

USER MANUAL

Wi-Fi IP Camera

Model: VB-8815 NHD

Product Name	Wi-Fi IP Camera
Model Number	VB-8815 NHD
FCC ID	2BYEC-VBST
Wireless	Wi-Fi 2.4 GHz
Manufacturer	Shenzhen Viewbest Technology Co., Ltd.
Document Version	1.0
Release Date	[2026-9-7]

Table of Contents

1. Product Overview 2. Package Contents 3. Product Features 4. Hardware Description 5. Getting Started
6. Network Setup (Wi-Fi) 7. Operation Instructions 8. Safety Instructions 9. FCC Compliance Information
10. Technical Specifications 11. Troubleshooting 12. Care & Maintenance 13. Warranty & Support

1. Product Overview

This Wi-Fi IP Camera (VB-8815 NHD) is a network-connected surveillance camera that supports remote viewing, motion detection, two-way audio and pan/tilt/zoom control. The device contains an intentional radiator (Wi-Fi radio) and operates under FCC Part 15 rules. This manual provides installation, operation and safety information, including the FCC regulatory statements required for compliance.

Note: Keep this manual for future reference. The FCC ID shown on the title page and on the product label must match the ID granted on the FCC certification.

2. Package Contents

- Wi-Fi IP Camera x 1
- Mounting bracket & screws x 1 set
- Quick start guide x 1
- Ethernet cable (RJ45) x 1
- Waterproof connector kit (outdoor models) x 1

Note: Contact your dealer if any item is missing or damaged.

3. Product Features

- High-definition video with pan / tilt / zoom control
- IEEE 802.11 b/g/n Wi-Fi (2.4 GHz) wireless connectivity
- Two-way audio via built-in microphone and speaker
- Motion / sound detection with push notification
- Dual-source fill light
- Local microSD storage and/or cloud storage
- Mobile app remote live view and playback

4. Hardware Description

Front: Lens, infrared LEDs , microphone,

Bottom / Side: The FCC ID label is affixed at the bottom of the device. Power port, reset button, RJ45 port, speaker.

Antenna: [PCB antenna]. Do not replace or modify the antenna; doing so may violate FCC rules.

5. Getting Started

5.1 Installation

- Select a location with stable Wi-Fi signal and power access.
- For outdoor use, mount the bracket to a solid wall and use the waterproof kit on cable joints.

- Insert a microSD card (optional) before powering on.

5.2 Reset

Press and hold the reset button for about 5 seconds until the camera restore .

6. Network Setup (Wi-Fi)

Download the official mobile app, create an account, and follow the in-app steps to add the camera:

- Open the app and tap "Add Device".
- Ensure the camera and phone are on the same 2.4 GHz Wi-Fi network.
- Scan the QR code / enter the Wi-Fi password as prompted.

7. Operation Instructions

- Open the app to view live video and adjust pan / tilt / zoom.
- Enable motion detection and notification in settings.
- Use playback to review cloud or local recordings.
- Share the device with family members from the app.

8. Safety Instructions

- Do not disassemble, repair or modify the device.
- Keep the lens clean; use a soft dry cloth.
- Stop use and unplug if abnormal heat, smoke or odor occurs.

9. FCC Compliance Information

9.1 FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

10. Technical Specifications

Model	VB-8815 NHD
Image Sensor	1/2.7" CMOS, 5 MP / 8 MP
Video Resolution	[1920x1080 / 2560x1440 / 3840x2160]
Lens	5X ,10X,20X,36X (optional)
Pan / Tilt	360° pan / 90° tilt
Wi-Fi	IEEE 802.11 b/g/n, 2.4 GHz
Video compression	H.265 /H.264
Intelligent events	Human / vehicle detection
Power	DC 12V /POE
Storage	microSD up to [256] GB
Operating Temp.	[-10 °C to 50 °C]
Ingress Rating	[IP65 for outdoor models]

11. Troubleshooting

Cannot connect to Wi-Fi	Confirm 2.4 GHz network and correct password; move camera closer to router; reset and retry.
No video / offline	Check power and network; restart camera and router.
Poor image quality	Clean lens; check lighting and network bandwidth.
LED not lit	Verify power adapter and outlet.
Forgotten password	Reset the device to factory settings via the reset button.

12. Care & Maintenance

- Clean the housing and lens with a soft, dry cloth.
- Avoid solvents and abrasive materials.
- Check mounting stability and cable seals periodically for outdoor units.
- Update firmware through the official app when available.