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> Codnida Q02 2K Wireless WiFi 360° PTZ Solar Outdoor Security Camera User Manual

Codnida Q02

Codnida Q02 2K Wireless WiFi 360° PTZ Solar Outdoor Security Camera User Manual

Model: Q02 | Brand: Codnida

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Codnida Q02 2K Wireless WiFi 360° PTZ Solar Outdoor Security Camera. This camera is designed for outdoor security, featuring 2K HD resolution, 360° pan/tilt/zoom capabilities, solar power, motion detection, color night vision, and two-way audio communication. Please read this manual thoroughly before using the product to ensure proper setup and functionality.

WHAT'S IN THE BOX

Verify that all components are present in the package. If any items are missing or damaged, please contact customer support.

- 1 x Codnida Q02 Security Camera
- 1 x Solar Panel
- 1 x USB-C Cable
- 1 x Screw Kit (for mounting)
- 1 x User Manual



Figure 1: Package Contents. This image displays all items included in the Codnida Q02 security camera package: the camera unit, a solar panel, a USB-C charging cable, a set of screws and wall plugs for installation, and the user manual.

SETUP

1. Charging and Power

The Codnida Q02 camera is powered by a rechargeable battery and a solar panel. For initial setup, ensure the camera's battery is sufficiently charged. Connect the solar panel to the camera. The solar panel will continuously charge the camera's battery, providing uninterrupted operation.

Installation anywhere, use forever



Figure 2: Solar Power Installation. The image illustrates the Codnida Q02 camera mounted outdoors with its connected solar panel, highlighting its self-sustaining power feature for continuous operation.

2. App Installation and Camera Pairing

1. Download the "CloudEdge" app from your smartphone's app store (iOS or Android).
2. Register for an account or log in if you already have one.
3. Follow the in-app instructions to add your Codnida Q02 camera. This typically involves scanning a QR code on the camera and connecting it to your 2.4 GHz Wi-Fi network.

3. Physical Installation

Choose a suitable outdoor location for mounting the camera and solar panel. Ensure the solar panel receives adequate sunlight throughout the day for optimal charging. The camera has an IP65 waterproof rating, making it suitable for various weather conditions. Use the provided screw kit to securely mount the camera and solar panel.

IP65 Waterproof Rating

Designed for use in rain, snow and harsh weather conditions



Figure 3: IP65 Waterproof Rating. This image shows the Codnida Q02 camera and its solar panel mounted outdoors during rainfall, illustrating its IP65 waterproof design for reliable operation in various weather conditions.

OPERATING INSTRUCTIONS

1. Live View and PTZ Control

Open the CloudEdge app to access the live video feed from your camera. Use the on-screen controls to pan the camera horizontally up to 355° and tilt vertically up to 90°, providing a 360° viewing angle.

360° Guardian with Pan 355°, tilt 90°



Figure 4: 360° Pan and Tilt. The image illustrates the Codnida Q02 camera's ability to pan 355° horizontally and tilt 90° vertically, providing comprehensive coverage of the monitored area. A smartphone screen shows the live view with control options.

2. 2K HD Video Quality and Zoom

The camera records in 2K HD resolution, capturing clear and detailed images. You can digitally zoom in on the live feed or recorded footage within the app to view finer details.

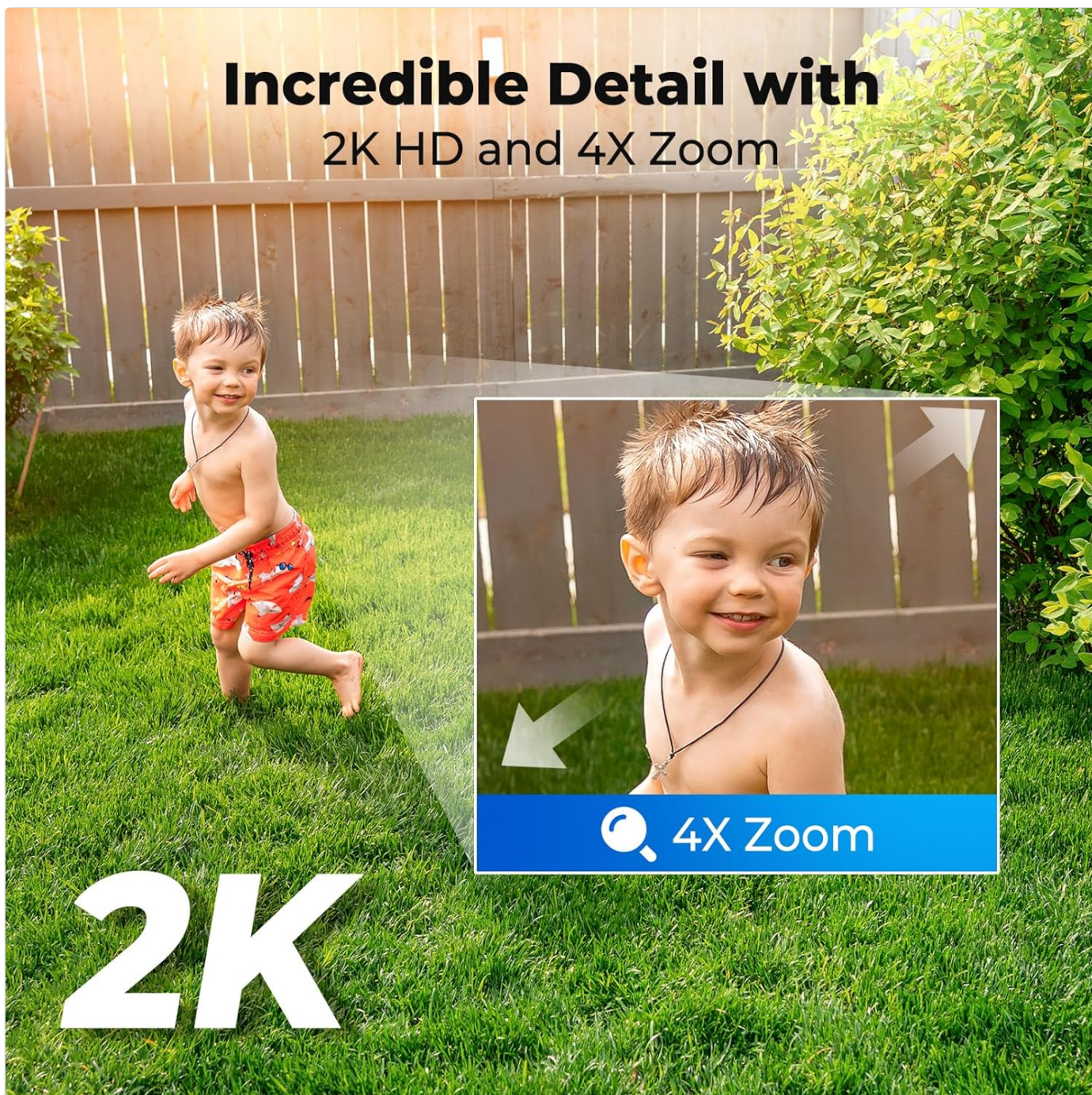


Figure 5: 2K HD and 4X Zoom. This image demonstrates the camera's 2K HD resolution, showing a clear, detailed view of a child playing. An inset highlights the 4X digital zoom capability, allowing users to magnify specific areas of the image for closer inspection.

3. Motion Detection and Alerts

The camera features intelligent PIR motion detection. When motion is detected, you will receive instant alert notifications on your smartphone via the CloudEdge app.

- **Customization:** Adjust detection sensitivity, set specific detection zones, and schedule detection periods within the app to minimize false alarms.
- **Night Detection:** Enable or disable detection at night or during specific times to suit your monitoring needs.

Motion Detection

Reduce false alarms by up to 90% with accurate PIR sensor



Figure 6: Motion Detection. The image shows the Codnida Q02 camera actively detecting the motion of a child, with a dotted line indicating the detection area. This highlights the camera's PIR sensor capability to identify movement and trigger alerts.

4. Night Vision Modes

The camera offers intelligent color night vision, providing clear and colorful images even in low-light conditions. You can switch to black and white night vision mode through the app if preferred.

2K Color Vision, Day & Night

See all vision in Full color. Even at night



Figure 7: 2K Color Vision, Day & Night. This image demonstrates the camera's night vision capabilities, showing a comparison between color night vision with spotlights activated (top) and standard black and white night vision with spotlights off (bottom), both providing clear visibility in darkness.

5. Two-Way Audio and Siren Alarm

Utilize the built-in microphone and speaker for real-time two-way communication through the CloudEdge app. This allows you to speak with visitors or deter unwanted individuals. The camera also features a siren alarm and flashing LED spotlights that can be activated automatically upon detection of abnormal activity at night, or manually via the app.



Figure 8: Siren Alarm & Two-Way Audio. This image depicts a scenario where the camera's siren alarm and spotlight are activated, deterring an individual. It also highlights the two-way audio feature, allowing communication through the camera.

6. Video Recording and Storage

The camera records video footage triggered by motion detection. You have two storage options:

- **Micro SD Card:** Supports 16GB to 128GB Micro SD cards (not included). Insert the card into the designated slot on the camera.
- **Cloud Storage:** Optional cloud storage service available through the CloudEdge app (subscription may be required).

Recorded videos can be reviewed and downloaded via the CloudEdge app.

7. Multi-User Sharing

The CloudEdge app allows you to share camera access with family members or trusted individuals. They can view live feeds and recorded footage after you grant them permission.

MAINTENANCE

- **Cleaning:** Periodically clean the camera lens and solar panel with a soft, damp cloth to ensure optimal performance and charging efficiency. Avoid abrasive cleaners.
- **Firmware Updates:** Check the CloudEdge app regularly for firmware updates. Keeping your camera's firmware up-to-date ensures the latest features and security enhancements.
- **Solar Panel Placement:** Ensure the solar panel remains free from obstructions (e.g., leaves, dirt) that could reduce its charging effectiveness.

TROUBLESHOOTING

Problem	Possible Solution
Camera not connecting to Wi-Fi	<ul style="list-style-type: none"> ◦ Ensure your Wi-Fi network is 2.4 GHz. The camera does not support 5 GHz Wi-Fi. ◦ Check Wi-Fi signal strength at the camera's location. ◦ Restart your router and the camera. ◦ Ensure the Wi-Fi password is entered correctly in the app.
Poor video quality	<ul style="list-style-type: none"> ◦ Check your internet connection speed. ◦ Clean the camera lens. ◦ Ensure the camera is within optimal Wi-Fi range.
Motion alerts are too frequent or not triggering	<ul style="list-style-type: none"> ◦ Adjust motion detection sensitivity in the CloudEdge app. ◦ Define specific detection zones to exclude irrelevant areas. ◦ Check scheduled detection periods.
Battery not charging via solar panel	<ul style="list-style-type: none"> ◦ Ensure the solar panel is clean and free from obstructions. ◦ Verify the solar panel is positioned to receive direct sunlight for several hours daily. ◦ Check the connection cable between the solar panel and the camera.
Two-way audio not working	<ul style="list-style-type: none"> ◦ Ensure microphone and speaker permissions are granted to the CloudEdge app on your smartphone. ◦ Check volume settings on your phone and within the app. ◦ Ensure there are no physical obstructions blocking the camera's microphone or speaker.

SPECIFICATIONS

Feature	Detail
Model Name	Q02
Resolution	2K (1440p), 3 Megapixels effective capture
Connectivity Technology	Wireless (Wi-Fi 2.4 GHz)
Pan/Tilt Angle	360° View Angle (Pan 355°, Tilt 90°)
Power Source	Solar Powered (Rechargeable Battery)
Water Resistance Rating	IP65
Night Vision	Color Night Vision, Black & White Night Vision (up to 10 meters)

Feature	Detail
Special Features	Two-Way Audio, Motion Detector (PIR), HD Resolution, PTZ Technology, Siren Alarm, LED Spotlight
Storage Options	Micro SD Card (16GB-128GB supported), Cloud Storage
Compatible Devices	Smartphone (via CloudEdge App)
Dimensions (L x W x H)	10 x 5 x 10 cm
Weight	1.01 kilograms
Voltage	3.7 Volts
Wattage	3 Watts
Control Method	Application (CloudEdge)
Installation Type	Screw-in (Wall Mount)

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Codnida Q02 camera, please refer to the official Codnida website or contact their customer service directly. Contact details are typically provided in the packaging or on the brand's official online presence.

Online Resources:

- Visit the [Codnida Brand Store on Amazon](#) for product information and updates.

