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TIEJUS MA3

TIEJUS MA3 3MP 2.4G/5G Outdoor Security Camera Instruction Manual

Model: MA3

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TIEJUS MA3 3MP 2.4G/5G Outdoor Security Camera. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.



Image 1.1: TIEJUS MA3 Outdoor Security Camera and its mobile application interface.

2. PACKAGE CONTENTS

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

- TIEJUS MA3 3MP Outdoor Security Camera
- Power Adapter (with 10ft USB charging cable)
- Mounting Kit (screws and wall anchors)
- User Manual

3. CAMERA OVERVIEW

Familiarize yourself with the various components of your TIEJUS MA3 security camera.

Cycle days of the cloud service	7 days	30 days
Monthly	3.99 \$	4.99 \$
Half-Yearly	19.99 \$	24.99 \$
Yearly	39.99 \$	49.99 \$

• New user pay only **\$0.99** for first week (7 days) cloud storage experience (one-day revolving).

Image 3.1: Detailed diagram of the TIEJUS MA3 camera components.

- **Lens:** Captures video footage.
- **Photosensitive Element:** Detects light levels for automatic day/night mode switching.
- **Microphone:** Captures audio for two-way communication and recording.
- **Infrared + White Light:** Provides illumination for night vision (infrared for black & white, white light for color night vision).
- **Speaker:** Outputs audio for two-way communication and alarms.
- **Reset Button:** Used to reset the camera to factory settings.
- **TF Card Slot:** For local storage using a microSD card (16-256GB, not included).
- **USB-A:** Power input port.
- **Bracket:** For mounting the camera.
- **Wi-Fi Antenna:** For wireless network connectivity.

4. SETUP

4.1 Physical Installation

The TIEJUS MA3 camera is designed for outdoor wall mounting. Ensure the installation location has a stable Wi-Fi signal and access to a power outlet.

1. Choose a suitable mounting location that provides the desired viewing angle and is within reach of the power cable.
2. Use the mounting bracket as a template to mark drill holes on the wall.
3. Drill holes and insert wall anchors if necessary.
4. Secure the mounting bracket to the wall using the provided screws.
5. Attach the camera to the mounting bracket.
6. Connect the power adapter to the camera's USB-A port and plug it into a power outlet. The camera will power on.

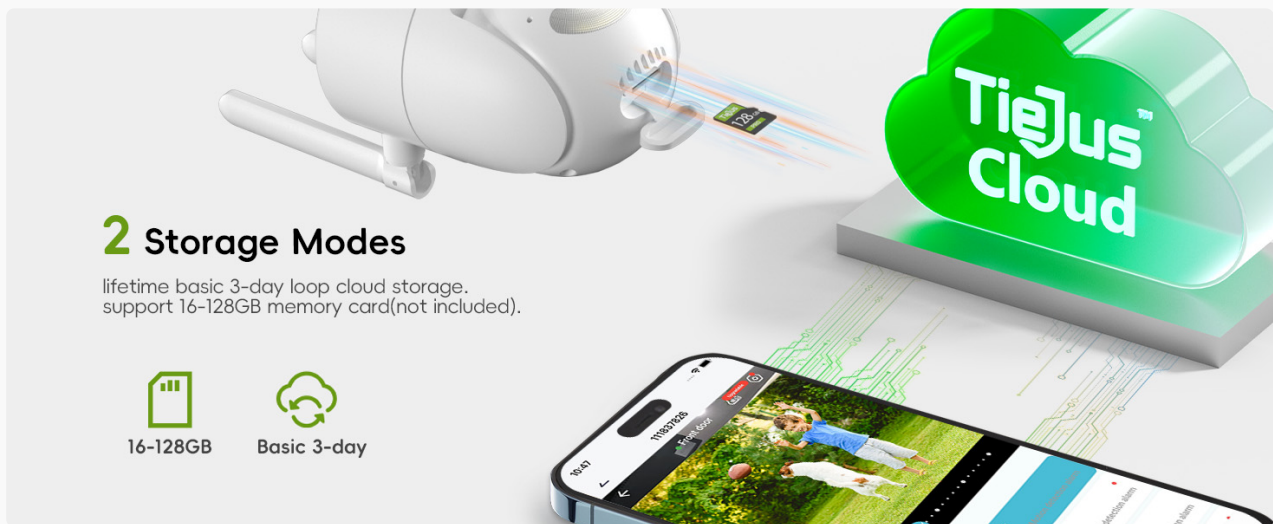


Image 4.1: Installation options for the TIEJUS MA3 camera.

4.2 App Download and Camera Pairing

The TIEJUS MA3 camera operates with a dedicated mobile application. Search for the app on your smartphone's app store (App Store for iOS, Google Play for Android).

1. Download and install the companion app on your smartphone.
2. Register for a new account or log in if you already have one.
3. Follow the in-app instructions to add a new device. This typically involves scanning a QR code displayed on the camera or generated by the app.
4. Connect the camera to your Wi-Fi network. The camera supports both 2.4GHz and 5GHz Wi-Fi bands for enhanced connectivity.
5. Once connected, the camera will appear in your app's device list, and you can access the live view.



Image 4.2: Step-by-step guide for connecting the camera via the mobile application.

5. OPERATING INSTRUCTIONS

5.1 Live View and Pan/Tilt Control

Access the live video feed from your camera through the mobile app. You can remotely control the camera's viewing angle.

- From the app's main screen, select your camera to view the live feed.
- Use the on-screen controls to pan (355° horizontal) and tilt (90° vertical) the camera lens to adjust the viewing area.

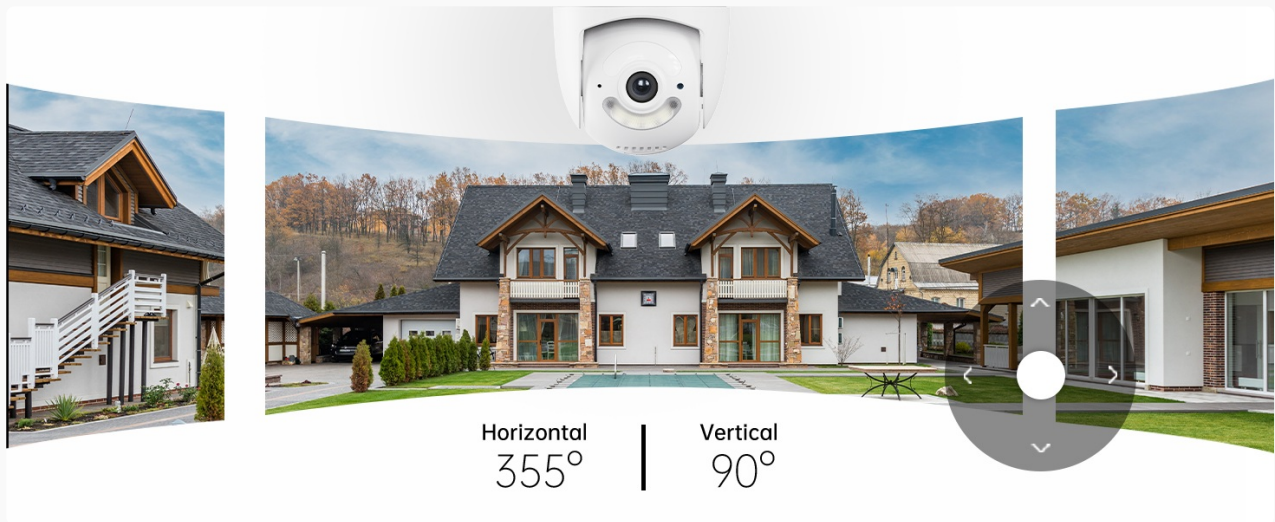


Image 5.1: The camera offers a wide field of view with 355° pan and 90° tilt.

5.2 Two-Way Audio

The camera features a built-in microphone and speaker, enabling two-way communication.

- While in live view, tap the microphone icon in the app to speak through the camera's speaker.
- The camera's microphone will capture audio from the monitored area.

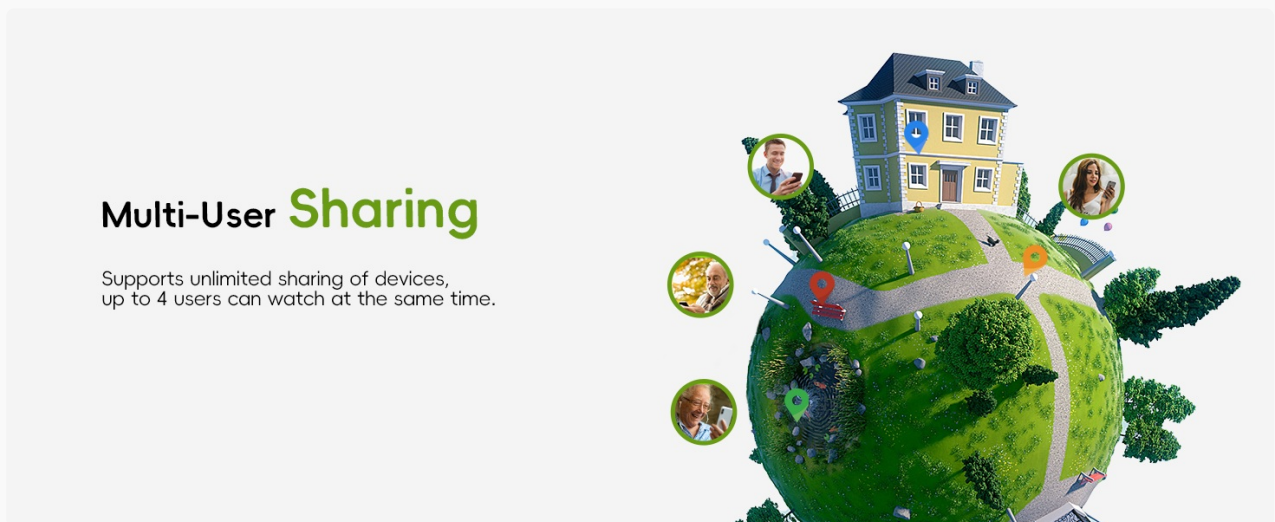


Image 5.2: Two-way audio allows direct communication through the camera.

5.3 Motion Detection and Tracking

The camera utilizes PIR motion detection with a "Human Detection Only" feature to minimize false alerts and can automatically track detected movement.

- Enable motion detection in the app settings.
- Activate "Human Detection Only" for more precise alerts.
- The camera can automatically track detected human movement within its 360° surveillance range.

- Receive instant alerts via the app and email when suspicious activity is detected.
- Customize detection sensitivity and set specific alarm schedules to avoid frequent notifications.
- Define custom non-detection areas to mask off unnecessary detection zones.



Image 5.3: Instant alerts and customizable alarm options.

5.4 Night Vision

The camera provides 2K HD resolution with advanced color night vision for clear visuals in low-light conditions.

- The camera automatically switches to night vision mode in low light.
- Infrared LEDs provide black and white night vision up to 33 ft.
- White light LEDs enable full-color night vision when activated or triggered by motion.



Image 5.4: Comparison of infrared and full-color night vision capabilities.

5.5 Recording and Storage

The TIEJUS MA3 supports continuous 24/7 recording and event-based recording with flexible storage options.

- **MicroSD Card Storage:** Insert a 16-256GB microSD card (not included) into the TF card slot for 24/7 continuous recording.
- **Cloud Storage:** The camera supports a loop cloud storage service for event recording. Refer to the app for subscription details.

2 Storage Modes



16-128GB
(Not included)



Cloud Storage



Image 5.5: The camera supports both local microSD card and cloud storage options.

5.6 Multi-User Sharing

Share access to your camera's live feed with family and friends.

- Through the app, you can share device access with other users.
- Up to 4 users can view the live feed simultaneously.



Image 5.6: The camera supports multi-user sharing for convenient access.

5.7 Amazon Alexa Integration

Control your camera and view its feed using Amazon Alexa-enabled devices.

- Enable the TIEJUS skill in the Alexa app.
- Link your TIEJUS account with Alexa.
- Use voice commands such as "Alexa, show me the front door camera" to view the live feed on compatible devices.

Adjustable PIR sensitivity

Detecton Sensitivity

Near 1	Medium 2	Far 3
-----------	-------------	----------

* 65FT Visible Distance - Day
 * 50FT Visible Distance - Night
 * 33FT Detection Distance

Image 5.7: The camera is compatible with Amazon Alexa for voice control and viewing.

6. MAINTENANCE

6.1 Cleaning

- Gently wipe the camera lens with a soft, dry cloth to remove dust or smudges.
- Do not use harsh chemicals or abrasive cleaners, as they may damage the lens or camera body.

6.2 Environmental Considerations

The TIEJUS MA3 camera has an IP66 waterproof rating, ensuring effective operation in various weather conditions.

- Operating temperature range: -10°C to 55°C (14°F to 131°F).
- Ensure the power connection is protected from direct water exposure, although the camera itself is waterproof.

Image 6.1: The IP66 waterproof design ensures reliable performance in diverse weather.

7. TROUBLESHOOTING

If you encounter issues with your camera, refer to the following common problems and solutions:

Problem	Possible Solution
Camera fails to connect to Wi-Fi	Ensure your Wi-Fi password is correct. Check if the camera is within range of your router. Try restarting the camera and your router. Verify your Wi-Fi is 2.4GHz or 5GHz compatible.
No live view in the app	Check your internet connection. Ensure the camera is powered on. Restart the app. If the issue persists, try re-pairing the camera.
Motion alerts are too frequent/infrequent	Adjust the motion detection sensitivity in the app. Enable "Human Detection Only" to reduce false alarms. Set custom detection zones or alarm schedules.
Night vision is unclear	Ensure the camera lens is clean. Check for obstructions blocking the infrared or white lights. Verify there are no strong light sources directly facing the camera at night.
SD card not recording	Ensure the SD card is inserted correctly and is between 16-256GB. Format the SD card through the app. Check if the recording settings are enabled for continuous recording.
Two-way audio not working	Check the microphone and speaker settings in the app. Ensure your phone's volume is up. Verify there are no physical obstructions to the camera's microphone or speaker.

For further assistance, please contact TIEJUS customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	MA3
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	1920p (3MP)
Effective Video Resolution	2K
Connectivity Technology	Wired (Power), Wi-Fi (Data)
Wireless Communication Technology	Wi-Fi (2.4GHz/5GHz Dual-Band)
Power Source	Corded Electric
Viewing Angle	360 Degrees (355° Horizontal, 90° Vertical)
Night Vision Range	33 Feet
Low Light Technology	Night Color
International Protection Rating	IP66 (Waterproof)
Operating Temperature	-10°C to 55°C (14°F to 131°F)
Storage	MicroSD Card (16-256GB, not included), Cloud Storage
Controller Type	Amazon Alexa, App
Audio Visual Recording Capabilities	Video, Two-Way Audio
Alert Type	Motion Only (Human Detection)
Product Dimensions	4 x 2.99 x 6 inches
Item Weight	14.9 ounces
UPC	768771274395



Image 8.1: Physical dimensions of the TIEJUS MA3 camera.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Please refer to the product packaging or the official TIEJUS website for detailed warranty information. Keep your purchase receipt as proof of purchase for warranty claims.

9.2 Customer Support

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

- **Online Chat:** Available 8 AM - 11 PM EST
- **Phone:** (+1) 2692189888 (8 AM - 11 PM EST)
- **Email:** Tech@tiejus.com



Image 9.1: TIEJUS Customer Service contact information.