ANTELA 9825F

ANTELA 4MP/2.5K Wi-Fi Outdoor PTZ Security Camera

Model: 9825F User Manual

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ANTELA 4MP/2.5K Wi-Fi Outdoor PTZ Security Camera, Model 9825F. This camera is designed for outdoor surveillance, offering high-resolution video, flexible pan/tilt control, and advanced night vision capabilities. Please read this manual thoroughly before use to ensure proper setup and functionality.

2. Package Contents

- ANTELA 4MP/2.5K Wi-Fi Outdoor PTZ Security Camera
- Power Adapter
- Mounting Screws and Wall Plugs
- Waterproof Kit for Network Cable (if applicable)
- User Manual

3. Product Overview

The ANTELA 9825F camera features a robust, weather-resistant design suitable for outdoor environments. It includes a high-resolution lens, infrared LEDs, floodlights for color night vision, a microphone, and a speaker for two-way audio. The camera's head can pan horizontally and tilt vertically for comprehensive area coverage.



Figure 3.1: ANTELA 4MP/2.5K Wi-Fi Outdoor PTZ Security Camera. This image displays the camera unit with its dual antennas, mounted on a wall, alongside a smartphone screen illustrating the live video feed and pan/tilt controls.



Figure 3.2: Key Features and App Integration. The camera is shown mounted on a house exterior, with icons highlighting features like remote pan/tilt, color night vision, TF card storage, multi-person sharing, motion sensor, 2-way audio, IP65 rating, and compatibility with Smart Life/Tuya apps.



Figure 3.3: Resolution Comparison. This image illustrates the visual difference between 3MP/2K and 4MP/2.5K video resolutions, demonstrating the enhanced clarity offered by the 4MP/2.5K camera.

4. Setup

4.1 Physical Installation

1. **Choose a Location:** Select an outdoor location with a clear view of the area you wish to monitor. Ensure the camera is within range of your 2.4GHz Wi-Fi network.
2. **Mount the Camera:** Use the provided mounting screws and wall plugs to securely attach the camera to a wall or suitable surface.
3. **Connect Power:** Connect the power adapter to the camera and plug it into a power outlet. Ensure the connection is protected from weather using the waterproof kit if necessary.

4.2 App Installation and Pairing

1. **Download the App:** Search for "Smart Life" or "Tuya Smart" in your mobile device's app store (iOS or Android) and install it.
2. **Register/Log In:** Open the app and create a new account or log in with an existing one.
3. **Add Device:** Tap the "+" icon or "Add Device" button. Select "Security & Video Surveillance" > "Smart Camera (Wi-Fi)".

4. **Power On Camera:** Ensure the camera is powered on and its indicator light is flashing, indicating it's ready for pairing.
5. **Connect to Wi-Fi:** Follow the in-app instructions to connect the camera to your 2.4GHz Wi-Fi network. **Note: 5GHz Wi-Fi networks are not supported.**
6. **Scan QR Code:** The app will display a QR code. Hold your phone in front of the camera lens (approx. 15-20 cm) until you hear a confirmation sound from the camera.
7. **Complete Pairing:** Once the camera connects, it will appear in your device list. You can rename it for easy identification.

5. Operating Instructions

5.1 Live View and PTZ Control

From the app's main screen, tap on your camera to access the live video feed. Use the on-screen joystick or directional arrows to remotely control the camera's pan (355° horizontal) and tilt (90° vertical) movements, allowing you to view different angles of your property.



Figure 5.1: PTZ Control. This image demonstrates the camera's 355° pan and 90° tilt capabilities, controlled remotely through the smartphone application, providing extensive coverage.

5.2 Night Vision Modes

The camera offers three distinct night vision modes, configurable through the app, to suit various lighting conditions:

- **Infrared Night Vision:** Provides clear black and white video in complete darkness using infrared LEDs.
- **Full-Color Night Vision:** Activates the camera's built-in floodlights to produce full-color video even in low-light conditions.
- **Smart Night Vision:** Automatically switches between infrared and full-color modes. When motion is detected, the floodlights activate to provide color video, otherwise, it remains in infrared mode.



Figure 5.2: Night Vision Modes. This image compares the visual output of infrared night vision (monochrome), full-color night vision (illuminated by floodlights), and alarm light vision (floodlights activating upon detection).

5.3 Two-Way Audio and Siren

The integrated microphone and speaker enable two-way communication. Tap the microphone icon in the app to speak through the camera, and listen to audio from the camera's vicinity. In case of detected motion, the camera can automatically activate a siren and flashing lights to deter intruders, configurable in the app settings.



Figure 5.3: Two-Way Audio. This image illustrates the two-way audio functionality, showing a delivery person at a door and text bubbles representing a conversation between the person and the camera user.

5.4 Motion Detection and Alerts

The camera features smart motion detection. When movement is detected within the configured zones, the camera will trigger an alarm, record video, and send real-time notifications to your smartphone. Sensitivity and detection zones can be customized in the app settings.



Figure 5.4: Smart Motion Detection & Alert. This image depicts a person walking past a house at night, with the camera detecting motion and sending a notification to a smartphone, highlighting the real-time alert system.

5.5 Recording and Storage

Video recordings can be stored using two methods:

- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the camera's designated slot for local storage of recordings. The camera supports 24/7 continuous recording or event-based recording.
- **Cloud Storage:** Subscribe to the optional cloud storage service through the app to securely store your video recordings online. This provides an off-site backup and access from anywhere.

5.6 Multi-User Sharing

You can share access to your camera's live feed and recordings with family members or trusted individuals. In the app, navigate to the camera settings and select the sharing option to invite other users. This allows multiple users to monitor the same camera simultaneously.



Figure 5.5: Multi-User Sharing. This image illustrates the multi-user sharing capability, showing a family enjoying their garden while other individuals are depicted using their smartphones, implying shared access to the camera feed.

6. Maintenance

- **Cleaning:** Periodically clean the camera lens with a soft, dry cloth to ensure clear image quality. Do not use harsh chemicals.
- **Firmware Updates:** Check the app regularly for firmware updates. Keeping your camera's firmware updated ensures optimal performance and security.
- **Power Supply:** Ensure the power adapter and cable are free from damage and properly connected to maintain continuous operation.

7. Troubleshooting

- **Camera Offline:** Check Wi-Fi signal strength at the camera's location. Ensure the camera is powered on and connected to a 2.4GHz network. Restart the camera and your router.
- **Cannot Connect to Wi-Fi:** Verify your Wi-Fi password. Ensure you are connecting to a 2.4GHz network. Move the camera closer to the router during setup.
- **Poor Image Quality:** Clean the camera lens. Check your internet connection speed. Ensure the camera is not facing direct strong light sources.

- **Motion Detection Not Working:** Verify motion detection settings in the app. Adjust sensitivity and detection zones. Ensure notifications are enabled on your phone.
- **SD Card Not Recording:** Ensure the SD card is correctly inserted and formatted within the app. Check if the SD card is full or corrupted.

8. Specifications

Feature	Specification
Model Number	9825F
Video Capture Resolution	4MP (2.5K)
Connectivity Technology	Wireless (Wi-Fi 2.4GHz only)
Pan/Tilt Range	Horizontal: 355°, Vertical: 90°
Night Vision Distance	Up to 50m
Ingress Protection (IP) Rating	IP65
Storage Options	Micro SD Card (up to 128GB), Cloud Storage
Two-Way Audio	Yes (Built-in microphone and speaker)
Motion Detection	Smart Human Motion Detection
Dimensions (LxWxH)	11.9 x 18.8 x 20.7 cm
Weight	680 grams

9. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official ANTELA website. Keep your purchase receipt as proof of purchase for warranty claims.