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› Tonton 2K 3MP Portable LCD Security Camera System M0719HN4 User Manual

Tonton M0719HN4

Tonton 2K 3MP Portable LCD Security Camera System M0719HN4 User Manual

Model: M0719HN4

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Tonton 2K 3MP Portable LCD Security Camera System M0719HN4. 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.

- 1x Wireless 7-inch LCD NVR (Network Video Recorder)
- 2x Batteries for 7-inch Touchscreen
- 2x 3MP Wireless Cameras
- 1x Power Supply for NVR
- 2x Power Supplies for Cameras
- 1x Pack of Screws for camera mounting
- 1x Wall Sticker
- 1x User Manual (Quick Guide)

What's in the Box



Wireless 7inch LCD/NVR



Battery



Power Supply



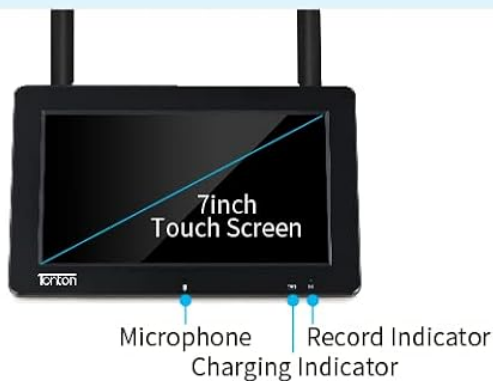
Pack of Screws



Wall Sticker



User Manual



Microphone
Record Indicator
Charging Indicator



Built-in Battery
Speaker



Antenna
USB Interface
Micro SD Card Slot
Battery Switch
Power Supply

Figure 2.1: Package Contents. The image displays the 7-inch LCD NVR, two wireless cameras, two rechargeable batteries, power adapters, mounting screws, a wall sticker, and a quick guide.

3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your Tonton Security Camera System.

Easy Plug & Play NVR System

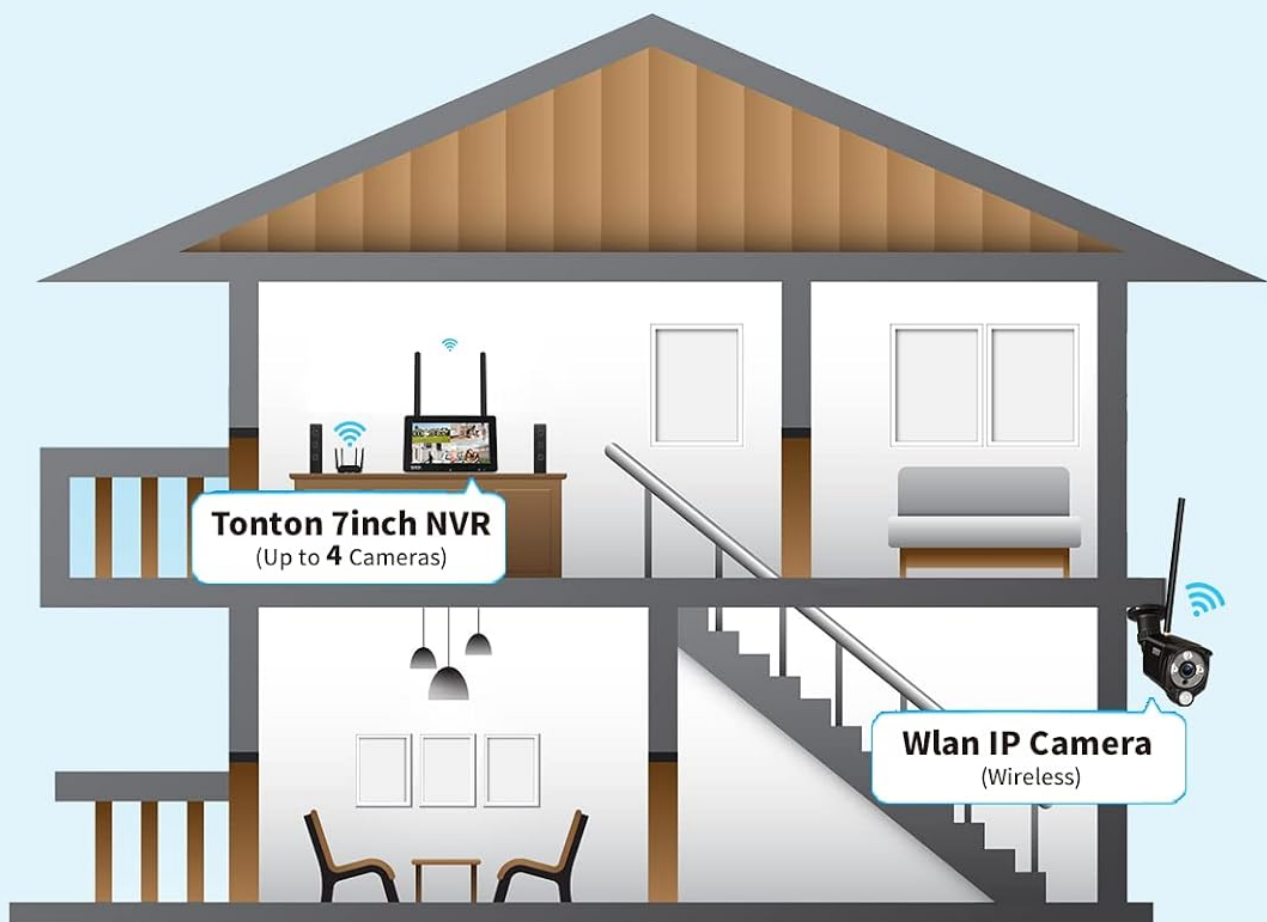


Figure 3.1: NVR Components. The image shows the front of the NVR with the 7-inch touchscreen, microphone, record indicator, and charging indicator. A side view illustrates the antenna, USB interface, Micro SD card slot, battery switch, and power supply port. The rear view indicates the built-in battery and speaker.

- **7-inch IPS Touchscreen:** For live viewing, playback, and system configuration.

- **Microphone:** For two-way audio communication.
- **Record Indicator:** Shows recording status.
- **Charging Indicator:** Displays battery charging status.
- **Antenna:** For wireless communication with cameras and network.
- **USB Interface:** For data transfer or external storage.
- **Micro SD Card Slot:** Supports up to 128GB for local storage.
- **Battery Switch:** To power on/off the internal battery.
- **Power Supply Port:** For connecting the NVR power adapter.
- **Built-in Battery:** Provides portable power for the NVR.
- **Speaker:** For audio output during two-way communication or alerts.

3.2. 3MP Wireless Cameras

- **3MP Resolution:** Captures clear 2K (2048x1536) video.
- **Dual Light Source:** Features spotlights and IR LEDs for enhanced color night vision up to 100ft.
- **PIR Sensor:** Passive Infrared sensor for accurate human motion detection, reducing false alarms.
- **Two-Way Audio:** Built-in microphone and speaker for real-time communication.
- **Weatherproof (IP66):** Designed for outdoor use in various weather conditions.
- **Metal Shell:** Durable construction for outdoor environments.

4. SETUP INSTRUCTIONS

Follow these steps to set up your Tonton Security Camera System.

4.1. Initial Power-up and NVR Network Connection

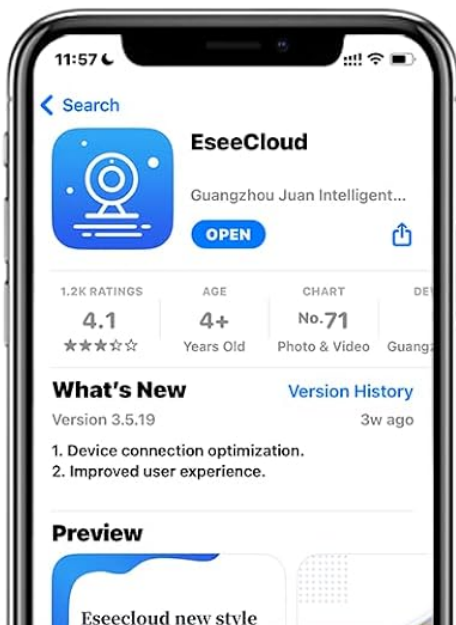
1. Connect the NVR to its power adapter and plug it into an electrical outlet.
2. Power on the NVR using the battery switch if operating on battery, or ensure it's plugged in.
3. On the NVR touchscreen, navigate to **System Setup > Network Setup > WLAN**.
4. Enable WLAN and select your Wi-Fi network from the list. Enter the password and tap 'Connect'.

Easy Setup Guide

- 1 Powered & wireless-connected to router



- 2 Download Free EseeCloud App



- 3 Enjoy Live View

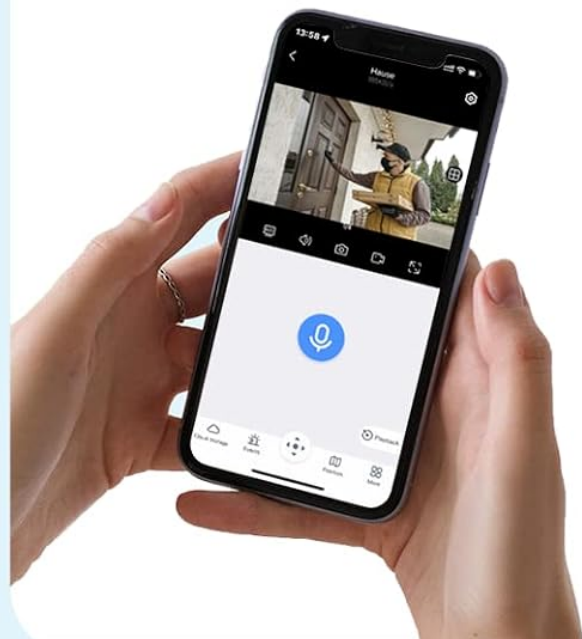


Figure 4.1: Easy Setup Guide. This image illustrates the initial setup process, including NVR power-up, Wi-Fi connection, and mobile app integration for live viewing.

4.2. Camera Power-up and Pairing

1. Connect each camera to its respective power adapter and plug them into electrical outlets.
2. The cameras will automatically attempt to connect to the NVR.

3. If a camera does not appear on the NVR screen, you may need to manually pair it.
4. To manually pair, hold the reset button on the camera for approximately 10 seconds until you hear a prompt or see an indicator light change.
5. On the NVR, go to **Match Code**. The system will search for available cameras.
6. Once the camera is detected, confirm the matching process.

Video 4.1: How to add additional camera to the 7 inch monitor. This video demonstrates the process of pairing an additional camera to the Tonton 7-inch NVR, including using the reset button and the 'Match Code' function on the monitor.

4.3. Mobile App Setup (EseeCloud)

1. Download the 'EseeCloud' app from your smartphone's app store (available on iOS and Android).
2. Register an account and log in.
3. Tap the '+' icon to add a device. Scan the QR code displayed on your NVR screen (usually found in System Setup > Device Info).
4. Follow the on-screen prompts in the app to complete the device addition.



Figure 4.2: Remote Access via EseeCloud App. This image demonstrates how to access your camera system remotely using the EseeCloud app on various devices.

5. OPERATING INSTRUCTIONS

5.1. Live View and Playback

- On the NVR touchscreen, tap on any camera view to switch to full-screen mode. Tap again to return to multi-view.
- To access recorded footage, tap **Video Playback** from the main menu. Select the date and camera to review recordings.

5.2. Recording Modes

The system supports continuous 24/7 recording and motion-triggered recording.

- **24/7 Recording:** Continuously records footage to the Micro SD card. The NVR supports up to 128GB Micro SD card.
- **Motion Detection Recording:** Records only when motion is detected by the PIR sensor. This conserves storage space.

Support 24/7 Recording

Wi-Fi Connection, No Cables Needed

Note: Camera not Battery



Built in Micro SD
32GB



Up to Micro SD
128GB

Figure 5.1: 24/7 Recording and Storage. The image highlights the NVR's continuous recording capability and its Micro SD card storage options.

5.3. Two-Way Audio

Engage in real-time conversations with individuals near your cameras.

- From the NVR live view or the EseeCloud app, activate the microphone icon to speak through the camera's

speaker.

- Audio from the camera's microphone will be heard through the NVR's speaker or your smartphone.

Real-Time Two-way Audio

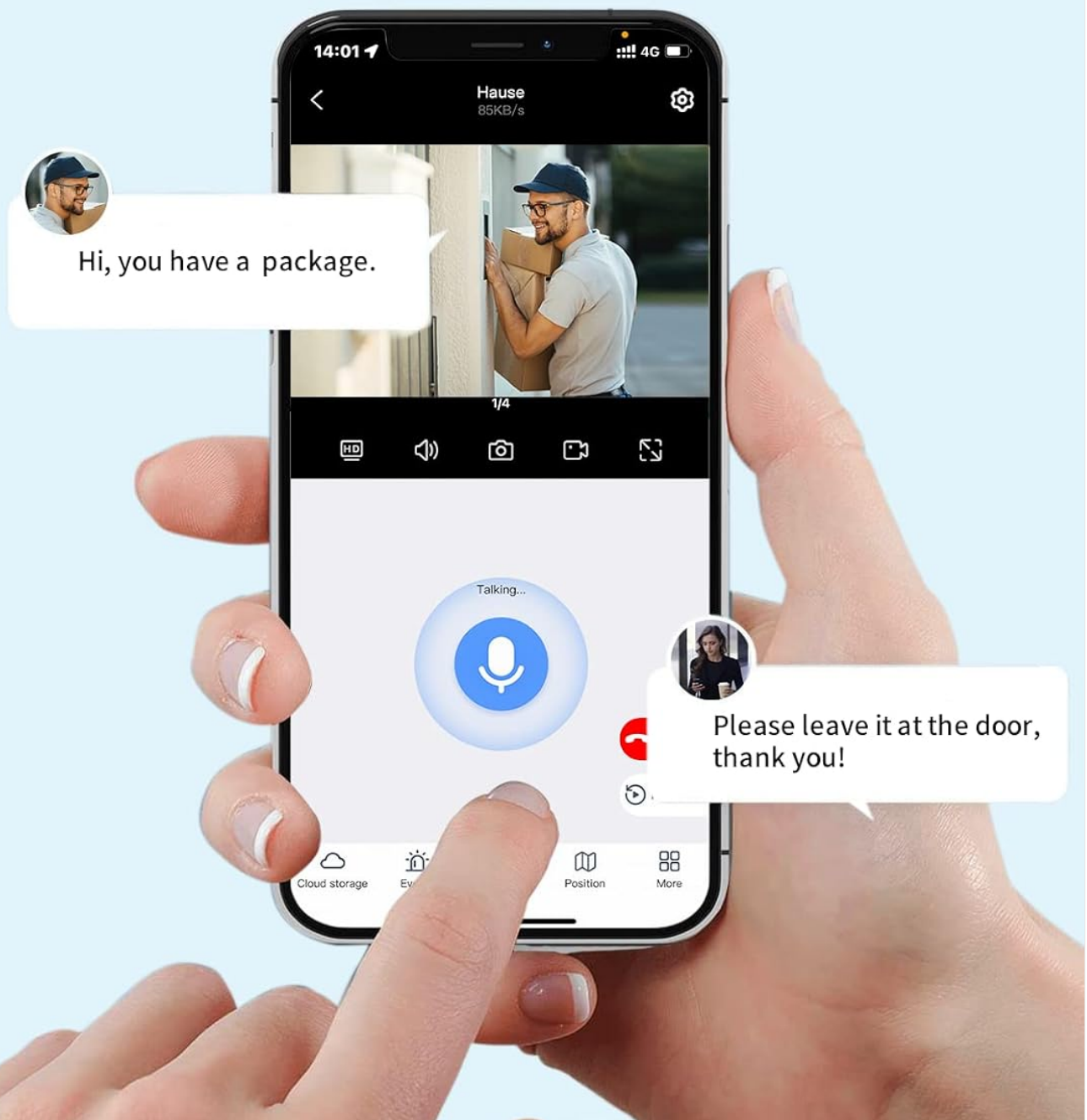


Figure 5.2: Real-Time Two-Way Audio. This image illustrates the two-way audio feature, allowing users to communicate with people at the camera's location via the mobile app.

5.4. Night Vision Modes

The cameras offer versatile night vision capabilities:

- **Infrared Mode:** Provides clear black and white video in low-light conditions using IR LEDs.
- **Color Night Vision:** Utilizes built-in spotlights to provide full-color video even in darkness.
- **Smart Mode:** Automatically switches between IR and color night vision based on detected motion or ambient light.

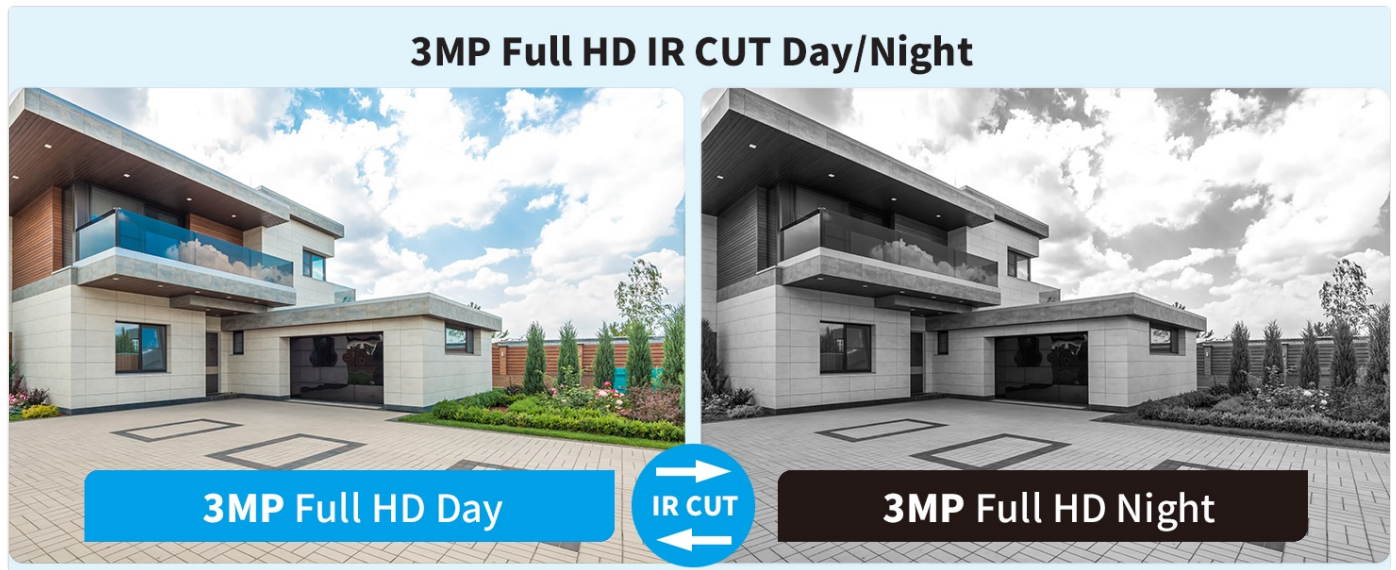


Figure 5.3: Super HD Day and Night Vision. This image showcases the camera's ability to provide clear video both during the day and at night.

5.5. Alexa Integration

Control your Tonton security system using voice commands with Amazon Alexa.

- Enable the EseeCloud skill in your Alexa app.
- Link your EseeCloud account with Alexa.
- Use commands like "Alexa, show the living room" to view camera feeds on compatible Alexa devices (e.g., Echo Show).

Work With Alexa



Figure 5.4: Works with Alexa. This image demonstrates how the Tonton system integrates with Amazon Alexa for convenient voice control and viewing.

6. ADVANCED FEATURES

6.1. Dual WiFi Connectivity

The NVR supports both 2.4GHz and 5GHz Wi-Fi bands, providing more stable and flexible network connections for seamless video streaming and remote access.



Figure 6.1: Dual WiFi Connection. This image visually explains the NVR's capability to connect to both 2.4GHz and 5GHz Wi-Fi bands.

6.2. PIR Motion Detection & Alerts

The integrated PIR sensor accurately detects human and vehicle movement, minimizing false alarms from environmental factors. When motion is detected, you will receive mobile notifications and email alerts with snapshots.

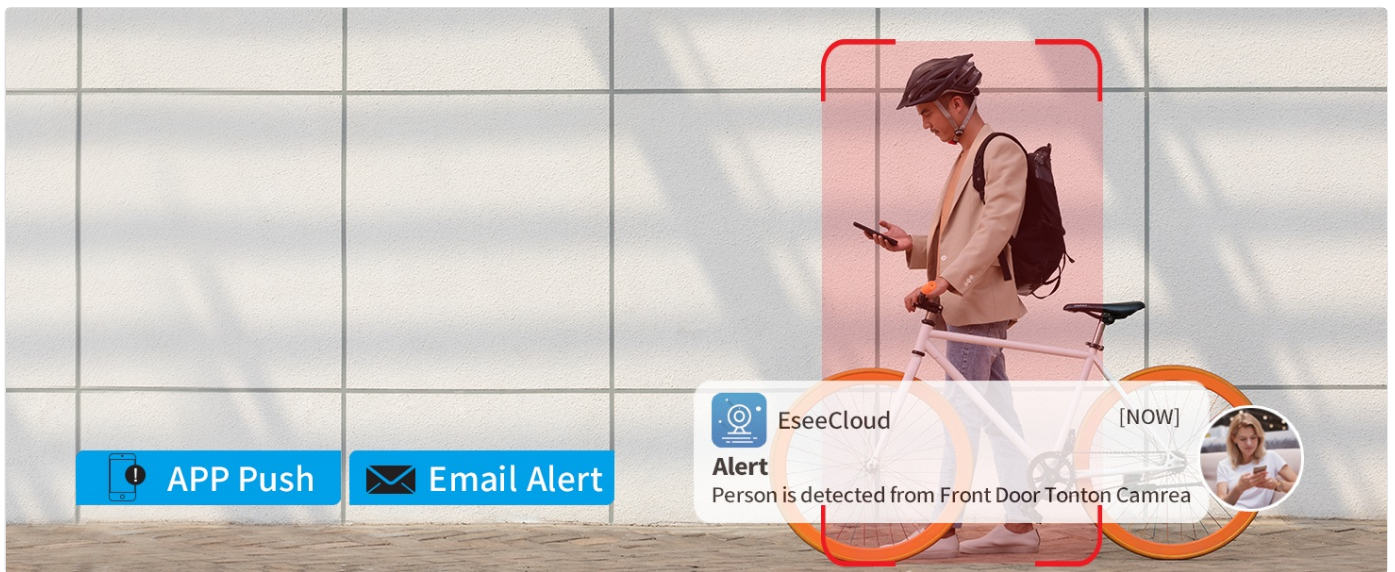


Figure 6.2: Human and Vehicle Detection. This image demonstrates the smart motion detection feature, distinguishing between humans and vehicles to reduce false alarms.

6.3. H.265+ Video Compression

This advanced compression technology reduces video file sizes by up to 50% compared to H.264, allowing for longer recording times and faster downloads without compromising video quality.

H.265+ Video Compression



H.264

Storage Space

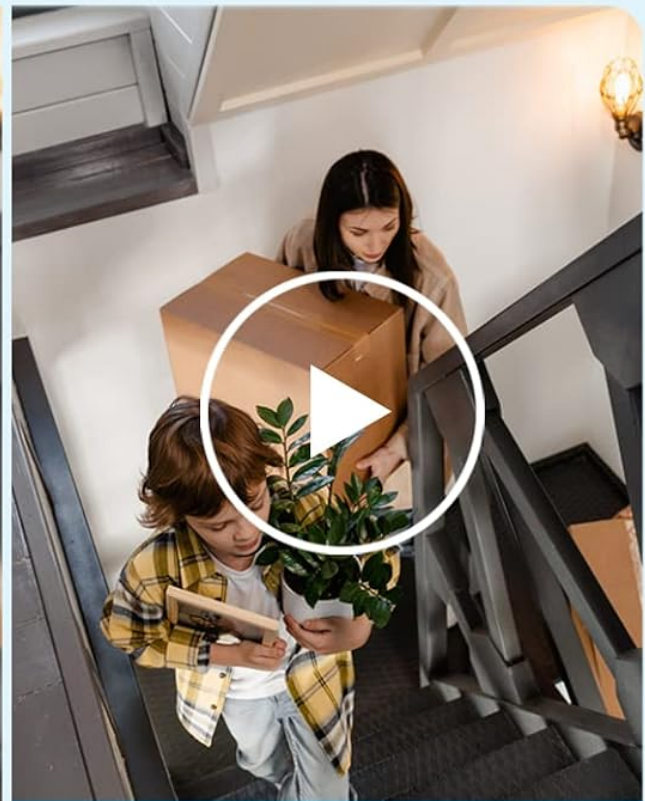
100%

Bandwidth Resources

100%

Loading Speed

50%



H.265+

Storage Space

25%

Bandwidth Resources

50%

Loading Speed

100%

Figure 6.3: H.265+ Video Compression. This image illustrates the benefits of H.265+ compression, including reduced storage and improved efficiency.

7. MAINTENANCE

- **Cleaning:** Regularly wipe the camera lenses and NVR screen with a soft, dry cloth. Avoid abrasive cleaners.

- **Firmware Updates:** Check the EseeCloud app or Tonton's official website for available firmware updates to ensure optimal performance and security.
- **Battery Care:** For the NVR's built-in battery, avoid extreme temperatures and fully charge it periodically if not in regular use.
- **Storage Management:** Periodically review and back up important recordings. The NVR will overwrite the oldest footage when the Micro SD card is full.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on NVR screen	Camera not powered or paired.	Ensure camera is powered. Re-pair camera using 'Match Code' function (Section 4.2).
NVR cannot connect to Wi-Fi	Incorrect password, weak signal, or router issue.	Verify Wi-Fi password. Move NVR closer to router. Restart router.
No remote access via app	NVR not connected to internet, app not configured, or firewall issues.	Ensure NVR has internet access. Re-add device in EseeCloud app. Check router firewall settings.
Frequent false alarms	PIR sensitivity too high, environmental factors (e.g., moving branches).	Adjust PIR sensitivity settings in the NVR or app. Ensure camera is positioned to minimize unwanted triggers.
Poor night vision	Lens obstruction, insufficient light, or incorrect night vision mode.	Clean camera lens. Ensure spotlights are enabled for color night vision. Check night vision mode settings.

9. SPECIFICATIONS

Feature	Description
Brand	Tonton
Model Number	M0719HN4
Connectivity Technology	Wireless (Dual WiFi: 2.4GHz & 5GHz)
Video Capture Resolution	2K (3MP)
Special Features	Portable, Touchscreen, Spotlight, Color Night Vision, 2-Way Audio, PIR+Motion Sensor, Wi-Fi Connection, No WiFi Need (for local viewing), Split Screen Viewing, Expandable (up to 4 cameras), Five-second Pre-record, Compatible with Alexa
Number of Channels	4
Color	Black

Feature	Description
Power Source	Battery & 5V DC Powered
Item Dimensions (L x W x H)	9 x 6.5 x 3.8 inches
Compatible Devices	Cameras, Laptops, Personal Computers, Smartphones, Tablets
Low Light Technology	Night Color
Frame Rate	30 FPS
Recording Mode	Motion Detection, Continuous
Total USB Ports	1
Hardware Interface	802.11 ac/b/g/n
Lens Type	Wide Angle
Video Input	Wireless Signal Transmission
Viewing Angle	178 Degrees
Item Weight	1.7 pounds
Date First Available	December 23, 2020

10. WARRANTY AND SUPPORT

Tonton products typically come with a manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Tonton website for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or any product-related inquiries, please contact Tonton customer service:

- **Online Support:** Visit the [Tonton Support Page on Amazon](#).
- **EseeCloud App:** The app often includes a support section or FAQ.



Figure 10.1: Scan for Support. Use this QR code to quickly access Tonton's online support resources.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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