

DIHOOM YS-XM05-US5004-1TB

DIHOOM 2K Wireless Security Camera System Instruction Manual

Model: YS-XM05-US5004-1TB

1. PRODUCT OVERVIEW

1.1 Package Contents

The DIHOOM 2K Wireless Security Camera System includes the following components:

- 4x 2K Wireless Security Cameras
- 1x 5MP WiFi NVR (Network Video Recorder)
- 1x 12V 2A Adapter for NVR
- 4x 12V 1A Adapters for Cameras
- 1x 1TB Hard Drive (Pre-installed in NVR)
- 1x Mouse
- 1x Ethernet Cable
- 4x Warning Labels
- Screws and Waterproof Lids
- User Manual

Packing List



8 Channels NVR



4x 3MP Spotlight Cameras



1x 2A Adapter for NVR



Mouse / Ethernet Cable



4x 1A Adapters for Cameras



1TB Hard Drive
(Pre-installed)



User Manual



Screws / 4x Warning Labels



Package

Image: All components included in the DIHOO 2K Wireless Security Camera System package, neatly arranged.

1.2 Key Features

This security camera system offers advanced features for comprehensive home surveillance:

- **Human/Facial Detection Alerts:** The system can classify moving types (human, vehicle) and push notifications, reducing false alarms. It also supports facial recognition for quick video playback.
- **Smarter Activated Floodlight & Two-Way Audio:** Motion-activated spotlights and sirens deter intruders. Two-way audio allows communication through the app.
- **Smooth 2K Ultra-HD:** Provides 2304x1296P resolution for clear images and videos, with a 100° viewing angle.
- **Plug & Play Wireless System:** Easy installation with automatic pairing between cameras and NVR. No network required for local viewing.
- **Remotely Control and Warranty:** Access live view and playback via the XMEye Pro App or VMS software without subscription. Lifetime technical support is provided.
- **Important Note:** The system is not 100% wire-free. Cameras and NVR require power adapters. Remote access requires the NVR to be connected to a router via Ethernet.



COLOR NIGHT VISION

See and records colorful video even at nighttime conditions.



FACE DETECTION

Detect human face and generate facial images of all visitors



2 WAY AUDIO

Records conversation, hear and talk back.



H.265+ COMPRESSION

Save storage and bandwidth using smart Codec technology

Image: Icons representing key features: 2K resolution, Motion Detection, Night Vision, Smart Alerts, 2-Way Talk, and Remote Viewing.

1.3 Technical Specifications

Specification	Detail
Brand	DIHOOM
Model Number	YS-XM05-US5004-1TB
Connectivity Technology	Wireless
Video Capture Resolution	2K (2304x1296P)
Special Features	Motion Sensor, Night Vision, Face Detect, 2-Way Audio
Number of Channels	8 (4 cameras included, expandable to 8)
Memory Storage Capacity	1 TB (Pre-installed HDD)
Power Source	Corded Electric
Item Dimensions L x W x H	15 x 8 x 11 inches
Operating System Compatibility	Android, iOS (for mobile app)
Recommended Uses	Surveillance
Viewing Angle	100 Degrees
Low Light Technology	Color Night Vision

2. SYSTEM SETUP

2.1 Connection Diagram

The DIHOOM wireless security camera system is designed for easy plug-and-play setup. Refer to the diagram below for typical connections.

Plug & Play, Simple Connection

Connect to Home router and mobile access in seconds.



Add 4 MORE DIHOOM Wireless Camera

Each camera will pick up audio and videos, and transfers to NVR wirelessly.



Image: A diagram illustrating the connections for the DIHOOM security system, showing the NVR connected to a monitor, mouse, power, and an Ethernet cable to a router. Four wireless cameras are shown connecting to the NVR, and a smartphone is shown accessing the system remotely via Wi-Fi.

2.2 Initial Setup Steps

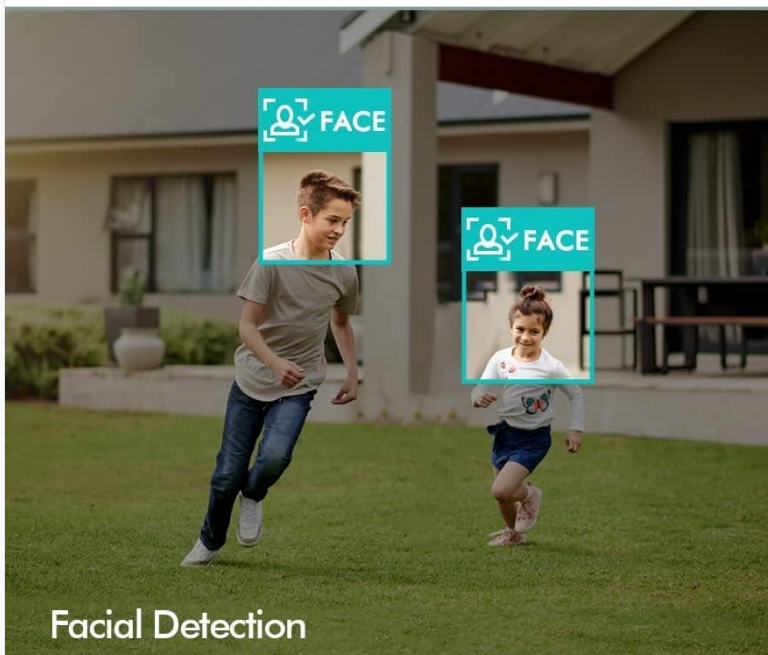
1. **Connect NVR to Monitor:** Use a VGA or HDMI cable to connect the NVR to a monitor or TV.
2. **Power on NVR:** Connect the 12V 2A DC power adapter to the NVR and plug it into a power outlet.
3. **Connect Mouse:** Plug the included mouse into a USB port on the NVR.
4. **Power on Cameras:** Connect each camera to its respective 12V 1A DC power adapter and plug them into power outlets. The cameras will automatically pair with the NVR.
5. **Remote Access (Optional but Recommended):** For remote viewing via the mobile app, connect the NVR to your home router using the provided Ethernet cable.

Video: A step-by-step guide on how to set up the DIHOOM wireless security camera system, including unboxing, connecting the NVR to a monitor, powering on the NVR and cameras, and connecting the mouse.

3. SYSTEM OPERATION

3.1 Smart Motion and Facial Detection

The DIHOOM system utilizes advanced AI technology for intelligent detection. It can differentiate between human and vehicle movements, significantly reducing false alarms from environmental factors like moving branches or animals. The facial detection feature allows for quick searching and playback of recorded video based on detected faces.



Smart Motion Detection



Receive only the alerts you need, with advanced human, vehicle, face and intrusion detection feature.

SET MOTION ZONES

ADJUST SENSITIVITY

Detect What Matters

✓ HUMAN

✗ LEAVES

✓ FACE

✗ SQUIRRELS

✗ RAINDROPS

✗ SHADOWS



Image: Illustrates the smart motion detection capabilities, showing human and facial detection in action, distinguishing them from irrelevant movements like leaves or shadows. A phone notification for human detection is also shown.

Face Recognition for Quick Playback

2K security system allows you to search and authenticate the identity of individual based on facial similarities.



Image: Shows a family watching a monitor displaying live camera feeds, with a sidebar showing detected faces for quick playback and identification.

3.2 Two-Way Audio

Each camera is equipped with a built-in speaker and microphone, enabling clear two-way audio communication. This allows you to hear sounds from the camera's location and speak through the camera using the mobile application, facilitating interaction with visitors or deterring unwanted individuals.

Clear 2-Way Audio

Built in upgraded speaker and microphone, allows see, hear and talk back over phone anytime.



Image: Depicts the two-way audio functionality, showing a user interacting with a delivery person via the camera and mobile app.

3.3 Activated Spotlight and Siren

When motion is detected, the outdoor Wi-Fi security cameras can activate bright spotlights and loud sirens. This feature serves as an effective deterrent against potential intruders, while also sending notifications to your device and recording clear color videos, even at night.

Spotlight Light Up Your Colorful Night



Spotlight



Settings

Image: Shows a camera with an activated spotlight illuminating a car at night, demonstrating the color night vision capability.

Deter for Unwanted Guests

Light-up Yard for Family



Image: Illustrates how the system deters unwanted guests using spotlight, smart siren, and two-way audio when an intruder is detected in a monitored area.

3.4 Remote Access and Monitoring

Access your security system remotely from anywhere using the free XMEye Pro App on your smartphone (iOS/Android) or VMS software on your computer (Windows/Mac). This allows you to view live feeds, play back recordings, receive instant alerts, and customize settings.

Plug & Play, Simple Connection

Connect to Home router and mobile access in seconds.



Watch What Your Love
Anytime Anywhere

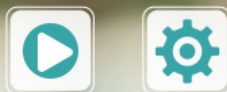


Image: Shows the NVR connected to a router and a camera, with a smartphone displaying the live camera feed, emphasizing remote access capabilities.

3.5 Customizing Monitoring Areas

You can define specific monitoring areas within the camera settings to focus detection on critical zones and minimize false alarms. This allows the camera to ignore detection in unselected areas.

Personalize Alarm Area & Siren Warnings

Setup your truly-needed **monitoring area** in the camera settings to reduce the false alarms and customize siren alarms to deter unwanted guests. Connect the NVR to your home TV, and you will be **informed by alarms in advance** when someone goes into monitoring area.



Image: A screen capture showing how to personalize an alarm area on a monitor connected to the NVR, highlighting a specific zone for detection.

3.6 System Expandability

The 8-channel NVR allows you to add up to 4 more cameras to the existing 4 included cameras, providing expanded surveillance coverage for your property.



Expandable to 8 Wireless Cameras

Guard Your Home in All Aspects



Image: An illustration showing a house with four installed cameras and the NVR, indicating the possibility to add four more cameras for a total of eight channels.

4. MAINTENANCE

4.1 Hard Drive Management

The NVR comes with a pre-installed 1TB hard drive, capable of storing months of video footage. The advanced H.265+ compression technology ensures efficient storage utilization and a smoother viewing experience.

4.2 Environmental Considerations

The cameras are designed to operate across a wide range of temperatures, from -10°C (14°F) to 55°C (131°F), making them suitable for various indoor and outdoor environments.



Image: Displays the operating temperature range (-10°C/14°F to 55°C/131°F) and various suitable environments for camera installation, including outdoor, indoor, office, and store settings.

5. TROUBLESHOOTING

5.1 Wireless vs. Wired Power

It is important to clarify that while the cameras transmit video and audio wirelessly to the NVR, the system is **not 100% wire-free**. Both the cameras and the NVR require continuous power supply via their respective DC adapters. Ensure all components are properly plugged into power outlets for continuous operation.

5.2 Remote Access Issues

If you experience issues with remote access via the mobile app, ensure the NVR is connected to your home router using an Ethernet cable. Verify your internet connection is stable and that the XMEye Pro App is updated to the latest version.

5.3 General Connectivity

If cameras lose connection to the NVR, try the following:

- Ensure cameras are within the NVR's wireless range.
- Check that all power adapters are securely connected.
- Restart the NVR and cameras.
- If issues persist, refer to the detailed troubleshooting section in the full user manual or contact support.

6. WARRANTY AND SUPPORT

DIHOOM provides professional lifetime technical support for this product. If you encounter any issues or have questions, please do not hesitate to contact us via e-mail or through Amazon's messaging system. We are

committed to assisting you promptly.