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> Firstrend 5MP Wireless Security Camera System with 2TB Hard Drive User Manual

## firstrend FTUS-W845M2T-XM

# Firstrend 5MP Wireless Security Camera System User Manual

Model: FTUS-W845M2T-XM

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Firstrend 5MP Wireless Security Camera System. This system includes an 8-channel Network Video Recorder (NVR) with a 2TB hard drive and four 5MP wireless CCTV cameras, designed for both indoor and outdoor surveillance. Please read this manual thoroughly before using the product to ensure proper setup and functionality.



Image: The Firstrend 5MP Wireless Security Camera System, featuring the NVR unit and four wireless cameras.

## 2. SAFETY INFORMATION

- 
- Ensure all power connections are secure and use only the provided power adapters.
  - Do not expose the NVR or cameras to extreme temperatures, humidity, or direct water immersion (beyond IP66 rating for cameras).
  - Avoid placing the NVR in poorly ventilated areas to prevent overheating.
  - Handle the hard drive with care to prevent data loss.
  - Consult a qualified professional for complex installations or electrical work.

### **3. PACKAGE CONTENTS**

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Verify that all items listed below are included in your package:

# Package List



X1

NVR with built-in 2TB HDD



X4

Wireless IP Cameras



X4

Power Cords for Camera



X1

Power Cord for NVR



X1

USB Mouse



X1

User Manua



X1

3.3ft Network Cab



X4

Pack of Screws

Image: A visual representation of the package contents, including the NVR, cameras, power adapters, mouse, and cables.

- 1 x NVR with built-in 2TB Hard Drive
- 4 x Wireless IP Cameras
- 4 x Power Cords for Cameras
- 1 x Power Cord for NVR
- 1 x USB Mouse
- 1 x User Manual
- 1 x 3.3ft Network Cable

- 1 x Pack of Screws and Wall Plugs

## 4. SETUP

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### 4.1 NVR Connection

1. Connect the NVR to a monitor using an HDMI or VGA cable (not included).
2. Connect the USB mouse to one of the NVR's USB ports.
3. Connect the NVR to your router using the provided Ethernet cable for remote access.
4. Connect the NVR power adapter and plug it into an electrical outlet. The system will power on automatically.

### 4.2 Camera Installation

The cameras are IP66 waterproof, making them suitable for both indoor and outdoor use. Choose strategic locations that provide optimal coverage and are within range of a power outlet.

# IP66 Waterproof



Garage



Office



Factory



Cafe,

Image: An IP66 waterproof camera mounted on an exterior wall, suitable for various environments like garages, offices, factories, and cafes.

1. Mount each camera securely using the provided screws and wall plugs.
2. Connect each camera to its respective power adapter and plug into an electrical outlet.
3. The cameras are pre-paired with the NVR. They should automatically connect once powered on. If a camera does not connect, refer to the troubleshooting section for manual pairing instructions.

## 5. OPERATING THE SYSTEM

## 5.1 Live View and Multi-Channel Display

Once the NVR and cameras are set up, you can view live footage on your connected monitor. The system supports viewing all cameras simultaneously on one screen.

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Video: An overview of the Firstrend Wireless Security Camera System, demonstrating features like remote view, IP66 waterproofing, auto night vision, sensitive motion detection, and multi-camera display.

# Remote Monitoring and Playback



Image: Remote monitoring and playback across various devices, including mobile phones, tablets, and computers.

## 5.2 Recording Modes

The NVR supports various recording modes:

- **Manual:** Start/stop recording manually.
- **Time:** Schedule continuous recording for specific periods.
- **Motion:** Records only when motion is detected, saving storage space.
- **Alarm:** Records when an alarm event is triggered.

## 5.3 Playback Recorded Footage

To view recorded videos, right-click on the NVR interface, select "Video Playback," choose the desired channel(s) and time frame, then click search to find and play recordings.

## 5.4 Remote Access (Mobile App & PC Software)

The system offers complimentary mobile and PC applications for remote viewing. Download the recommended app (e.g., XMEye Pro) on your smartphone or tablet, or the CMS software for your computer. Register an account and scan the QR code on your NVR to link your system. This allows you to view live streams, receive motion alarms, and play back recordings from anywhere.

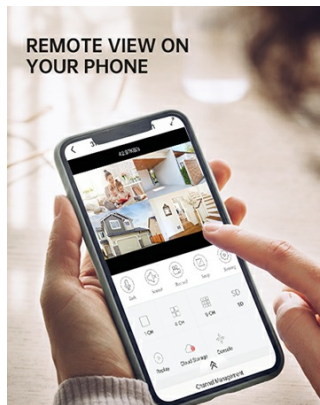


Image: Remote viewing of camera feeds on a mobile phone.

## 5.5 Motion and Face Detection

The system features upgraded human face detection for more accurate alerts, reducing false alarms from general motion. Configure these settings in the NVR menu to receive push notifications or email alerts when activity is detected.

# Motion / Face Detection & Alerts



Image: Motion and face detection in action, triggering alerts on a mobile device.

## 5.6 Two-Way Audio

The cameras are equipped with two-way audio, allowing you to hear audio from the camera's location and speak back through the mobile app or NVR interface.

# Smart One-Way Audio



Image: A smartphone displaying a live camera feed with audio controls, indicating smart one-way audio functionality.

## 5.7 5MP Ultra HD Day & Night Vision

The 5MP cameras provide ultra-clear picture quality during the day and are equipped with IR lights for clear night vision up to 65 feet, capturing more details in both conditions.

# 5MP Ultra HD



Image: A comparison demonstrating the superior detail captured by 5MP Ultra HD resolution compared to 3MP.

# 5MP Crystal Clear Night Vision



**65FT**  
Night Vision

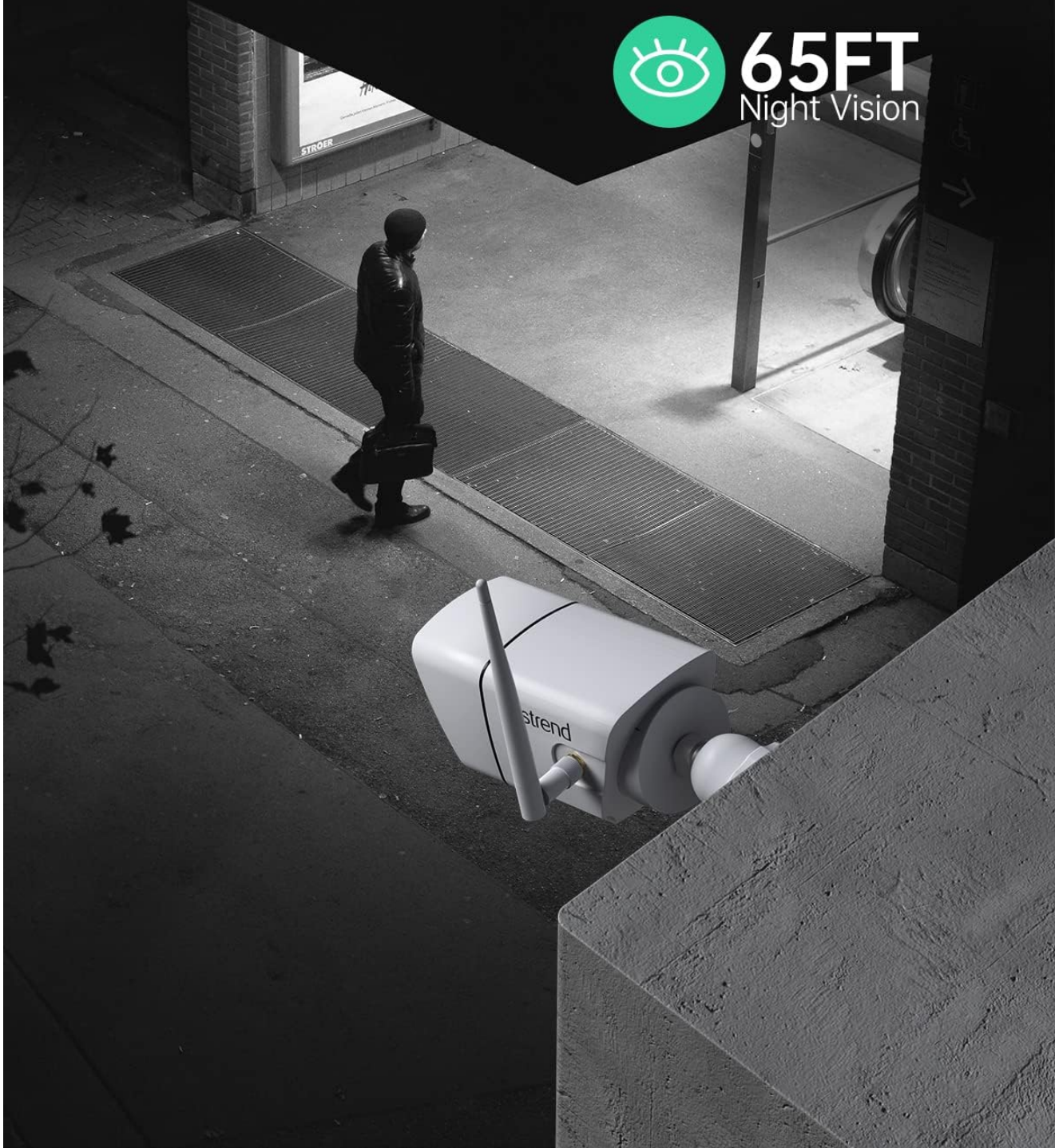


Image: A Firstrend security camera providing clear night vision up to 65 feet.

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Video: Demonstration of the camera's day and night vision capabilities.

## 5.8 Video Backup

To back up recorded video, ensure you have a USB 2.0 storage device formatted to FAT32. Right-click on the NVR interface, select "Video backup," choose the desired channels and time frame, then click "Search." Select the specific files and click "Backup." Remove the mouse and insert the USB storage device within one minute for the backup process to

begin.

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Video: Instructions on how to back up recorded video from the NVR to a USB storage device.

## 6. MAINTENANCE

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- **Hard Drive Management:** Regularly check the NVR's storage status. The 2TB hard drive provides ample space, but consider backing up important footage and managing older recordings to ensure continuous recording capacity.
- **Camera Cleaning:** Periodically clean the camera lenses with a soft, dry cloth to ensure clear image quality, especially for outdoor cameras exposed to dust and weather.
- **Firmware Updates:** Check the manufacturer's website for any available firmware updates for the NVR and cameras. Updates can improve performance, add features, and enhance security.

## 7. TROUBLESHOOTING

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Issue	Possible Solution
Camera not connecting to NVR	Ensure the camera is powered on and within range. If issues persist, manually pair the camera through the NVR menu (refer to the NVR's on-screen instructions for pairing).
No video output on monitor	Check HDMI/VGA cable connections. Ensure the monitor is set to the correct input source. Verify NVR power.
Remote viewing not working	Ensure the NVR is connected to the internet via Ethernet. Check router settings for proper port forwarding if necessary. Verify mobile app/PC software is correctly configured and logged in.
Video backup issues	Ensure USB storage is FAT32 formatted. Try a different USB 2.0 drive. Ensure the USB drive is inserted within one minute after initiating backup.
Inconsistent video quality/frame rate	Check camera placement for optimal signal strength. Ensure no obstructions are interfering with wireless signals. Adjust camera settings for resolution and frame rate if available.
Mobile app displays ads	Some third-party apps may include advertisements. Ensure you are using the official recommended app (e.g., XMEye Pro) and check for any premium versions that remove ads.

## 8. SPECIFICATIONS

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- **Brand:** firstrend
- **Model Number:** FTUS-W845M2T-XM
- **Connectivity Technology:** Wireless
- **Video Capture Resolution:** 5MP (2560x1920p)
- **Number of Channels:** 8 (NVR supports up to 8 cameras)
- **Memory Storage Capacity:** 2 TB Hard Drive
- **Compatible Devices:** Smartphones, Tablets, PCs
- **Signal Format:** Digital
- **Night Vision:** Up to 65 ft (IR lights)

- **Recording Mode:** Manual, Time, Motion Detection, Alarm
- **Video Input:** BNC, RJ45 (for NVR)
- **Camera Features:** Two-Way Audio, IP66 Waterproof, Face Detection, Motion Detection
- **Item Dimensions:** 13.2 x 5.1 x 11.8 inches (NVR)

## 9. WARRANTY AND SUPPORT

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Firstrend is committed to customer satisfaction. Your product includes:

- **60-Day Return Policy:** For hassle-free returns.
- **1-Year Assurance:** Covers replacement of any broken parts during the assurance period.

For any questions or technical assistance, please do not hesitate to contact Firstrend customer service. We aim to reply within 24 hours.

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Video: A general overview of the Firstrend Wireless Security Camera System for Home & Business, highlighting its features and applications.