

QttyElok V7024BM6

QttyElok V7024BM6 7-inch WiFi IP Video Intercom System

User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your QttyElok V7024BM6 7-inch WiFi IP Video Intercom System. This system includes a 7-inch AHD 1080P touchscreen indoor monitor and an outdoor doorbell camera, designed to enhance your home security and communication. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- Ensure all power is disconnected before performing any installation or wiring.
- Installation should be performed by qualified personnel if you are unsure about electrical wiring.
- Do not expose the outdoor camera to extreme temperatures outside its operating range (-30°C to 60°C).
- Keep the indoor monitor away from water and high humidity.
- Use only the provided power adapter.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

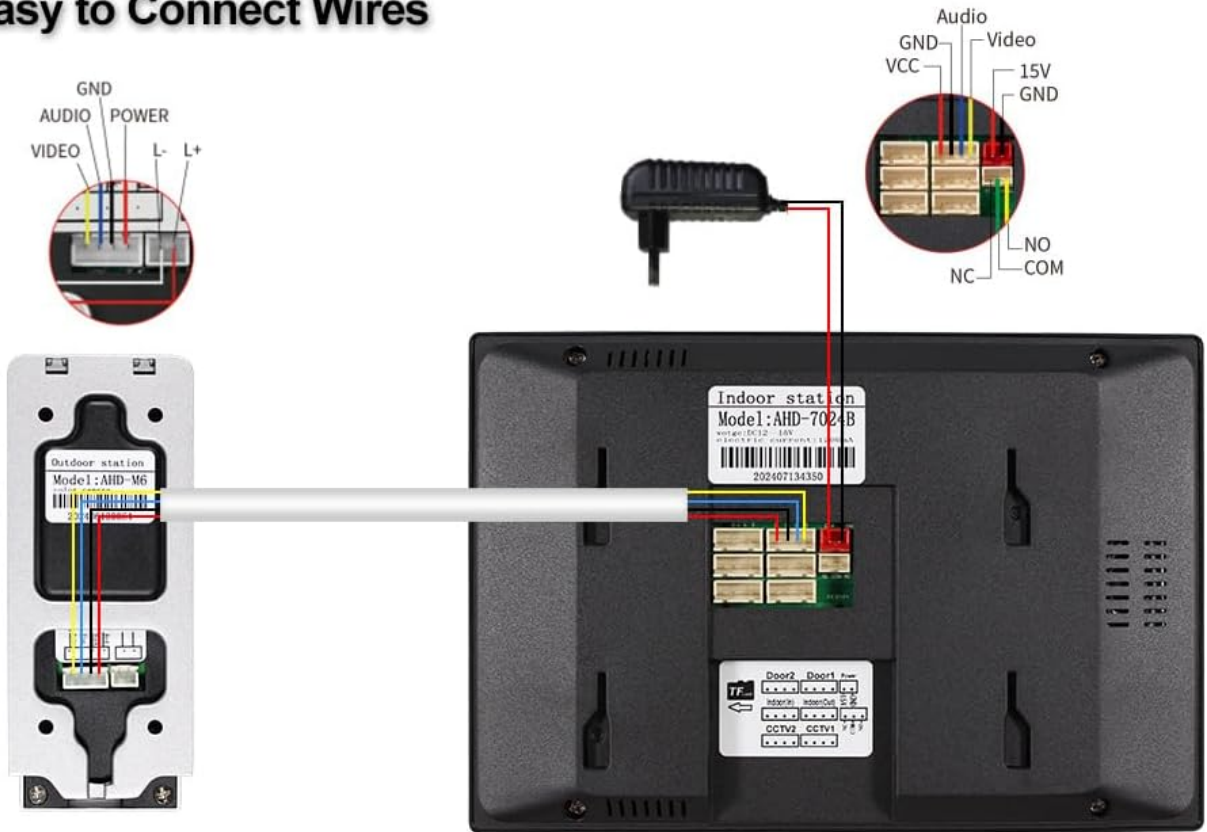
- 7-inch Indoor Monitor
- Outdoor Doorbell Camera
- Power Adapter (for Indoor Monitor)
- Mounting Screws and Anchors
- Wiring Cables (4-wire cable)

4. SETUP AND INSTALLATION

4.1 Wiring Diagram

The system uses a 4-wire connection between the indoor monitor and the outdoor camera. Ensure correct polarity and secure connections.

Easy to Connect Wires



Easy to Connect to App

Latest: Easy and Fast

Other: Complicated



Image: Wiring diagram illustrating the connection points for the indoor monitor, outdoor camera, and power supply. The diagram shows color-coded wires (GND, Audio, Video, Power) for the outdoor unit and corresponding terminals on the indoor monitor, along with the power adapter connection.

The maximum distance between the monitor and doorbell can be extended up to 100 meters using RVV4 (4-wire), Cat5, or Cat6 cable.

4.2 Indoor Monitor Installation

The indoor monitor is designed for wall-mount installation. Choose a suitable location indoors, away from direct

sunlight and heat sources. Secure the mounting bracket to the wall and then attach the monitor.

4.3 Outdoor Camera Installation

The outdoor camera is designed for surface-mount installation. Install it at a height that allows for optimal viewing of visitors. The camera has a 120° wide-angle lens. Ensure it is protected from direct heavy rain, although it is designed to be waterproof and dustproof.

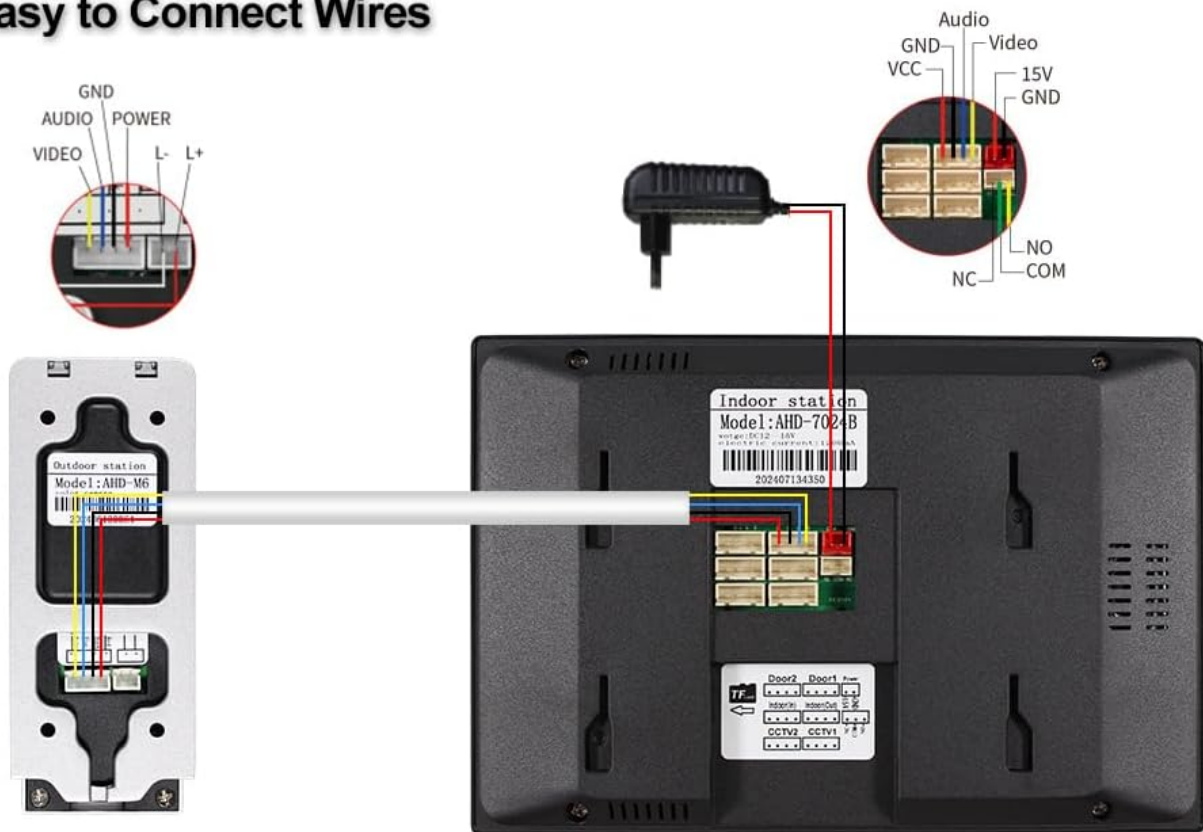


Image: Detailed views of the indoor monitor (front and back) and the outdoor camera (front, side, and back). The images highlight the physical design, connection points, and mounting features of both units.

4.4 App Connection (Tuya Smart)

The indoor monitor supports 2.4G Wi-Fi connectivity. Download the "Tuya Smart" application on your smartphone. Follow the on-screen instructions on the monitor to pair it with the app. This enables remote access features.

Easy to Connect Wires



Easy to Connect to App

Latest: Easy and Fast

Other: Complicated



Image: A visual comparison showing an easy method of connecting the indoor monitor to a smartphone app via a QR code, contrasted with a more complicated, less intuitive method.

5. OPERATING INSTRUCTIONS

5.1 Indoor Monitor Functions

The 7-inch IPS touchscreen monitor provides intuitive control. Key functions include:

- **Intercom:** Two-way audio communication with visitors.
- **Monitoring:** View live feed from the outdoor camera.
- **Unlocking:** Remotely unlock connected doors.
- **Recording:** Capture photos and videos of visitors.
- **Playback:** Review recorded media.

The monitor supports 10 languages, including English, Chinese, Russian, French, German, Arabic, Portuguese, Spanish, Italian, and Polish. You can change the language setting through the monitor's configuration menu.

7inch AHD 1080P Clear Image

10 Language Setting:

Chinese, English, Russian, Deutsch, Français, Español, Italiano, Arabic, Portuguese, Polish.

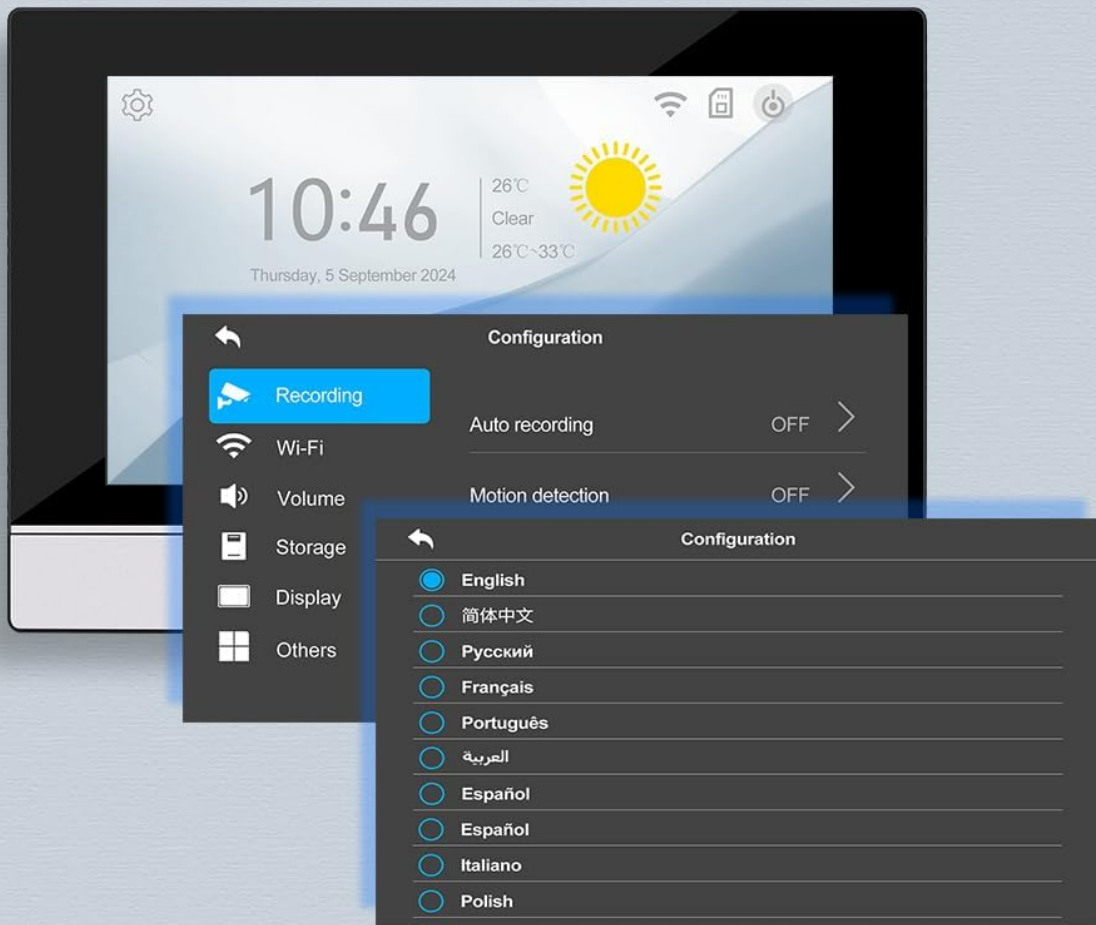


Image: A screenshot of the 7-inch indoor monitor's display, showing the main interface with time and weather, and an overlay of the configuration menu highlighting language selection options.

5.2 Two-way Intercom and Remote Unlocking

When a visitor presses the doorbell, the indoor monitor will ring, and you can see and speak with the visitor. You can also remotely unlock the door directly from the monitor.

Two-way Intercom and Unlocking Through Indoor Monitor / Phone APP

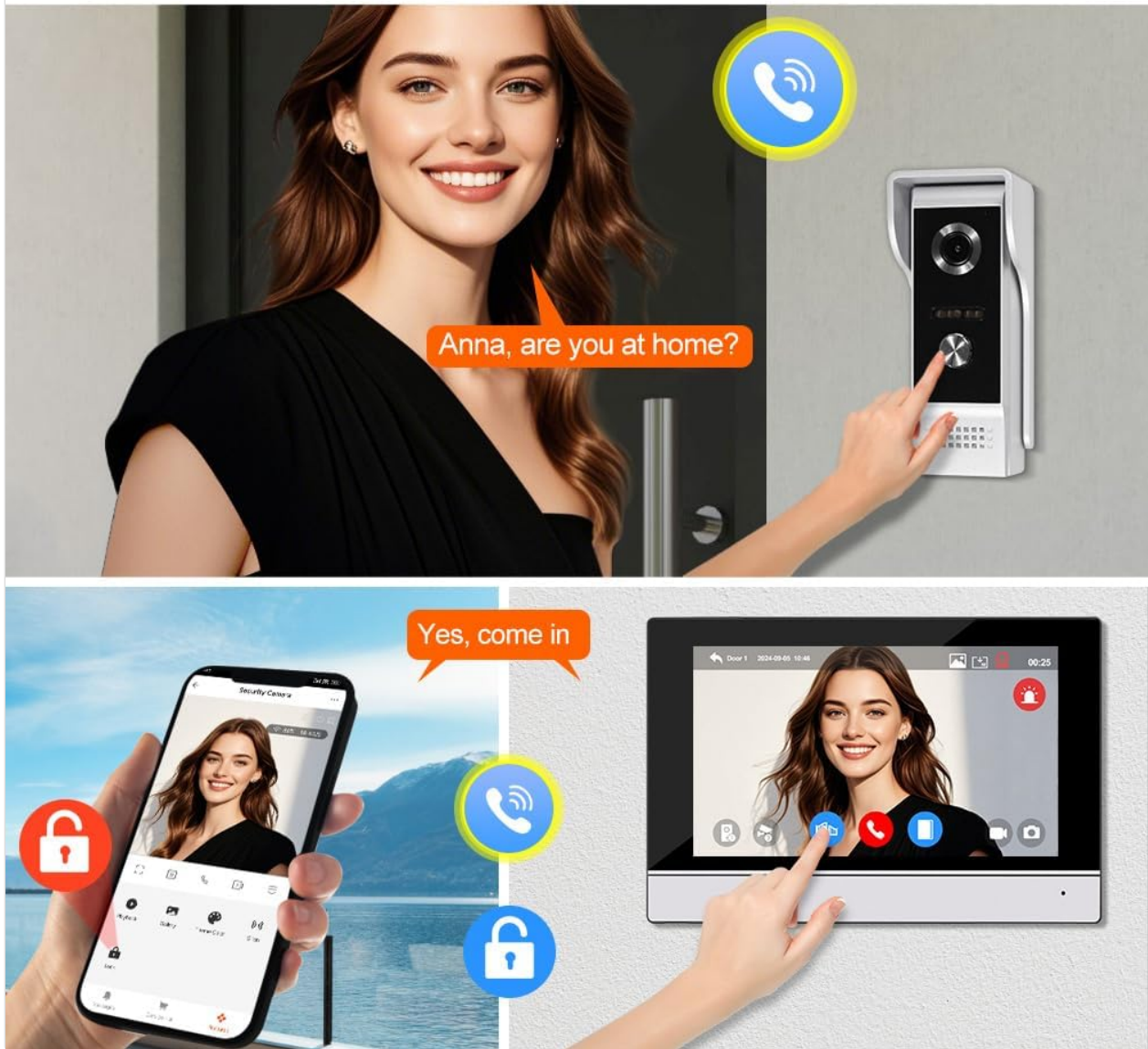


Image: A visual representation of the two-way intercom functionality, showing a person at the outdoor doorbell speaking to someone inside via the indoor monitor, and also demonstrating remote unlocking via a smartphone app.

5.3 Photo/Video Recording and Playback

The system has a built-in 6MB memory and supports up to a 128GB TF card (not included) for expanded storage. It can automatically record photos or videos when motion is detected or when the doorbell is pressed. You can review these recordings at any time through the monitor's media menu.

Photo / Video Recording and Playback

Built-in 6MB Storage, max Support 128G TF Card

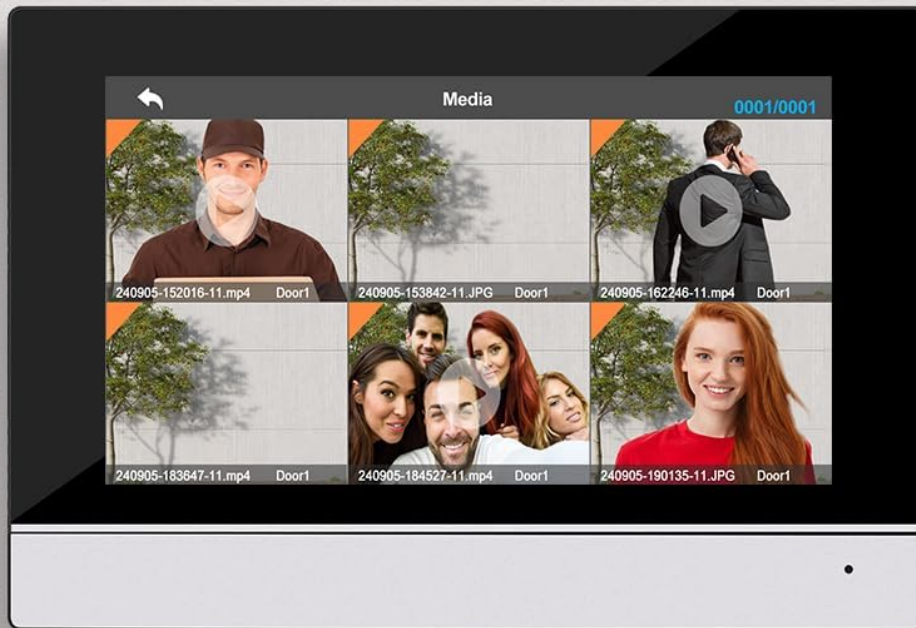


Image: The indoor monitor screen displaying a gallery of recorded photos and videos, indicating the system's ability to store and play back media. A decorative filmstrip graphic is shown below the monitor.

5.4 Motion Detection

The outdoor camera features motion detection. When motion is detected, the system can automatically trigger recording and send notifications to your linked Tuya Smart app. You can adjust the detection range in the settings.

5.5 Night Vision

The outdoor camera is equipped with IR night vision, providing clear visibility up to 3 meters in low-light conditions. The 2MP camera ensures 1080P AHD resolution for both day and night viewing.



Image: A split image demonstrating the outdoor camera's capabilities, showing a clear daytime view on one side and an equally clear infrared night vision view on the other, highlighting the 1080P AHD IR Night Vision feature.

5.6 Tuya Smart App Integration

With the Tuya Smart app, you can:

- Receive real-time notifications when the doorbell is pressed or motion is detected.
- View live video feed from the outdoor camera.
- Engage in two-way audio communication with visitors from anywhere.
- Remotely unlock your door.
- Review recorded photos and videos.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the monitor screen and camera lens. Avoid abrasive cleaners.
- **Software Updates:** Periodically check for firmware updates through the Tuya Smart app or the monitor's settings to ensure optimal performance and security.
- **Cable Inspection:** Regularly inspect all wiring for any signs of damage or wear.

7. TROUBLESHOOTING

7.1 No Power to Indoor Monitor

- Check if the power adapter is securely plugged into both the monitor and a working power outlet.
- Ensure the power outlet is functional.

7.2 No Video from Outdoor Camera

- Verify that the 4-wire cable connecting the outdoor camera to the indoor monitor is correctly and securely connected at both ends.
- Check for any damage to the cable.

7.3 Cannot Connect to Tuya Smart App

- Ensure your home Wi-Fi network is 2.4GHz. The system does not support 5GHz Wi-Fi.
- Check that your Wi-Fi signal strength is adequate at the monitor's location.
- Restart your Wi-Fi router and the indoor monitor.
- Follow the app pairing instructions carefully, ensuring the monitor is in pairing mode.

7.4 Poor Audio Quality

- Ensure there are no obstructions near the microphone or speaker on either unit.
- Check for strong electromagnetic interference nearby.

8. TECHNICAL SPECIFICATIONS

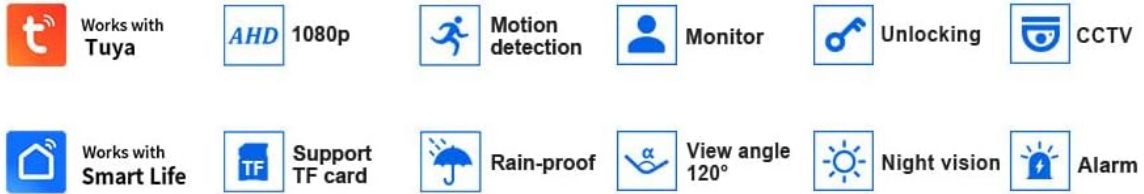


Image: A comprehensive diagram illustrating the dimensions of both the indoor monitor and the outdoor camera, along with a visual summary of key features such as Tuya Smart compatibility, AHD 1080p, motion detection, monitoring, unlocking, CCTV support, TF card support, rain-proof design, 120° view angle, night vision, and alarm functions.

Feature	Specification
Brand	QttyElok
Model Number	V7024BM6
Connectivity Protocol	Wi-Fi (2.4G only)
Special Features	Motion Sensor, Two-way Audio, Local Recording, Night Vision, HD Resolution
Indoor Monitor Display	7-inch IPS Touchscreen
Indoor Monitor Resolution	1024*600
Indoor Monitor Power	DC 15V/1.2A (Standby: ≤3W; Operating: ≤10W)
Indoor Monitor Dimensions	195 x 132 x 18 mm (7.67 x 5.19 x 0.71 inches)
Outdoor Camera Material	Aluminum Alloy
Outdoor Camera Angle of View	120°

Feature	Specification
Outdoor Camera Resolution	2.0MP (1080P AHD)
Night Vision Distance	0.2 - 3 meters
Outdoor Camera Power	Powered by monitor (Standby: <2W; Operating: <5W)
Outdoor Camera Dimensions	125 x 52 x 45 mm (4.92 x 2.05 x 1.77 inches)
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Storage	Built-in 6MB, supports up to 128GB TF card (not included)
System Expansion	Max. 4 indoor units + 2 outdoor units + 2 CCTV cameras (2MP 1080P AHD only)
Languages Supported	Chinese, English, German, French, Italian, Spanish, Portuguese, Arabic, Russian, Polish

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your purchase receipt as proof of purchase.