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› [BESDER Smart Home Security FULL HD 1080P IP WiFi Camera with Pan Tilt, Two Way Audio, and IR Night Vision User Manual](#)

BESDER ZX-X2-W/200W

BESDER Smart Home Security FULL HD 1080P IP WiFi Camera User Manual

Model: ZX-X2-W/200W

INTRODUCTION

Thank you for choosing the BESDER Smart Home Security Camera. This manual provides detailed instructions for setting up, operating, and maintaining your camera. Please read this manual carefully before use to ensure proper functionality and safety. This camera offers Full HD 1080P resolution, Pan/Tilt functionality, Two-Way Audio, and IR Night Vision for comprehensive home surveillance. It supports both wired and WiFi connections, mobile monitoring via iOS and Android apps, and cloud services.

PACKAGE CONTENTS

Please check the package contents upon opening. If any items are missing or damaged, please contact customer support.

- 1 x BESDER IP Camera 1080P
- 1 x User Manual
- 1 x DC 5V Power Supply
- 1 x Small Bracket
- Mounting Screws and Wall Plugs



Figure 1: Package contents of the BESDER Smart Home Security Camera, showing the camera unit, power adapter, USB cable, mounting bracket, screws, and the user manual.

PRODUCT OVERVIEW

Familiarize yourself with the various components of your BESDER Smart Home Security Camera.



Figure 2: Front view of the BESDER Smart Home Security Camera, highlighting the camera lens, infrared LEDs for night vision, and the status indicator light.



Figure 3: Rear view of the BESDER Smart Home Security Camera, detailing the memory card slot (for microSD up to 128GB), reset button, built-in speaker, DC 5V power input, and the Ethernet network port for wired connection.

Key Components:

- **Camera Lens:** Captures video footage.
- **IR LEDs:** Provide infrared illumination for night vision.
- **Status Indicator Light:** Indicates camera status (e.g., power on, network connection).
- **Microphone:** For audio input and two-way audio communication.
- **Speaker:** For audio output and two-way audio communication.
- **Memory Card Slot:** Supports microSD cards up to 128GB for local storage.
- **Reset Button:** Used to restore factory settings.
- **DC 5V Power Input:** Connects to the provided power adapter.
- **Network Port (RJ45):** For wired Ethernet connection.

SETUP

1. Powering On

1. Connect the DC 5V power adapter to the camera's power input port.
2. Plug the power adapter into a wall outlet.
3. The camera will power on, and the status indicator light will illuminate. Wait for the camera to complete its self-test (it may pan and tilt).

2. Network Connection (Wired or Wireless)

The camera supports both wired (Ethernet) and wireless (Wi-Fi) connections.

Wired Connection:

1. Connect one end of an Ethernet cable (not included) to the camera's network port.
2. Connect the other end of the Ethernet cable to your router or network switch.

3. The camera will automatically connect to the network.

Wireless (Wi-Fi) Connection:

1. Download the recommended mobile application (e.g., XMEYE or iCsee) from your device's app store (iOS or Android).
2. Register an account and log in.
3. Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera or using a Wi-Fi configuration method (e.g., AP mode, SmartLink).
4. Ensure your mobile device is connected to the 2.4GHz Wi-Fi network you intend to connect the camera to.
5. Enter your Wi-Fi password when prompted by the app.
6. The camera will attempt to connect to your Wi-Fi network. Once connected, the status indicator light will change (refer to app or camera manual for specific light indications).

3. MicroSD Card Installation (Optional)

1. Ensure the camera is powered off before inserting or removing the microSD card.
2. Locate the microSD card slot (refer to Figure 3).
3. Gently insert the microSD card into the slot with the gold contacts facing down until it clicks into place.
4. Power on the camera. You may need to format the SD card via the mobile app settings for optimal performance.

OPERATING INSTRUCTIONS

1. Mobile Monitoring (iOS/Android)

- Open the XMEYE or iCsee app on your smartphone.
- Select your camera from the device list to view the live feed.
- Use the on-screen controls to pan (horizontal rotation) and tilt (vertical rotation) the camera lens.
- Access playback of recorded footage stored on the microSD card or cloud service.

2. Two-Way Audio

- While viewing the live feed in the app, tap the microphone icon to speak through the camera's speaker.
- Tap the speaker icon to listen to audio from the camera's microphone.

3. IR Night Vision

- The camera automatically switches to IR night vision mode in low-light conditions.
- The IR LEDs will illuminate, providing clear black and white video up to 15 meters.

4. Motion Detection and Alarms

- Enable motion detection in the app settings.
- Configure sensitivity levels and detection zones as needed.
- When motion is detected, the camera can send push notifications to your phone and/or record footage.

5. Cloud Service

- The camera supports cloud storage services (subscription may be required).
- Refer to the mobile app for details on activating and managing cloud storage.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Regularly check for firmware updates via the mobile app to ensure optimal performance and security.

- Placement:** Ensure the camera is placed in a location where it is protected from direct water exposure and extreme temperatures.
- SD Card Management:** Periodically check the status of your microSD card. If it becomes full, older recordings may be overwritten, or recording may stop.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline/Cannot connect to Wi-Fi	Incorrect Wi-Fi password; Camera too far from router; Router issues; 5GHz Wi-Fi network.	Verify Wi-Fi password. Move camera closer to the router. Restart your router and camera. Ensure your Wi-Fi network is 2.4GHz. Try wired connection if Wi-Fi fails.
No image/Black screen	Power issue; Network issue; Lens obstruction.	Check power connection. Verify network connection. Clean the camera lens. Restart the camera.
Two-way audio not working	Microphone/speaker disabled in app; Volume too low; Network latency.	Ensure microphone and speaker icons are enabled in the app. Adjust volume settings. Check network stability.
Motion detection not triggering	Motion detection disabled; Sensitivity too low; Incorrect detection zone.	Enable motion detection in app settings. Increase sensitivity. Adjust detection zones.
SD card not recording	SD card full/corrupted; Incorrect format; SD card not inserted properly.	Format the SD card via the app. Reinsert the SD card. Try a different SD card. Ensure recording settings are enabled.

SPECIFICATIONS

Feature	Detail
Model Name	BESDER Smart Home Security
Manufacturer Reference	ZX-X2-W/200W
Video Resolution	Full HD 1080P (1920x1080)
Sensor	1/2.8" F22 CMOS sensor (for 1080P)
Video Compression	H.264, supports dual stream, 0.1 – 6 Mpbs
Lens	3.6 mm G7 (default)
IR Night Vision Distance	Max 15 meters (6 IR LEDs)

Feature	Detail
Connectivity	Wi-Fi (2.4GHz), Wired Ethernet
Storage	MicroSD card up to 128GB (not included), Cloud Service
Audio	Two-way audio (built-in microphone and speaker)
Mobile Monitoring	iOS, Android (APP: XMEYE or iCsee)
Power Supply	DC 5V 2A
Working Temperature	-5 to 60°C (23 - 140°F)
Dimensions	6.39 x 4.33 x 3.11 cm (approximate package dimensions)

WARRANTY AND SUPPORT

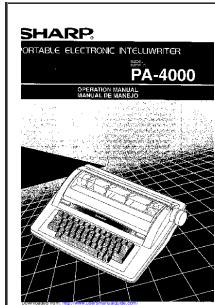
For warranty information and technical support, please refer to the contact details provided with your purchase or visit the official BESDER website. Keep your purchase receipt as proof of purchase.

Manufacturer: BESDER

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Related Documents - ZX-X2-W/200W

<p>Instruction Manual</p> <p>The pictures in this manual are for reference only. Please refer to the real products.</p> <p> <input type="checkbox"/> ZX-SERIES <input type="checkbox"/> ZX-T SERIES <input type="checkbox"/> ZX-SL SERIES <input type="checkbox"/> ZX-PLUS SERIES <input type="checkbox"/> ZX-TY SERIES <input type="checkbox"/> ZX-008/ZX-009 SERIES <input type="checkbox"/> ZX-MECHANICAL SERIES </p> <p>Precautions: Be instructed manual in case you need to use the product. Please read the manual carefully before use. Please refer to the manual for the detail product instruction.</p> <p>Application: Electronics industry, dental, laboratory, machinery, communication, biological, medical, food, pharmaceutical, chemical, textile, plastic, leather, metal, textile, auto parts, Skincare, aquatics, mining, etc., environmental cleaning.</p>	<p>Skymen Ultrasonic Cleaner Instruction Manual and Specifications</p> <p>Comprehensive instruction manual, operation steps, maintenance, troubleshooting, and product specifications for Skymen ultrasonic cleaners, including models ZX-008, ZX-009, ZX-010, ZX-S, ZX-PLUS, ZX-T, ZX-ST, and ZX-MECHANICAL series.</p>
	<p>Carlo Milano Extensible Stair Safety Gate (85cm High) - User Manual & Installation Guide</p> <p>Comprehensive user manual and installation guide for the Carlo Milano Extensible Stair Safety Gate (85cm high). Covers technical specifications, product variants (ZX-6830 to ZX-6841), scope of delivery, optional accessories, assembly instructions, troubleshooting, and safety guidelines. Features detailed steps for mounting and usage.</p>
 <p>SYMA X2 GYRO 2.4G 4 CH REMOTE CONTROL QUADCOPTER AGES 14+ 3000 mAh INSTRUCTION MANUAL IMPLEMENT STANDARD GB/T26701-2011</p> <p>Main characteristics</p> <ul style="list-style-type: none"> • The X2 Gyro is a quadcopter with a remote control system that is easy to learn and use. It is a high-quality product that is perfect for both beginners and experienced users. • The X2 Gyro has a 2.4G 4 CH remote control system, which allows for precise control and maneuverability. • The X2 Gyro has a 3000 mAh battery, which provides a long flight time of up to 15 minutes. • The X2 Gyro has a 360-degree roll and pitch function, which allows for smooth and stable flight. • The X2 Gyro has a 200-degree roll and pitch function, which allows for precise control and maneuverability. • The X2 Gyro has a 300-degree roll and pitch function, which allows for smooth and stable flight. <p>All rights reserved. Any unauthorized reproduction or distribution of this manual is illegal and will result in legal action. The X2 Gyro is a trademark of Syma Technology Co., Ltd.</p>	<p>Syma X2 Gyro Quadcopter Instruction Manual</p> <p>Comprehensive instruction manual for the Syma X2 Gyro 2.4G 4 CH Remote Control Quadcopter, covering setup, operation, flight controls, safety precautions, troubleshooting, and parts.</p>



[SHARP PA-4000 Portable Electronic Intelliwriter Operation Manual](#)

Comprehensive operation manual for the SHARP PA-4000 Portable Electronic Intelliwriter, covering setup, features, troubleshooting, and specifications.



[Adesso CyberDrone X2 Remote Controlled Micro Drone User's Guide](#)

Comprehensive user's guide for the Adesso CyberDrone X2 remote-controlled micro drone, detailing setup, flight controls, camera operation, specifications, and essential safety information.

Wifi CCTV IP Camera
Quick Operation Guide

[Wifi CCTV IP Camera Quick Operation Guide](#)

A quick operation guide for setting up and using the Wifi CCTV IP Camera with the iCSee app, covering app download, power connection, account registration, network configuration (Wi-Fi, AP mode, wired, direct hotspot), 4G/5G setup, shared device addition, and cloud storage. Includes a Q&A section for troubleshooting common issues and FCC compliance information.