detection".
2. **Enable Motion Detection:** Select the desired camera channel and enable motion detection.
3. **Adjust Sensitivity:** Set the sensitivity level to minimize false alarms.
4. **Set Recording Schedule:** Configure the NVR to record when motion is detected.
5. **App Notifications:** Ensure push notifications are enabled in the Tris Home app settings to receive alerts on your mobile device.

## Auto Tracking Color Night Vision



Figure 5.5: The camera's auto-tracking and color night vision features work together to illuminate and follow detected motion in low-light conditions.

## 6. MAINTENANCE

- **Clean Lenses:** Periodically clean camera lenses with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Check Connections:** Ensure all power adapters and cables are securely connected and free from damage.
- **Firmware Updates:** Check the manufacturer's website or the Tris Home app for available firmware updates to ensure optimal performance and security.
- **Storage Management:** The NVR supports 24/7 loop recording. If you wish to save specific footage, back it up to an external USB drive.
- **Environmental Considerations:** While cameras are IP65 waterproof, avoid direct high-pressure water jets. Ensure proper ventilation for the NVR.

## 7. TROUBLESHOOTING

## 7.1 No Image from Camera

- **Check Power:** Ensure the camera is properly powered on and its power adapter is connected to a working outlet.
- **Check Wireless Signal:** Verify the camera is within the NVR's wireless range. Obstacles like thick walls can weaken the signal.
- **Re-pair Camera:** If the camera was previously working, try manually re-pairing it with the NVR. On the NVR, go to "Video Manage" or "IPC Channel Config", select an empty channel or the problematic camera, and initiate pairing. Press the reset/pair button on the camera (refer to camera diagram for location).
- **Restart Devices:** Power cycle both the camera and the NVR.

## 7.2 Remote Access Issues

- **NVR Network Connection:** Ensure the NVR is connected to your router via Ethernet or Wi-Fi and has internet access. Check the network status on the NVR.
- **Router Settings:** Verify that your router's firewall is not blocking the NVR's connection.
- **App Connection:** Ensure your mobile device has a stable internet connection (Wi-Fi or cellular data).
- **App Version:** Update the Tris Home app to the latest version.
- **Device ID/QR Code:** Double-check that you have entered the correct device ID or scanned the correct QR code when adding the NVR to the app.

## 7.3 Poor Image Quality

- **Clean Lens:** Dust or smudges on the camera lens can degrade image quality. Clean it gently.
- **Lighting Conditions:** Ensure there are no strong light sources directly facing the camera, which can cause glare or overexposure.
- **Resolution Settings:** Check the camera's resolution settings on the NVR or app to ensure it's set to 3MP (2K).
- **Network Bandwidth:** Insufficient network bandwidth can cause choppy or low-quality video streams, especially for remote viewing.

## 7.4 Motion Detection False Alarms

- **Adjust Sensitivity:** Lower the motion detection sensitivity in the NVR settings or app.
- **Set Detection Zones:** Configure specific detection zones to exclude areas with frequent irrelevant motion (e.g., trees swaying, busy roads).
- **Environmental Factors:** Consider if strong winds, rain, or insects are triggering false alarms.

## 8. SPECIFICATIONS

Feature	Description
Brand	NUFEBS
Model	B0C4FH9QSS
Connectivity Technology	Wireless
Video Capture Resolution	3MP (2K), 1080p, 720p
Special Features	Motion Sensor, Night Vision (Color, Infrared, Intelligent), PTZ, Two-Way Audio

Number of Channels	4
Memory Storage Capacity	128 GB
Operating System (App)	Android (Compatible with iOS via Tris Home app)
Recommended Use	Outdoor
Compatible Devices	Smartphones, Tablets
Waterproof Rating	IP65
Package Dimensions	13.19 x 12.64 x 7.4 inches
Item Weight	6.91 pounds

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## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided on the product packaging or the official NUFEBs website. Please have your model number (B0C4FH9QSS) ready when contacting support.

For further assistance, you may also refer to the [product page on Amazon](#) for updated information or frequently asked questions.