

Bextgoo DQ16

Bextgoo DQ16 Mini Surveillance Camera User Manual

Model: DQ16

1. INTRODUCTION

Thank you for choosing the Bextgoo DQ16 Mini Surveillance Camera. This manual provides detailed instructions for setting up, operating, and maintaining your camera. Please read this manual thoroughly before use to ensure optimal performance and safety.

The Bextgoo DQ16 is a versatile mini surveillance camera designed for indoor use, offering 4K video resolution, 150-degree wide-angle viewing, motion detection, and night vision capabilities. It supports both Wi-Fi and non-Wi-Fi operation modes and comes with a pre-installed 32GB memory card.



Figure 1: Versatile Applications. This image illustrates the camera's adaptability for various surveillance needs, from monitoring indoor spaces to use in vehicles or during outdoor activities.

2. PRODUCT OVERVIEW

2.1 Package Contents

- 1 x Bextgoo DQ16 Mini Surveillance Camera
- 1 x 32GB Memory Card (pre-installed)
- 1 x USB Charging Cable
- 1 x User Manual
- Mounting Accessories (e.g., magnetic base, clip)



Figure 2: Magnetic Mounting and Package Contents. This image highlights the camera's compact size, its strong magnetic absorption for easy placement, and a visual representation of all items included in the product package.

2.2 Key Features

- **Flexible Connectivity:** Operates with or without 2.4G Wi-Fi.
- **High Definition Video:** Records in 4K UHD resolution.
- **Wide-Angle View:** 150-degree viewing angle for comprehensive coverage.
- **Enhanced Night Vision:** Provides clear color night vision up to 20 meters.
- **Motion Detection:** Real-time notifications upon detecting movement.
- **Integrated Storage:** Comes with a 32GB memory card, expandable up to 128GB, with loop recording.
- **Long Battery Life:** Up to 6 hours of operation on a single charge, supports recording while charging.
- **Easy Installation:** Magnetic design allows for quick and flexible mounting.



Figure 3: Product Components and Features. This image provides a visual overview of the camera's design, its optical system, and how it integrates with a mobile application for live viewing.

3. SETUP

3.1 Charging the Camera

Before first use, fully charge the camera. Connect the camera to a 5V/1A USB power adapter using the provided USB cable. The charging indicator light will illuminate during charging and turn off when fully charged.

3.2 Inserting the Memory Card

The camera comes with a 32GB memory card pre-installed. If you need to replace or upgrade the card, ensure the camera is powered off. Gently insert a new microSD card (8GB to 128GB, Class 10 or higher recommended) into the card slot until it clicks into place. To remove, push the card in slightly until it springs out.

3.3 Mounting the Camera

The DQ16 camera features a strong integrated magnet for easy attachment to metallic surfaces. Use the included mounting accessories (e.g., magnetic base, clip) for flexible placement on walls, tables, or other desired locations.

3.4 App Installation (for Wi-Fi Mode)

For Wi-Fi connectivity and remote viewing, download the dedicated mobile application from your smartphone's app store (iOS/Android). Follow the in-app instructions to pair your camera with your device and connect it to your 2.4G Wi-Fi network.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- **To Power On:** Press and hold the Power button for a few seconds until the indicator light illuminates.
- **To Power Off:** Press and hold the Power button again for a few seconds until the indicator light turns off.

4.2 Wi-Fi and Non-Wi-Fi Operation Modes

The camera offers flexible operation:

- **Wi-Fi Mode:** Connect the camera to a 2.4G Wi-Fi network via the mobile app for remote viewing, motion alerts, and settings adjustments.

- **Non-Wi-Fi Mode:** The camera can record directly to the memory card without a Wi-Fi connection. Footage can be accessed by removing the memory card and using a card reader on a PC or mobile device.



Figure 4: Wi-Fi and Non-Wi-Fi Operation Modes. This image visually explains how the camera can function either connected to a 2.4G Wi-Fi network for app-based control or independently for local recording.

4.3 Video Recording (4K UHD & Loop Function)

The camera records video in 4K UHD resolution. When the memory card is full, the loop recording function automatically overwrites the oldest files to ensure continuous recording without manual intervention.

4.4 Motion Detection and Alerts

Activate motion detection through the mobile application (in Wi-Fi mode). When motion is detected, the camera will automatically start recording and send real-time notifications to your linked device.



Figure 5: Motion Detection and Instant Alerts. This image illustrates how the camera's motion detection triggers an immediate alert to the user's mobile device, enhancing security.

4.5 Night Vision

The camera is equipped with color night vision, allowing it to capture clear footage in low-light conditions up to 20 meters. This feature activates automatically when ambient light is insufficient.



Figure 6: 4K UHD Video and 150 Degree Wide Angle View with Day and Night Vision. This image demonstrates the camera's ability to capture high-quality video both during the day and at night, showcasing its wide field of view.

4.6 Viewing Footage

There are two primary methods to view recorded footage:

- **Via Mobile Application:** In Wi-Fi mode, access live view and recorded videos directly through the dedicated app on your smartphone.
- **Via Card Reader:** Power off the camera, remove the memory card, and insert it into a card reader connected to a PC or mobile phone to view the video files.



Figure 7: Battery Life and Continuous Monitoring. This image highlights the camera's extended battery life and the option for continuous operation by charging it, ensuring uninterrupted surveillance.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:** To prolong battery life, avoid extreme temperatures and fully charge the camera before long periods of inactivity.
- **Memory Card:** Periodically format the memory card (via the app or PC) to maintain optimal recording performance and prevent data corruption. Back up important footage before formatting.
- **Firmware Updates:** Check the mobile application regularly for any available firmware updates to ensure your camera has the latest features and security enhancements.

6. TROUBLESHOOTING

- **Camera not powering on:** Ensure the camera is fully charged. Connect it to a power source and try again.
- **Cannot connect to Wi-Fi:** Verify that your Wi-Fi network is 2.4G. Ensure the camera is within range of the router. Restart both the camera and your router.
- **No recording:** Check if the memory card is properly inserted and has sufficient free space. Ensure loop recording is enabled if continuous recording is desired.
- **Poor video quality:** Ensure the lens is clean. Check lighting conditions. For optimal 4K recording, ensure sufficient light.
- **Motion detection not working:** Verify that motion detection is enabled in the app settings. Adjust sensitivity if necessary.
- **App not responding:** Close and reopen the app. If the issue persists, reinstall the app.

7. SPECIFICATIONS

Feature	Description
Brand	Bextgoo
Model Name	DQ16
Connectivity Technology	Wi-Fi (2.4G) or Non-Wi-Fi
Video Recording Resolution	4K UHD
Viewing Angle	150 Degrees
Night Vision Range	20 Meters (Color Night Vision)
Motion Detection	Yes (Motion only alert type)
Storage	32GB MicroSD card included, expandable to 128GB
Power Source	Battery Powered (Up to 6 hours)
Mounting Type	Wall mount, Table mount, Clip mount (Magnetic)
Optical Sensor Technology	CMOS
Item Dimensions	14 x 9 x 4 centimeters
Indoor/Outdoor Use	Primarily Indoor (Specifications also mention Outdoor)

8. WARRANTY AND SUPPORT

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

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