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› TMEZON 12-inch Monitor Wireless Security Camera System User Manual (Model: MZ-WF430BA-0)

TMEZON MZ-WF430BA-0

TMEZON 12-inch Monitor Wireless Security Camera System User Manual

Model: MZ-WF430BA-0

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TMEZON 12-inch Monitor Wireless Security Camera System. Please read this manual thoroughly before use to ensure proper functionality and safety.

The TMEZON wireless security camera system offers a comprehensive surveillance solution with its 12-inch all-in-one monitor, 3MP (1560P) cameras, and an 8-channel NVR with a 1TB hard disk drive. It supports remote monitoring via smartphones and PCs, features H.265 compression for efficient storage, motion detection, and robust waterproof and dustproof cameras with infrared night vision.



Image 1.1: Overview of the TMEZON Wireless Security Camera System components.

2. PACKAGE CONTENTS

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

- 1 x 12-inch All-in-One NVR with Monitor (8-channel, 1TB HDD pre-installed)
- 4 x 3MP Wireless IP Cameras
- 5 x Power Adapters (1 for NVR, 4 for cameras)
- 1 x USB Mouse
- 1 x Ethernet Cable
- 1 x User Manual
- Mounting Screws and Anchors

3. SETUP GUIDE

3.1 Initial Connection and Power-Up

1. **Connect the NVR:** Connect the provided power adapter to the NVR and plug it into a power outlet. The NVR will power on automatically.
2. **Connect the Cameras:** Connect each camera to its respective power adapter and plug them into power outlets.
3. **Automatic Pairing:** The cameras and NVR are pre-matched at the factory. Once powered on, the cameras should automatically connect to the NVR and display video on the monitor.

マッチコード済み、通電したら監視できる！



2.4GHzワイヤレス伝送、カメラとNVRは出荷前にマッチコードされています。

Image 3.1: Cameras and NVR are pre-matched for easy setup.

3.2 Network Connection (Optional for Remote Viewing)

To enable remote viewing via smartphone or PC, connect the NVR to your router using the provided Ethernet cable.

1. Connect one end of the Ethernet cable to the LAN port on the NVR.
2. Connect the other end of the Ethernet cable to an available LAN port on your internet router.
3. Ensure your router has an active internet connection.

簡単リモートアクセス



1 レコーダーとカメラを通电して、レコーダーをルーターに接続します。

2 無料アプリをダウンロードします(IP PRO)



3 アプリを実行してアカウントを登録します。



4 IDでデバイスを追加して&いつでもどこでもカメラを監視できます。

Image 3.2: Connecting the NVR to your router for remote access.

3.3 Camera Installation

The cameras are designed for both indoor and outdoor use, featuring IP66 waterproof and dustproof ratings. They come with a 3-axis mounting bracket for flexible positioning.

- **Mounting Location:** Choose a location that provides the desired viewing angle and is within range of a power outlet. Consider areas like pet rooms, garages, shops, parking lots, offices, or children's rooms.
- **Secure Mounting:** Use the provided screws and anchors to securely mount the cameras to a wall or ceiling.
- **Adjust Angle:** Adjust the camera angle using the 3-axis bracket to cover the desired surveillance area.



Image 3.3: Flexible 3-axis mounting for cameras.



Image 3.4: Automatic wireless pairing and power connection for cameras.

4. OPERATING INSTRUCTIONS

4.1 Local Viewing and Control

Use the included USB mouse to navigate the NVR's on-screen interface. The 12-inch monitor displays live feeds from all connected cameras.

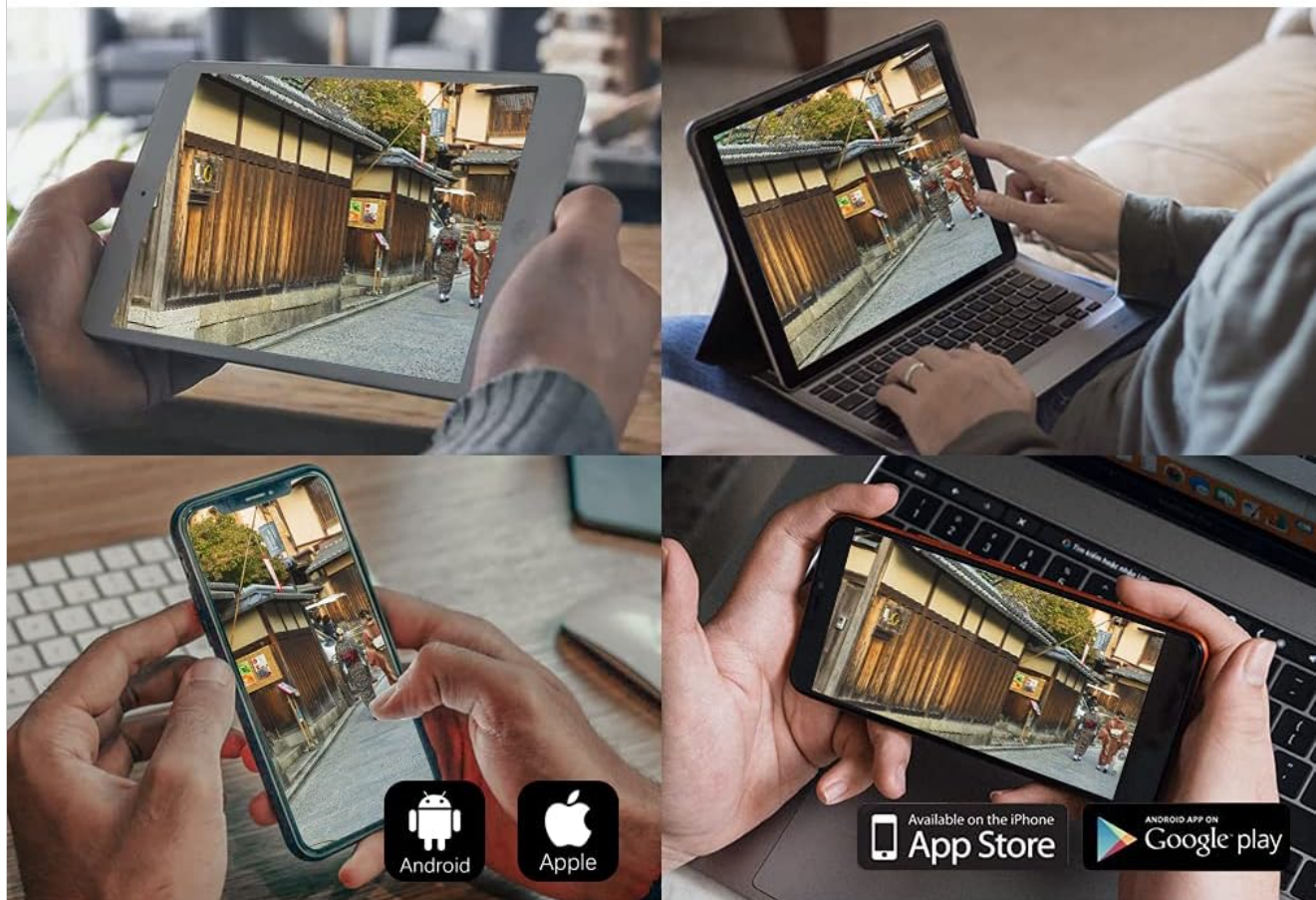
- **Live View:** The main screen displays real-time video from your cameras. You can switch between single-camera view and multi-camera grid view.
- **Playback:** Access recorded footage by selecting the playback option from the menu. You can search by date and time.
- **System Settings:** Configure various settings such as recording schedules, motion detection zones, and network parameters.

4.2 Remote Monitoring via Smartphone/PC

The system supports remote viewing via a dedicated mobile application and PC software.

1. **Download the App:** Search for "IP Pro" (or specified app in the manual) on the App Store (iOS) or Google Play Store (Android) and install it on your smartphone.
2. **Register an Account:** Open the app and follow the instructions to register a new user account.
3. **Add Device:** Scan the QR code displayed on your NVR (usually found in the system information or network settings) or manually enter the device ID to add your NVR to the app.
4. **View Live Feed:** Once added, you can view live video, access recorded footage, and receive alerts from anywhere with an internet connection.

複数デバイスのリモートアクセス



①: アプリをインストール



②: QRコードをスキャンしてデバイスを追加します。

③: リモート監視できます。

Image 4.1: Remote access on various devices.

4.3 Recording Modes

The system offers flexible recording options to suit your needs:

- **Continuous Recording:** Records 24/7. The 1TB HDD can store approximately 480 hours of video from 4 cameras simultaneously.
- **Motion Detection Recording:** Records only when motion is detected, saving storage space.
- **Scheduled Recording:** Set specific times for recording.

The system utilizes H.265 video compression technology, which is more efficient than H.264, allowing for longer recording times with the same storage capacity. When the HDD is full, the system automatically overwrites the oldest footage to continue recording.



4.4 Motion Detection and Alerts

The system features intelligent motion detection. When motion is detected within the camera's field of view, you will receive instant notifications on your smartphone via the app.

- Configure motion detection sensitivity and areas through the NVR settings or mobile app.
- Receive real-time alerts to monitor your property effectively.



Image 4.3: Snapshot alerts for motion detection.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your security system.

- **Clean Cameras:** Periodically clean the camera lenses with a soft, dry cloth to ensure clear image quality. For outdoor cameras, remove any dust, dirt, or cobwebs.
- **Check Connections:** Ensure all power and network cables are securely connected and free from damage.
- **Software Updates:** Check the manufacturer's website or the NVR's system settings for available firmware updates. Keeping your system updated can improve performance and security.
- **HDD Health:** The NVR's interface may provide information on the HDD's health. Monitor this periodically to prevent data loss.
- **Power Supply:** Ensure stable power supply to both the NVR and cameras. Unstable power can affect performance and lifespan.

6. TROUBLESHOOTING

This section addresses common issues you might encounter. For more complex problems, please contact customer support.

Problem	Possible Cause	Solution
No image on NVR monitor	NVR not powered on; camera not powered on; camera not paired.	Check NVR and camera power connections. Ensure cameras are within range and paired (they are pre-paired).
Remote viewing not working	NVR not connected to internet; incorrect app settings; firewall issues.	Ensure NVR is connected to router via Ethernet. Check router's internet connection. Verify app settings and device ID. Temporarily disable firewall for testing.
Poor image quality	Dirty lens; low light conditions; camera out of focus (if adjustable).	Clean camera lens. Ensure adequate lighting or rely on night vision. Check camera focus if applicable.
Motion detection not triggering	Incorrect sensitivity settings; motion detection zone not set.	Adjust motion detection sensitivity. Define motion detection zones in NVR settings.
HDD full, no new recordings	Overwrite function disabled; HDD failure.	Ensure overwrite function is enabled in NVR settings. Check HDD health.

7. SPECIFICATIONS

Feature	Specification
Brand	TMEZON
Model Number	MZ-WF430BA-0
NVR Monitor Size	12 inches
Camera Resolution	3MP (1560P)
NVR Channels	8-channel (4 cameras included, expandable up to 8)
Hard Drive	1TB HDD (pre-installed)
Video Compression	H.265
Connectivity	Wireless (2.4GHz), Ethernet
Camera Lens	3.6mm
Camera Field of View	Up to 120°
Night Vision Range	Up to 30m (with 3 IR-CUT LEDs)
Camera Weather Rating	IP66 Waterproof and Dustproof
Remote Access	PC, iPhone, Android, Windows Mobile
Product Weight	3.56 kg (approximate package weight)



Image 7.1: NVR port overview.

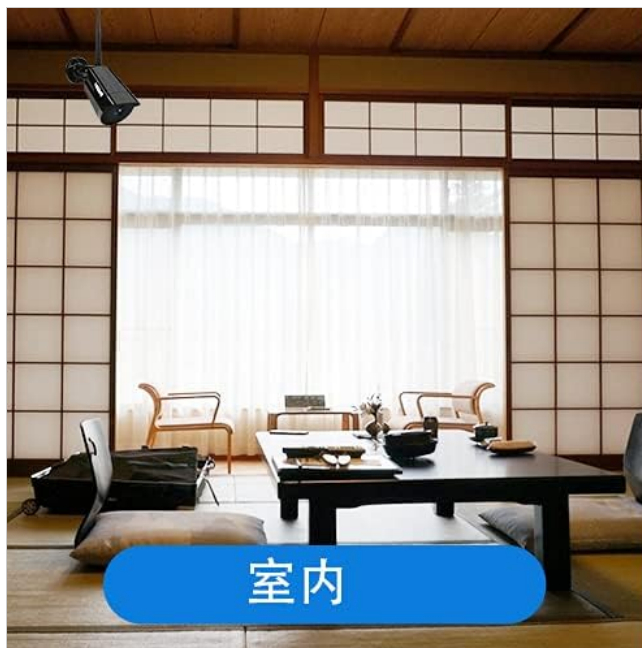


Image 7.2: Camera versatility for various environments and conditions.



Image 7.3: 1080P vs 720P image quality comparison.



Image 7.4: Day and night vision capabilities.

8. WARRANTY AND SUPPORT

TMEZON is committed to providing high-quality products and excellent customer service.

- **Warranty:** Please refer to your purchase documentation for specific warranty terms and conditions.
- **Customer Support:** If you encounter any issues during shipping, product defects, or require technical assistance, please contact us.
- **Contact Information:**
 - Email: tmezoncctvsystem@yahoo.com
 - WeChat: h614681772
- **Technical Support:** For technical questions, we can provide video communication support via the specified app.
- **Bulk Orders:** If you need to purchase two or more sets, please contact us for special discounts.

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.

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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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