EVERSECU MINIK01

EVERSECU Expandable 8CH Mini NVR & Security Cameras System

USER MANUAL

1. Product Overview

The EVERSECU Expandable 8CH Mini NVR & Security Cameras System provides a comprehensive surveillance solution for various environments such as villas, homes, offices, shops, and warehouses. This system includes a compact Network Video Recorder (NVR) and two 2K Wi-Fi cameras, with expandability up to 8 channels. It supports advanced features like face capture, intrusion detection, and remote viewing via mobile devices or PC.

Key Features:

- **Compact 8-Channel NVR:** Ultra-mini size (120mm*95mm*28mm) for easy placement and portability.
- **Smart Face Capture/Record/Playback:** Automatically captures faces, organizes recorded videos by faces, and allows for easy playback and notifications.
- **Line Crossing/Intrusion Detection:** Instantly detects motion in user-defined areas and sends immediate alerts to your smart device.
- **Flexible Storage:** Supports up to 128GB SD card or external hard drive for recording (not included).
- **Remote Viewing:** Access live video anytime, anywhere via the "XMEYE" app (Android & iOS) or CMS software (Windows/MAC).
- **24/7 Surveillance:** Cameras require stable power from nearby outlets for continuous operation.

2. What's in the Box

Upon unboxing your EVERSECU security system, you should find the following components:

- 1 x EVERSECU Mini NVR (Network Video Recorder)
- 2 x EVERSECU 2K Wi-Fi Outdoor Cameras
- Power Adapters for NVR and Cameras
- 1 x USB Mouse

- 1 x Network Cable
- User Manual (this document)

Figure 2.1: The compact EVERSECU Mini NVR and two included Wi-Fi cameras.

3. Product Components and Dimensions

Familiarize yourself with the NVR and camera components for proper setup and operation.

3.1 NVR Front and Rear Panels

Figure 3.1: Front panel of the NVR showing TF card slot, power button, IR receiver, and eSATA+USB port. Dimensions are approximately 12cm (width) x 9.5cm (depth) x 2.8cm (height).
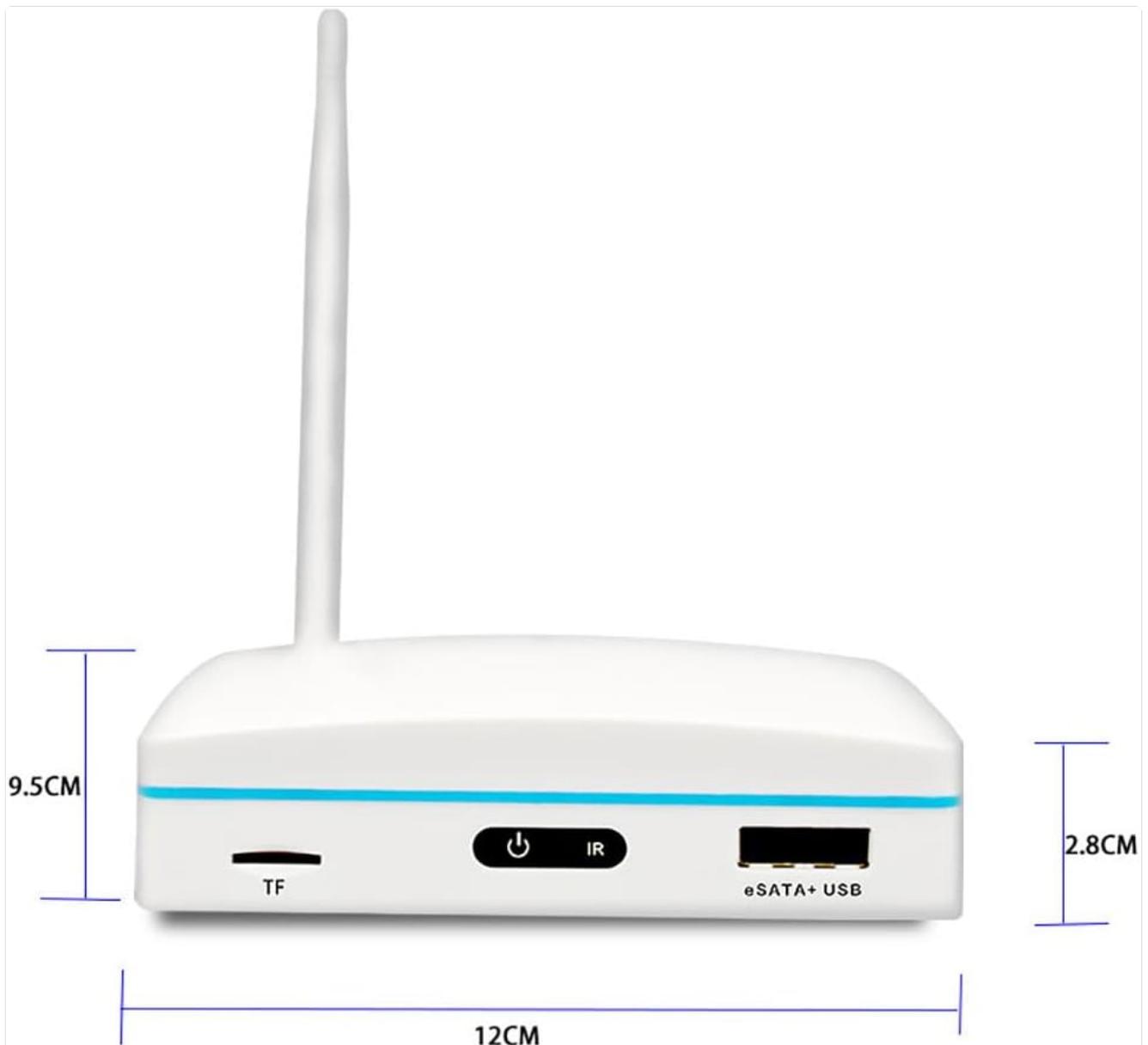
Figure 3.2: Rear panel of the NVR with VGA, HDMI, RJ45 (Ethernet), USB ports, and DC 5V power input. This NVR supports up to 256GB TF card or external hard drive for storage.

3.2 Camera Features

The included cameras are designed for outdoor use with IP66 waterproofing, ensuring durability in various weather conditions from -20°C to 50°C (-4°F to 122°F). They feature night vision capabilities for clear monitoring in low-light conditions.

4. Setup Guide

Follow these steps to set up your EVERSECU security system.

4.1 Initial Hardware Connection

1. **Connect the NVR:** Plug the NVR into a power outlet using the provided power adapter. Connect the NVR to a monitor (VGA or HDMI) and attach the USB mouse.
2. **Connect to Network (Optional but Recommended):** For remote viewing and updates, connect the NVR to your router using the supplied Ethernet cable.

3. **Power On Cameras:** Plug each camera into a power outlet using its respective power adapter. The cameras will automatically connect to the NVR's dedicated Wi-Fi network.

Figure 4.1: Connect the NVR to your network router for internet access and remote viewing capabilities.

4.2 Camera Installation

Mount the cameras in desired outdoor or indoor locations, ensuring they are within range of a power outlet. The cameras are pre-paired with the NVR for plug-and-play setup.

Figure 4.2: Example of an outdoor camera installation, providing surveillance for your property.

4.3 Remote Viewing Setup

To view your security feed remotely on your smartphone, tablet, or PC:

1. **Mobile App:** Download the free "XMEYE" app from Android Google Play or Apple APP Store. Register a new account and add your device ID. You can then view video via Wi-Fi or 2G/3G/4G networks.

2. **PC/Laptop:** For Windows users, use the CMS Software. For MAC users, use the MAC CMS Software. Contact EVERSECU for software download links.

Figure 4.3: View your camera feeds on various devices including smartphones, tablets, laptops, and monitors.

5. Operating Instructions

This section details the various operational features of your EVERSECU security system.

5.1 Recording and Storage

The NVR supports recording to a TF (microSD) card (up to 128GB) or an external hard drive (not included). Recording modes include continuous recording and motion detection recording.
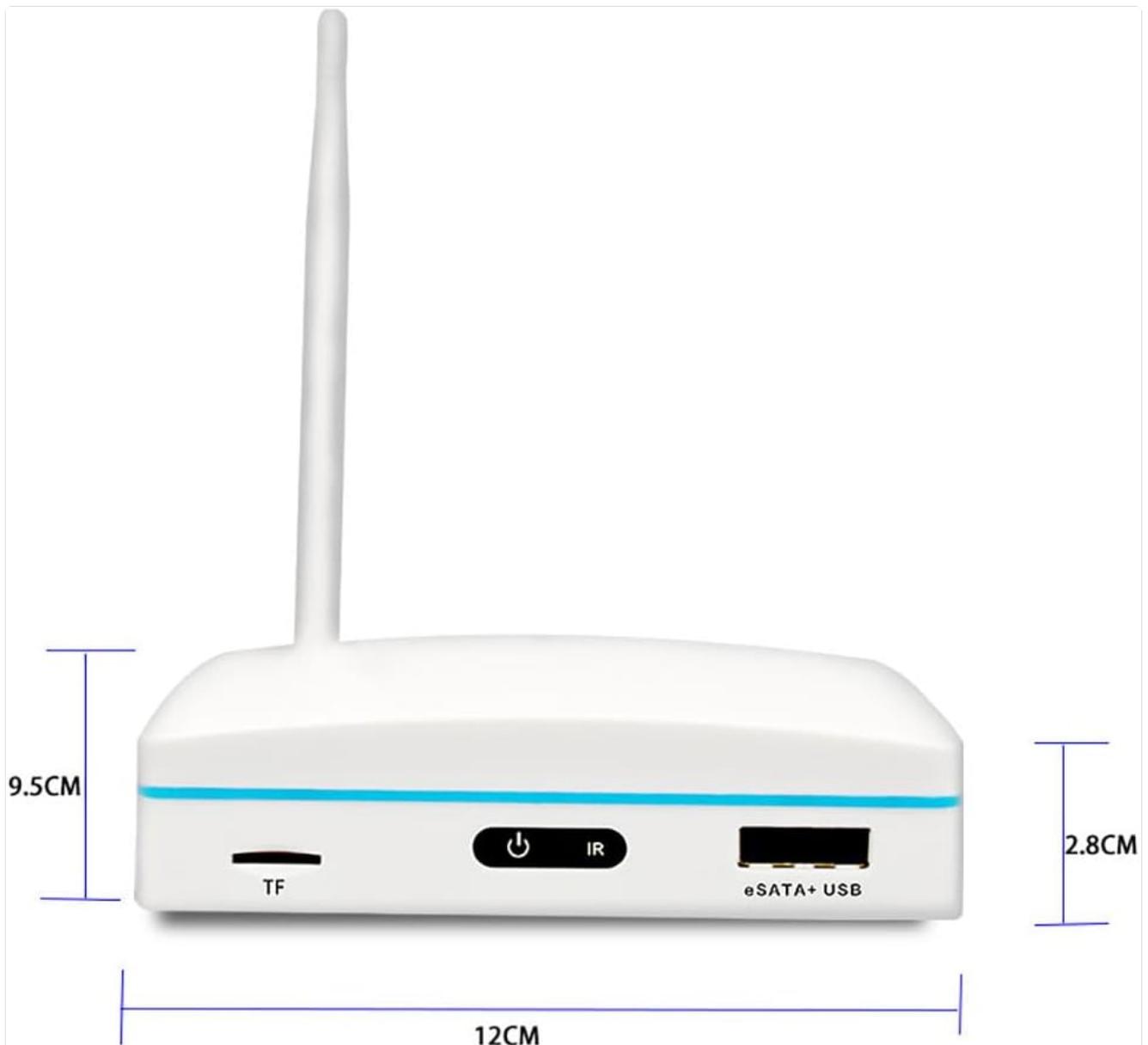
Figure 5.1: The NVR supports local storage via TF card or external hard drive for video recording.

5.2 Smart Detection Features

Leverage the intelligent detection capabilities of your system:

- **Face Capture/Record/Playback:** The system can capture faces detected by the cameras. Recorded videos can be organized and played back based on captured faces. You can also receive automatic notifications upon face detection.

- **Line Crossing/Intrusion Detection:** Define specific areas or lines in the camera's field of view. The system will instantly detect any motion crossing these lines or entering these areas and send immediate alerts to your smart device.

- **Motion Detection and Email Alerts:** Receive email alerts or app notifications upon general motion detection. Ensure proper setup to avoid excessive alerts.

Figure 5.2: The system's interface for face record, detection, and playback, allowing easy review of events.

Outdoor Waterproof Camera
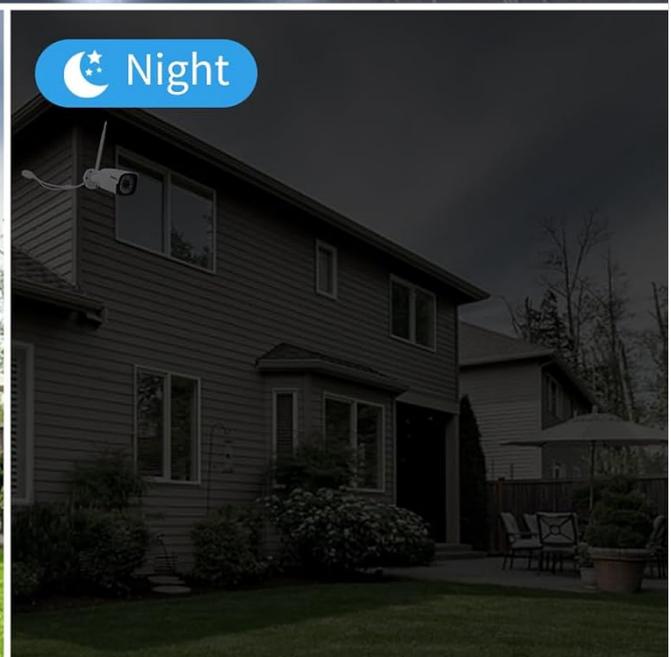
IP66 Waterproof
-20°C to 50°C(-4°F to122F)

Figure 5.3: Motion detection triggers alerts, which can be sent to your smartphone, providing real-time security updates.

5.3 Video Playback and Backup

The system supports sync-playback, allowing you to review recorded footage efficiently. You can also back up video files to external storage devices.

6. Maintenance

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

- **Cleaning:** Periodically clean the camera lenses with a soft, damp cloth to ensure clear image quality. Keep the NVR free from dust.
- **Storage Management:** Regularly check the storage capacity of your SD card or external HDD. Back up important footage and delete old files as needed to free up space.
- **Firmware Updates:** Check the EVERSECU website or contact support for any available firmware updates for

your NVR and cameras. Updates can improve performance and add new features.

7. Troubleshooting

If you encounter issues with your EVERSECU security system, refer to the following common troubleshooting tips:

- **No Video Display:** Ensure the NVR is powered on and connected correctly to the monitor via HDMI or VGA. Check camera power connections.
- **Cameras Not Connecting:** Verify cameras are powered on and within range of the NVR's Wi-Fi signal. If issues persist, try re-pairing cameras with the NVR (refer to advanced settings in the NVR interface).
- **Remote Viewing Issues:** Ensure the NVR is connected to the internet. Double-check your device ID and account credentials in the XMEYE app or CMS software. Confirm your network allows outbound connections for the NVR.
- **Recording Problems:** Check if an SD card or external HDD is properly installed and formatted. Verify storage capacity. Ensure recording schedules or motion detection settings are configured correctly.
- **Excessive Alerts:** Adjust the sensitivity of motion detection, line crossing, or intrusion detection settings in the NVR interface to reduce false alarms.

For more complex issues or technical support, please contact EVERSECU customer service.

8. Specifications

Feature	Specification
Brand	EVERSECU
Model Number	MINIK01
Connectivity Technology	Wi-Fi
Video Capture Resolution	1920p (2K)
Number of Channels	8 (NVR), 2 (included cameras)
Memory Storage Capacity	Supports Max 128GB SD Card or External HDD
Operating System	Linux
Compatible Devices	Smartphones, Cameras, Tablets
Night Vision Range	65 Feet
Frame Rate	30 fps
Recording Mode	Continuous Motion Detection
Power Source	AC/DC

Feature	Specification
Product Dimensions (NVR)	19 x 16 x 15 inches (packaging), NVR: 120mm*95mm*28mm
Item Weight	2.97 pounds
Country of Origin	China

9. Warranty and Support

EVERSECU provides customer support for its products. While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims. For technical assistance, software inquiries, or troubleshooting beyond this guide, please contact EVERSECU directly through their official channels or the retailer where you purchased the product.

For software downloads (CMS for Windows/MAC), please send an email to EVERSECU support as indicated in the product information.