

Amcrest IP2M-841W-V3

Amcrest 1080p WiFi Pan/Tilt Home Security Camera IP2M-841W-V3 Instruction Manual

Model: IP2M-841W-V3 | Brand: Amcrest

1. INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, and maintaining your Amcrest 1080p WiFi Pan/Tilt Home Security Camera (IP2M-841W-V3). This indoor camera offers advanced features including 1080p Full HD resolution, 360° pan and 90° tilt capabilities, auto-tracking, motion and audio detection, two-way talk, and privacy mode. Ensure you read through all sections to maximize your camera's performance and ensure proper usage.



Figure 1.1: Amcrest 1080p WiFi Pan/Tilt Home Security Camera (IP2M-841W-V3)

2. WHAT'S IN THE BOX

Upon unboxing your Amcrest IP2M-841W-V3 camera, you should find the following items:

- Amcrest 1080p WiFi Pan/Tilt Camera
- Power Adapter (USB-A to Micro-USB cable and wall plug)
- Mounting Bracket with screws
- Quick Setup Guide
- Warranty Card



Figure 2.1: Contents of the Amcrest IP2M-841W-V3 package.

3. PRODUCT FEATURES

The Amcrest IP2M-841W-V3 camera is equipped with a range of features designed for comprehensive home security:

- **1080p Full HD Resolution:** Captures clear and detailed video footage.
- **Pan & Tilt:** Offers 360° horizontal pan and 90° vertical tilt for wide area coverage.
- **Auto-Tracking:** Automatically detects and follows moving objects within its field of view.
- **Motion & Audio Detection:** Sends alerts to your smartphone upon detecting movement or sound.
- **Privacy Mode:** Allows you to temporarily disable video, audio, and recording features for privacy.
- **Two-Way Talk:** Built-in microphone and speaker enable real-time communication.
- **Night Vision:** Provides clear black and white video in low-light conditions up to 32 feet.
- **Flexible Storage:** Supports MicroSD card (up to 256GB, not included), Amcrest Cloud, NVR, or FTP for video storage.
- **Enhanced Browser Compatibility:** Access live view and settings via web browser.



Figure 3.1: Overview of Amcrest IP2M-841W-V3 key features.

4. SETUP

Follow these steps to set up your Amcrest IP2M-841W-V3 camera:

1. **Power On:** Connect the camera to a power outlet using the provided USB cable and power adapter. The camera will begin its initialization sequence.
2. **Download App:** Download the 'Amcrest Smart Home' app from the Apple App Store or Google Play Store.
3. **Create Account:** Open the app and create a new user account or log in if you already have one.
4. **Add Device:** In the app, tap the '+' icon to add a new device. Select 'WiFi Camera' as the device type.
5. **Scan QR Code:** The app will prompt you to scan the QR code located on the bottom of your camera. Ensure the camera's indicator light is blinking green.
6. **Wi-Fi Configuration:** Follow the on-screen prompts to connect your camera to your 2.4GHz Wi-Fi network. Ensure your smartphone is connected to the same 2.4GHz network during setup.
7. **Set Password:** Create a secure password for your camera when prompted.
8. **Live View:** Once connected, you can access the live view and control your camera through the app.

Your browser does not support the video tag.

Video 4.1: Step-by-step guide for WiFi Mobile App Setup for Amcrest ProHD 2MP PTZ WiFi IP Camera (IP2M-841B).



Auto Tracking

When enabled, the camera will begin to automatically record and follow the object in motion using the built-in pan and tilt feature.



Figure 4.2: Rear view of the camera showing MicroSD card slot, Ethernet port, and power input.

5. OPERATING THE CAMERA

The Amcrest Smart Home app provides full control over your camera's functions:

- **Pan & Tilt Control:** Use the on-screen joystick or swipe gestures in the live view to remotely adjust the camera's horizontal (pan) and vertical (tilt) angles.
- **Auto-Tracking:** Enable this feature in the app settings to allow the camera to automatically follow detected motion.
- **Two-Way Talk:** Tap the microphone icon to speak through the camera's speaker, and tap the speaker icon to listen to audio from the camera's environment.
- **Privacy Mode:** Activate privacy mode to temporarily disable the camera's live view, audio, and recording functions.
- **Motion & Audio Detection:** Configure detection zones and sensitivity levels in the app settings to receive customized alerts.



90°

Wide Viewing Angle

Cover more ground with an extra-wide 90° viewing angle to keep more of what matters to you safe.

Figure 5.1: Auto-tracking feature in action.

Talk & Listen with Two-Way Audio

Broadcast crystal clear audio using the powerful embedded speaker, and listen in on what's important with an integrated noise-canceling microphone.



Figure 5.2: Motion detection zones and privacy mode control via the app.

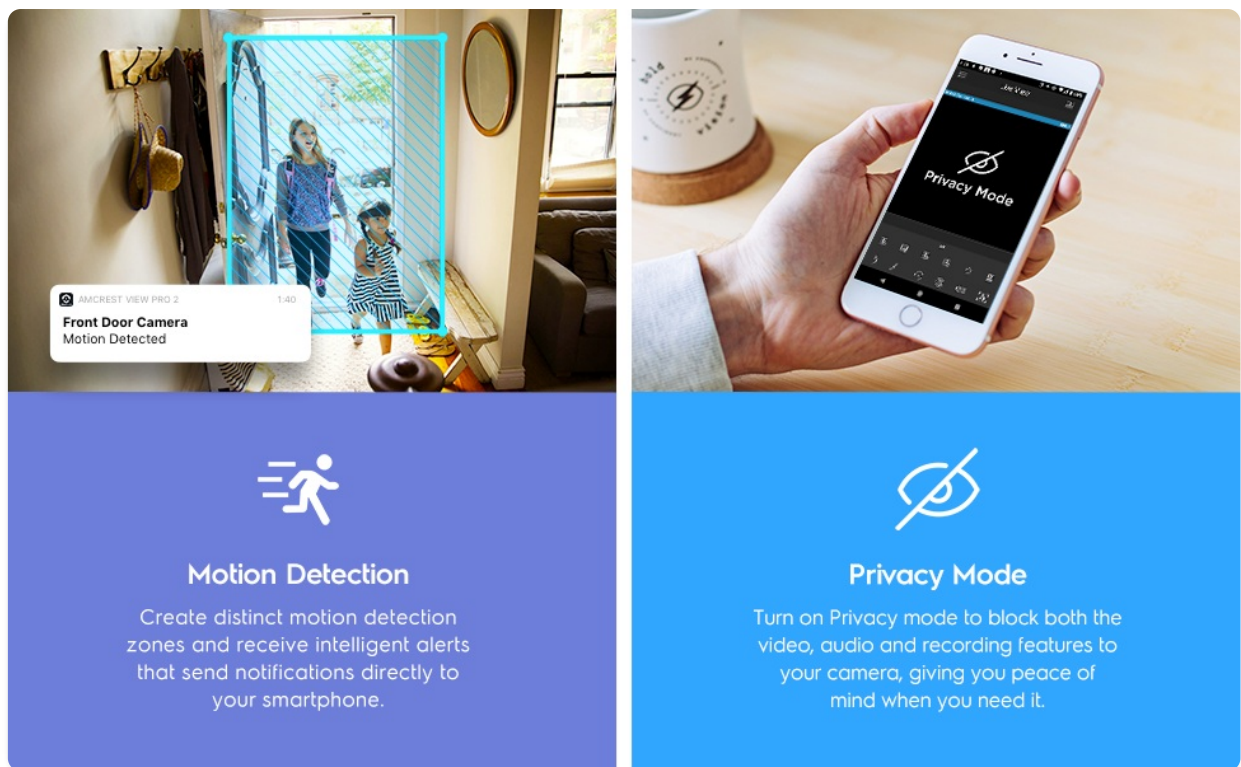


Figure 5.3: Two-way audio functionality with built-in speaker and microphone.

6. STORAGE OPTIONS

Your Amcrest camera offers multiple ways to store your video recordings:

- **MicroSD Card:** Insert a MicroSD card (up to 256GB, FAT32 format, not included) into the designated slot on the camera for local storage.
- **Amcrest Cloud:** Utilize Amcrest Cloud for off-site storage. Live viewing and 4 hours of recorded storage are included free. Additional plans are available for extended storage.
- **NVR/FTP:** The camera can also record to an Amcrest NVR (Network Video Recorder) or an FTP server for continuous recording.

7. NIGHT VISION

The Amcrest IP2M-841W-V3 camera features infrared (IR) LEDs for clear night vision. In low-light conditions, the camera automatically switches to night mode, providing black and white video footage up to 32 feet (10 meters). This ensures continuous monitoring even in complete darkness.

8. SPECIFICATIONS

Feature	Specification
Model Number	IP2M-841W-V3
Video Resolution	1080p (1920x1080)
Pan/Tilt Range	360° Horizontal Pan, 90° Vertical Tilt
Connectivity	Wi-Fi (2.4GHz), Ethernet (RJ-45)

Night Vision Range	Up to 32 feet (10 meters)
Storage Options	MicroSD (up to 256GB), Amcrest Cloud, NVR, FTP
Two-Way Audio	Yes (Built-in Mic & Speaker)
Power Source	AC/DC (5V DC)
Indoor/Outdoor Usage	Indoor
Item Weight	1.7 pounds
Dimensions	4.1 x 4 x 4.7 inches

9. TROUBLESHOOTING

If you encounter issues with your Amcrest camera, try the following:

- **Connectivity Issues:** Ensure your camera is within range of your 2.4GHz Wi-Fi network. If using Ethernet, verify the cable connection.
- **Password Reset:** If you forget your camera's password, locate the reset button (often a small pinhole) on the camera and follow the reset procedure outlined in the Quick Setup Guide.
- **App Not Connecting:** Ensure your app is updated to the latest version. Restart both your camera and your mobile device.
- **Motion Detection Sensitivity:** Adjust the motion detection sensitivity in the app settings to reduce false alarms or improve detection accuracy.

10. WARRANTY AND SUPPORT

Your Amcrest IP2M-841W-V3 camera comes with a standard manufacturer's warranty. For detailed information regarding warranty coverage and terms, please refer to the Warranty Card included in your product package or visit the official Amcrest website. For technical support, troubleshooting assistance, or any product-related inquiries, please contact Amcrest customer service.
