Tonton B07TYW747Z

Tonton 5MP 8-Channel 4K DVR Home Security Camera System User Manual

Model: B07TYW747Z

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Tonton 5MP 8-Channel 4K DVR Home Security Camera System. Please read this manual thoroughly before using the product to ensure proper setup and functionality. Keep this manual for future reference.

Figure 1: Tonton 5MP 8-Channel 4K DVR Home Security Camera System components, including the DVR, four 5MP bullet cameras, and a 2TB hard drive.

2. PACKAGE CONTENTS

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

- 1 x 8-Channel 4K DVR with pre-installed 2TB HDD
- 4 x 5MP Outdoor Bullet Cameras
- 4 x 60ft BNC Video Cables
- 1 x DVR Power Adapter
- 1 x Camera Power Adapter (with 1-to-4 power splitter)
- 1 x USB Mouse
- 1 x HDMI Cable
- 1 x Ethernet Cable
- Mounting Screws and Plugs
- User Manual (this document)

3. CAMERA OVERVIEW

Each 5MP bullet camera is designed for outdoor use and features advanced imaging capabilities.

Figure 2: Detailed view of a Tonton 5MP bullet camera, highlighting its IP66 weatherproof rating, 3 Array IR LEDs for night vision up to 100ft (30m), f=3.6mm lens with a 72-degree viewing angle, IR-CUT filter for clear night vision, adjustable mounting bracket, DC 12V power input, and 5MP video output.

Figure 3: The Tonton 5MP bullet camera is shown with an IP66 weatherproof rating, indicating its resistance to precipitation, dust particles, and extreme temperatures ranging from -22°F (-30°C) to 131°F (55°C).

- **IP66 Metal Housing:** Ensures durability and weather resistance for outdoor installation.
- **3 Array IR LEDs:** Provides infrared illumination for night vision up to 100ft (30m).
- **f=3.6mm Lens:** Offers a 72-degree viewing angle.
- **IR-CUT Filter:** Automatically switches between day and night modes for optimal image quality.
- **5MP Resolution:** Captures video at 2560x1920 pixels for high detail.

4. SETUP AND INSTALLATION

4.1 DVR and Camera Connections

Follow these steps to connect your DVR and cameras. Ensure all power is disconnected before making connections.

1. **Connect Cameras:** Attach each camera's video output to an available BNC input on the DVR using the provided

60ft BNC cables.

2. **Power Cameras:** Connect the 1-to-4 power splitter to the camera power adapter, then connect each camera's power input to the splitter.

3. **Connect Monitor:** Connect a monitor to the DVR using either the HDMI or VGA output port.

4. **Connect Mouse:** Plug the USB mouse into a USB port on the DVR.

5. **Network Connection:** Connect the DVR to your router using an Ethernet cable for remote access features.

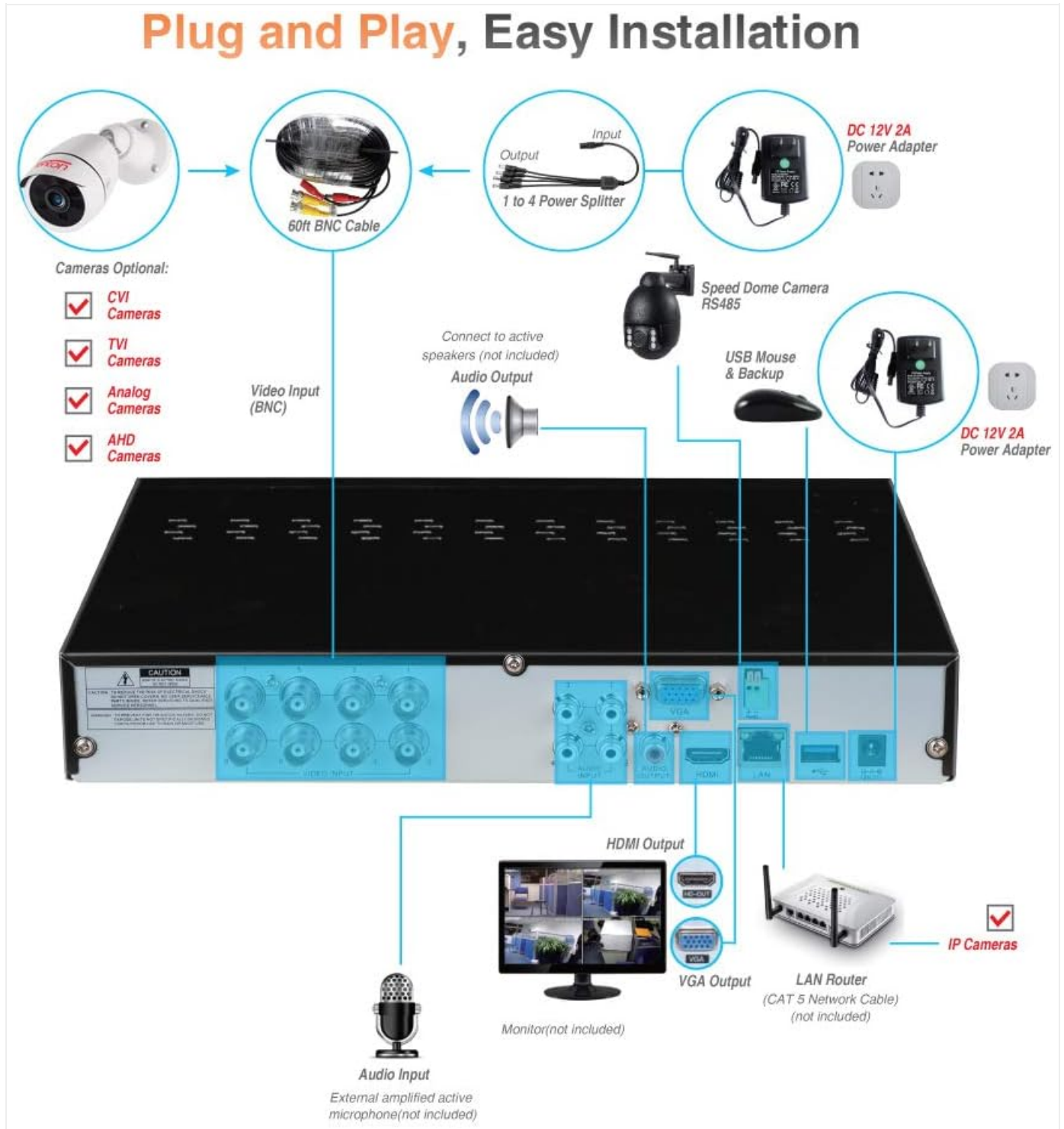6. **Power DVR:** Connect the DVR power adapter to the DVR and then to a power outlet.

Figure 4: Installation diagram illustrating the connections for the DVR, including BNC video inputs for various camera types (CVI, TVI, Analog, AHD), audio input, HDMI and VGA outputs for monitors, USB ports for mouse and backup, LAN port for network connection, and power inputs for both DVR and cameras.

4.2 Mobile App Setup (RXCamView)

The RXCamView app allows for remote viewing and control of your security system.

1. **Download App:** Download the "RXCamView" app from the Apple App Store or Google Play Store.

   - Download for iOS
   - Download for Android

2. **Register Account:** Open the app and follow the on-screen instructions to register a new account.
3. **Add Device:** Use the app's "Add Device" function to scan the QR code displayed on your DVR's monitor or manually enter the device ID.
4. **Live View:** Once the device is added, you can access live camera feeds.

Figure 5: Steps for mobile access, including connecting the DVR to a router, downloading the RXCamView app via QR codes for Android and iOS, and viewing live camera feeds on a smartphone.

5. OPERATION

5.1 Live View and Recording

After initial setup, the system will typically begin continuous recording. You can view live feeds on a connected monitor or via the mobile app.

- **DVR Interface:** Use the USB mouse to navigate the DVR's on-screen menu for live view, playback, and system settings.
- **Mobile App:** Select a camera feed within the RXCamView app to view live video.

5.2 Motion Detection and Alerts

Configure motion detection to receive alerts and optimize recording storage.

1. **Access Settings:** On the DVR, navigate to the "Motion Detection" or "Alarm" settings.
2. **Define Detection Zone:** Select specific areas within the camera's view to trigger motion detection. This helps minimize false alarms.
3. **Configure Alerts:** Set up email alerts with snapshots or push notifications to your smartphone via the RXCamView app.
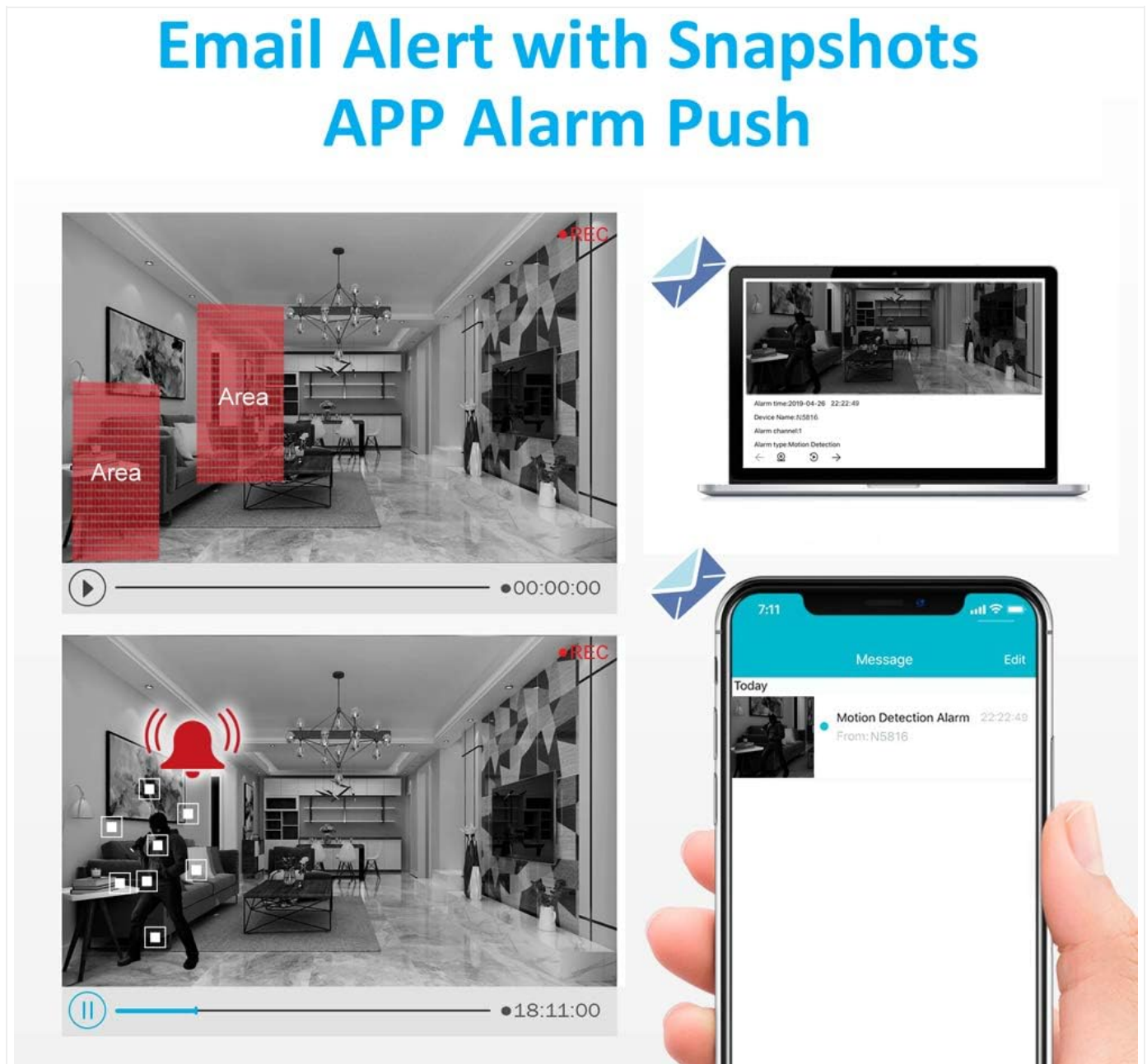

Figure 6: Illustration of how to set up motion detection zones on a camera feed and examples of email alerts with snapshots and mobile

5.3 Video Quality

The system's 5MP cameras provide high-definition video for detailed surveillance.

Figure 7: Visual comparison demonstrating the superior detail of 5 Megapixel HD (2560x1920) video resolution compared to Full HD 2MP (1920x1080), highlighting the clarity provided by the system's cameras.

5.4 Night Vision

The cameras are equipped with Smart IR night vision for clear monitoring in low-light conditions.

- **Automatic Activation:** The IR-CUT filter automatically activates night vision when ambient light levels are low.
- **Range:** Black and white night vision is effective up to 100ft (30m) in total darkness.

6. MAINTENANCE

6.1 Hard Drive Management

The DVR includes a 2TB security-grade hard drive designed for continuous recording. The system will automatically

overwrite the oldest footage when the hard drive is full.

- **Storage Optimization:** H.265+ video compression technology reduces file size by up to 67% compared to H.264, maximizing storage efficiency.
- **Upgrade Option:** The hard drive can be manually upgraded to a capacity of up to 8TB.
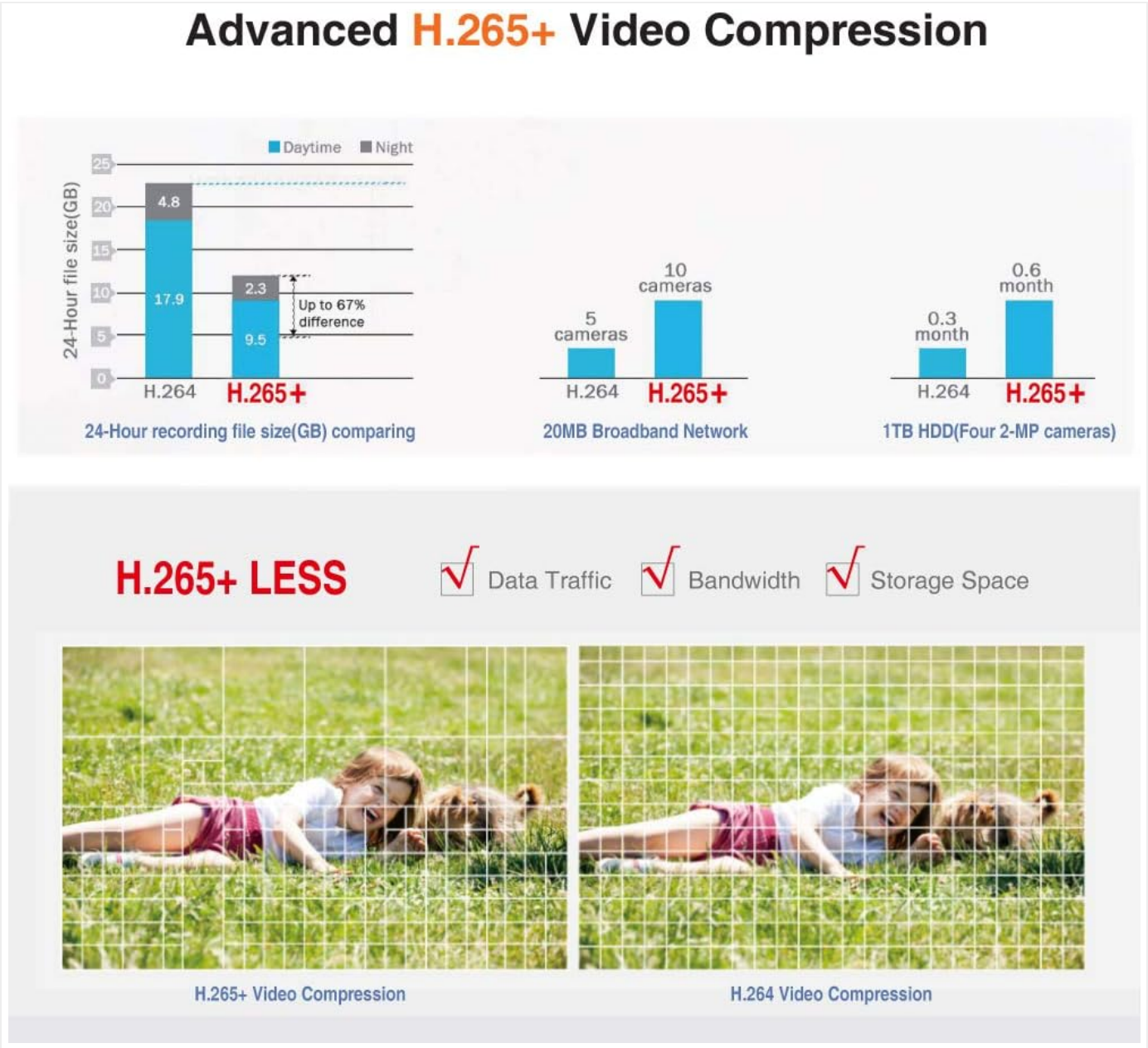

Figure 8: Explanation of Advanced H.265+ Video Compression, illustrating how it significantly reduces 24-hour recording file sizes, data traffic, bandwidth, and storage space compared to H.264 compression, with a visual comparison of image quality.

6.2 Cleaning

Regular cleaning helps maintain optimal performance.

- **Cameras:** Gently wipe camera lenses with a soft, damp cloth. Avoid abrasive cleaners.
- **DVR:** Keep the DVR free from dust. Ensure ventilation openings are not obstructed.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No video display on monitor	Loose cable connection, incorrect input source on monitor, DVR not powered on.	Check HDMI/VGA cable connections. Ensure monitor is set to correct input. Verify DVR power.
No camera image	Camera power issue, BNC cable issue, camera malfunction.	Check camera power connections. Ensure BNC cables are securely connected. Test camera on a different port if possible.
Remote viewing not working	DVR not connected to network, incorrect app settings, network firewall.	Verify DVR's network connection. Check app device settings. Ensure router allows outgoing connections for the DVR.
False motion detection alerts	Detection zone too wide, environmental factors (e.g., moving branches, shadows).	Adjust motion detection zones to exclude irrelevant areas. Reduce sensitivity if necessary.
DVR is loud	Normal operation noise from cooling fan or hard drive.	Ensure DVR is in a well-ventilated area. This is often a characteristic of DVRs with active cooling.

8. SPECIFICATIONS

Feature	Detail
Brand	Tonton
Model Number	B07TYW747Z
Connectivity Technology	Wired
Video Capture Resolution	5MP (2560x1920), 4K (3840x2160) DVR output
Number of Channels	8
Memory Storage Capacity	2 TB (expandable up to 8TB)
Color	White (cameras) / Black (DVR)
Power Source	Corded Electric
Item Dimensions (DVR)	14.4 x 11.9 x 6.3 inches
Compatible Devices	Smartphones
Low Light Technology	Night color (in low light), Smart IR black and white night vision
Recording Mode	Motion detection, Continuous
Camera Weatherproof Rating	IP66
UPC	740385275104

9. WARRANTY AND SUPPORT

For specific warranty details, please refer to the documentation included with your purchase or contact the seller directly.
Tonton strives to provide reliable products and customer assistance.
For technical support or inquiries, please visit the official Tonton store or contact their customer service channels.
Visit the Tonton Store on Amazon

Related Documents - B07TYW747Z

	Tonton Wireless Mini NVR User Manual This user manual provides comprehensive instructions for setting up, configuring, and operating the Tonton Wireless Mini NVR system. It covers interface descriptions, hard disk installation, system connection, initial setup wizard, network configuration, date/time settings, storage management, password setup, app integration, menu navigation, recording settings, intelligent detection, video playback, video backup, adding IP cameras, and expanding wireless coverage.
	IP/Network Camera Instruction Manual Instruction manual for setting up and using an IP/Network Camera, covering connection, software installation, Wi-Fi settings, alarm management, and SD card recording.
	Tonton Wireless Mini NVR User Manual This user manual provides comprehensive instructions for setting up, configuring, and operating the Tonton Wireless Mini NVR system. It covers interface descriptions, hard disk installation, system connection, initial setup wizard, network configuration, date/time settings, storage management, password setup, app integration, menu navigation, recording settings, intelligent detection, video playback, video backup, adding IP cameras, and expanding wireless coverage.
	IP/Network Camera Instruction Manual Instruction manual for setting up and using an IP/Network Camera, covering connection, software installation, Wi-Fi settings, alarm management, and SD card recording.
	Hyper Yo-Yo Accel: A Spinning Sport Comic Adventure Dive into the exciting world of competitive yo-yoing with 'Hyper Yo-Yo Accel,' a special comic showcasing thrilling battles and incredible tricks. Follow the journey of passionate yo-yoers as they strive for recognition and push the limits of their skills.