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GENBOLT GB213H-4G

GENBOLT 4G LTE Outdoor Security Camera User Manual

Model: GB213H-4G

INTRODUCTION

Thank you for choosing the GENBOLT 4G LTE Outdoor Security Camera. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your camera. This camera is designed for outdoor surveillance in areas without Wi-Fi access, utilizing 4G LTE cellular communication for reliable connectivity.



Image: The GENBOLT 4G LTE Outdoor Security Camera, showcasing its design and indicating 4G LTE connectivity with a SIM card.

SETUP GUIDE

1. Package Contents

- GENBOLT 4G LTE Outdoor Security Camera
- Power Adapter (DC 12V2A)
- Mounting Screws and Anchors
- Waterproof Kit for Network Cable
- Quick Start Guide

- Free 4G SIM Card (with 300MB data for 30 days)

2. Component Overview



Image: A detailed diagram illustrating the various components of the GENBOLT camera, including antennas, bracket, plastic casing, IR sensor, microphone, HD lens, LED lights, speaker, microSD card slot, SIM card slot, reset button, PoE network port, and power input.

Familiarize yourself with the camera's components: Antennas, Bracket, Plastic Casing, IR Sensor, Microphone, HD Lens, LED Lights, Infrared Lights, Speaker, MicroSD Card Slot, SIM Card Slot, Reset Button, PoE Network Port, and Power Input.

3. SIM Card Installation

The camera comes with a dedicated 4G SIM card. Insert the SIM card into the designated slot. Ensure the camera is powered off before inserting or removing the SIM card.



Image: The GENBOLT 4G SIM card with an illustration of the mobile application interface, highlighting the 300MB free data for 30 days.

4. Powering the Camera

The camera supports two power modes:

- PoE (Power over Ethernet):** Connect the camera to a PoE switch or NVR using a single CAT5 network cable. This provides both power and network connection, allowing for installation up to 200 meters away from a power outlet.
- DC Power:** Use the provided 12V2A power adapter to connect the camera to a standard electrical outlet.

DCアダプター/PoE給電可能

最大200m設置可能

LANケーブルだけ設置できるから屋外にコンセントがないでも設置できます



Image: A visual representation of the camera's power options, showing both DC adapter connection and PoE connection via a switching hub and CAT5e LAN cable, with a maximum range of 200m for PoE.

5. Initial Connection

Once powered on, the camera will automatically connect to the 4G network. Download the dedicated mobile application (available for Android and iOS) to add and manage your camera. Follow the in-app instructions for device pairing.



Image: Various scenarios where the camera can be used without Wi-Fi, such as construction sites, warehouses, fields, and illegal dumping areas, emphasizing its 4G SIM card capability for remote monitoring.

OPERATING INSTRUCTIONS

1. AI Human Detection & Auto-Tracking

The camera utilizes advanced AI human detection technology to accurately identify human shapes, significantly reducing false alarms triggered by animals or other moving objects. When a human is detected within the surveillance area, the camera will automatically track their movement.

AI自動追跡

カメラは自動的監視範囲内の通り人を追跡します



Image: The camera's AI auto-tracking feature in action, showing a person being followed within the surveillance range in a field.

2. Two-Way Audio

The camera features a built-in microphone and speaker, enabling two-way audio communication. You can listen to the environment around the camera and speak through the camera using the mobile app, allowing for smooth conversations with visitors or deterrence of intruders.

双方向音声

スムーズで会話可能です



Image: A delivery person at a doorstep, illustrating the two-way audio feature where the user can communicate through the camera.

3. Night Vision Modes

The camera offers both color night vision and infrared (IR) night vision. In low-light conditions, it can automatically switch to color night vision mode (up to 10m) to provide clear, illuminated images. Standard IR night vision is also available for discreet monitoring in complete darkness.



Image: A comparison showing the difference between color night vision and infrared night vision in a stable environment, demonstrating the clarity and detail provided by color night vision.

4. PTZ Control (Pan, Tilt, Zoom)

Control the camera's viewing angle remotely via the mobile app. The camera supports 355° horizontal pan and 90° vertical tilt, providing a wide coverage area without blind spots. It also features 4X digital zoom to focus on specific details.

355°パン 90°チルト

死角なし



Image: The camera demonstrating its 355-degree pan and 90-degree tilt capabilities over a field, indicating no blind spots.

5. Recording and Storage

The camera supports continuous recording, motion-triggered recording, and scheduled recording. Footage can be stored locally on a microSD card (up to 128GB, FAT32 format required) or securely on the cloud. A 7-day free trial for cloud storage is available.



Image: A visual representation of the different recording modes: continuous recording, motion detection recording, and scheduled motion detection recording, with an example of the app interface for scheduling.

Maintenance

1. Weather Resistance

The GENBOLT camera is IP66 waterproof, ensuring reliable operation in various outdoor weather conditions, including rain and dust. Regular cleaning of the lens with a soft cloth is recommended to maintain optimal image clarity.

2. Data Management

Regularly check the storage status of your microSD card. If using cloud storage, ensure your subscription is active. You can easily playback and download recorded footage directly from the mobile application.

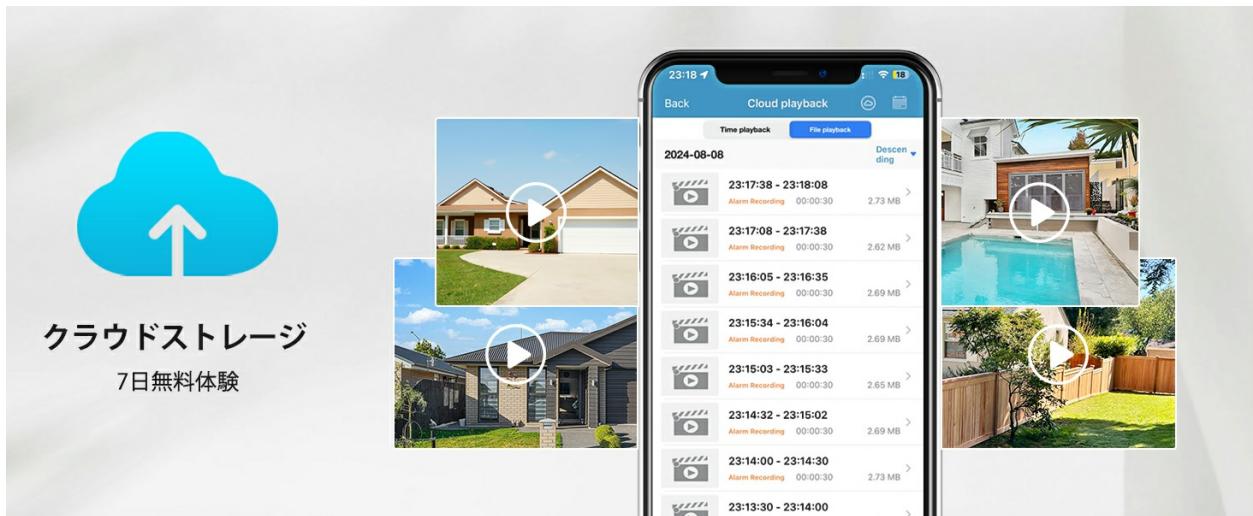


Image: An illustration of the cloud storage feature, showing the mobile app interface for playing back recorded videos from the cloud, with a 7-day free trial.

Troubleshooting

Common Issues and Solutions:

• Camera Offline:

- Check if the camera is properly powered.
- Ensure the 4G SIM card has active data and is correctly inserted.
- Verify 4G signal strength in the installation area.
- Restart the camera by disconnecting and reconnecting power.

• No Recording to SD Card:

- Ensure the microSD card is inserted correctly.
- Format the microSD card to FAT32 using the app or a computer.
- Check if the SD card is full; if so, back up data and format it.
- Verify recording settings in the app (e.g., continuous, motion detection).

• False Alarms:

- Adjust the sensitivity of the AI human detection in the app.

- Define specific detection zones to exclude areas with frequent non-human movement.

- **Poor Image Quality:**

- Clean the camera lens.
- Ensure adequate lighting for optimal night vision performance.
- Check the video resolution settings in the app.

For further assistance, please refer to the support section or contact customer service.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	GB213H-4G
Video Capture Resolution	1080p
Color	4G-200 Million Pixel Security Camera
Wireless Communication Technology	4G LTE (NO WIFI)
Field of View	355 Degrees (Pan), 90 Degrees (Tilt)
Mounting Type	Wall-Mounted
Night Vision Range	20 Meters
Frame Rate	20 fps
Material	Plastic
Digital Zoom	4X
Waterproof Rating	IP66
Power Source	12V2A (Outlet & PoE)
Compatible Devices	Smartphones (Android & iOS)

WARRANTY AND SUPPORT

Warranty Information

GENBOLT provides a 1-year warranty for this product from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

Return and Exchange Policy

A 30-day return and exchange policy is available. Please refer to the retailer's specific return guidelines for details.

Technical Support

GENBOLT offers 24/7 technical support to assist you with any questions or issues regarding your camera. For support, please visit the official GENBOLT website or contact their customer service team directly.

For more information and updates, please visit the [GENBOLT Store on Amazon](#).