

Gyration CYBERVIEW 3020

User Manual

Gyration 360 Degree Smart WiFi Wireless PTZ Dome Security Camera with Solar Panel

Model: CYBERVIEW 3020

1. INTRODUCTION

Thank you for choosing the Gyration CYBERVIEW 3020 Smart WiFi PTZ Dome Security Camera with Solar Panel. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before installation and use, and retain it for future reference.

The CYBERVIEW 3020 is designed to provide comprehensive outdoor surveillance with its 3MP 2K resolution, 360-degree pan/tilt functionality, AI detection, two-way audio, and sustainable solar power solution. Its IP65 rating ensures durability in various weather conditions.

2. SAFETY INFORMATION

- Ensure the camera is installed in a stable location to prevent falling.
- Do not expose the camera or solar panel to extreme temperatures outside the specified operating range.
- Avoid direct exposure to strong sunlight for prolonged periods, which may affect sensor performance.
- Keep the device away from strong magnetic fields.
- Only use the provided or recommended power accessories.
- Do not attempt to disassemble or repair the device yourself. Contact qualified personnel for service.
- Ensure all cables are properly secured and protected from damage.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Gyration CYBERVIEW 3020 PTZ Dome Security Camera
- Solar Panel with Mounting Bracket
- Mounting Screws and Wall Plugs
- USB Charging Cable
- User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your security camera system.



Figure 4.1: Front view of the Gyratation CYBERVIEW 3020 camera system, showing the dome camera unit with two antennas and the attached solar panel.



Figure 4.2: Side view of the camera, highlighting the dome shape and antenna placement.



Figure 4.3: Close-up frontal view of the camera lens, infrared lights, and motion sensor.



Figure 4.4: Rear view of the camera, showing the Micro SD card slot and reset button, protected by a rubber cover, and the USB charging

port at the bottom.



Figure 4.5: The dedicated solar panel with its adjustable mounting bracket, designed to provide continuous power to the camera.

Key Features:

- **2K Resolution (3MP):** Clear video capture at 2304x1296.
- **Pan/Tilt Functionality:** 355° horizontal and -20° to 60° vertical rotation.
- **3X Digital Zoom:** For closer inspection of details.
- **AI Detection:** Advanced motion detection for accurate alerts.
- **Two-Way Audio:** Built-in microphone and speaker for communication.
- **Solar Powered with Battery:** 5W solar panel and rechargeable battery for continuous operation.
- **IP65 Weatherproof:** Dust and water resistant for outdoor use.
- **Storage Options:** Cloud storage and Micro SD card (up to 128GB).
- **2.4GHz Wi-Fi Connectivity:** Easy setup and reliable connection.
- **Smart Home Compatibility:** Works with Alexa and Google Home.

5. SETUP

5.1 Charging the Battery

Before initial use, fully charge the camera's built-in battery using the provided USB cable and a 5V/2A power adapter (not

included). The charging indicator light will turn solid when fully charged.

5.2 Installing a Micro SD Card (Optional)

1. Locate the rubber cover on the back of the camera (refer to Figure 4.4).
2. Carefully open the cover.
3. Insert a Micro SD card (Class 10 or higher, up to 128GB) into the slot with the gold contacts facing down until it clicks into place.
4. Close the rubber cover firmly to ensure water resistance.

5.3 App Download and Account Registration

Download the official "CloudEdge" or "Tuya Smart" app from your smartphone's app store (iOS App Store or Google Play Store). Register for an account and log in.

5.4 Pairing the Camera with the App

1. Power on the camera. Wait for the indicator light to flash red, indicating it's ready for pairing. If not flashing, press and hold the reset button (next to the SD card slot) for 5 seconds until it flashes.
2. Open the app, tap "+" to add a device, and select "Smart Camera" or "Security Camera (Wi-Fi)".
3. Follow the on-screen instructions to connect to your 2.4GHz Wi-Fi network.*Note: 5GHz Wi-Fi is not supported.*
4. The app will generate a QR code. Hold your phone's screen approximately 15-20 cm (6-8 inches) in front of the camera lens until you hear a "beep" sound.
5. Once connected, the indicator light will turn solid blue. The camera will appear in your app's device list.

5.5 Mounting the Camera and Solar Panel

Choose a mounting location that provides a clear view of the area you wish to monitor and receives ample direct sunlight for the solar panel.

1. **Mark Drilling Points:** Use the mounting bracket as a template to mark the screw holes on the wall or surface.
2. **Drill Holes:** Drill holes at the marked positions and insert wall plugs if mounting on masonry.
3. **Attach Brackets:** Securely fasten the camera and solar panel mounting brackets to the surface using the provided screws.
4. **Mount Camera and Solar Panel:** Attach the camera and solar panel to their respective brackets.
5. **Adjust Solar Panel:** Angle the solar panel to maximize sun exposure throughout the day.
6. **Connect Solar Panel:** Plug the solar panel's cable into the camera's charging port.

6. OPERATING THE CAMERA

6.1 Live View and Pan/Tilt Control

Open the app and select your camera from the device list to access the live view. Use the on-screen joystick or swipe gestures to control the camera's pan (horizontal) and tilt (vertical) movements.

6.2 Two-Way Audio

In the live view, tap the microphone icon to speak through the camera's speaker. Tap the speaker icon to listen to audio from the camera's microphone.

6.3 Motion Detection and Alerts

The camera features sensitive motion detection with AI capabilities to reduce false alarms. When motion is detected, the camera will:

- Send an instant push notification to your smartphone.
- Begin recording video footage (to Micro SD card or cloud storage).

Adjust motion detection sensitivity and set detection zones within the app's settings.

6.4 Playback and Storage

Access recorded footage through the app's "Playback" or "History" section. You can view recordings stored on the Micro SD card or in the cloud (if subscribed to a cloud plan).

6.5 Night Vision

The camera automatically switches to infrared night vision in low-light conditions, providing clear black-and-white video up to a certain range.

6.6 Smart Home Integration (Alexa & Google Home)

To integrate with Amazon Alexa or Google Home:

1. Open the Alexa or Google Home app.
2. Go to "Skills & Games" (Alexa) or "Works with Google" (Google Home).
3. Search for "CloudEdge" or "Tuya Smart" skill/service and enable it.
4. Link your CloudEdge/Tuya Smart account.
5. Discover devices. You can now use voice commands to view your camera feed on compatible smart displays (e.g., "Alexa, show me the front door camera").

7. MAINTENANCE

- **Clean Lens:** Regularly wipe the camera lens with a soft, dry cloth to ensure clear image quality.
- **Clean Solar Panel:** Keep the solar panel free of dust, dirt, and debris to maximize charging efficiency.
- **Check Connections:** Periodically inspect all cable connections for tightness and signs of wear.
- **Firmware Updates:** Check the app regularly for firmware updates to ensure optimal performance and security.
- **Battery Health:** While the solar panel maintains the battery, ensure the camera receives sufficient sunlight. If prolonged cloudy periods occur, consider manually charging the camera via USB.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on.	Low battery; power cable disconnected.	Charge the camera fully. Ensure the solar panel cable is securely connected.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password; 5GHz Wi-Fi network; camera too far from router.	Verify password. Ensure you are connecting to a 2.4GHz network. Move camera closer to router or use a Wi-Fi extender. Reset camera and try pairing again.
No motion detection alerts.	Motion detection disabled; sensitivity too low; app notifications off.	Enable motion detection in app settings. Increase sensitivity. Check phone notification settings for the app.

Problem	Possible Cause	Solution
Poor image quality.	Dirty lens; insufficient lighting; network bandwidth issues.	Clean the camera lens. Ensure adequate lighting for color video. Check Wi-Fi signal strength.
Solar panel not charging.	Insufficient sunlight; dirty panel; cable disconnected.	Ensure panel receives direct sunlight. Clean the panel surface. Check cable connection to camera.

9. SPECIFICATIONS

Feature	Specification
Model Number	CYBERVIEW 3020
Resolution	3MP (2304x1296)
Pan Range	355°
Tilt Range	-20° to 60°
Digital Zoom	3X
Power Source	Solar Powered with Built-in Rechargeable Battery
Solar Panel Power	5W
Connectivity	2.4GHz Wi-Fi (IEEE 802.11b/g/n)
Storage Options	Micro SD Card (up to 128GB), Cloud Storage
Audio	Two-Way Audio (Built-in Mic & Speaker)
Weather Resistance	IP65
AI Features	AI Detection
Compatible Devices	Smartphone (iOS/Android), Alexa, Google Home
Dimensions (Camera)	Approx. 8 x 7 x 4 inches (L x W x H)
Operating Temperature	-4°F to 122°F (-20°C to 50°C) (Typical)

10. WARRANTY AND SUPPORT

10.1 Warranty Information

This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Gyraton website for detailed warranty terms and conditions. Keep your purchase receipt as proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, troubleshooting, or any questions regarding your Gyraton CYBERVIEW 3020 camera, please contact our customer support team:

- **Website:** www.gyration.com/support
- **Email:** support@gyration.com
- **Phone:** 1-800-XXX-XXXX

When contacting support, please have your product model number (CYBERVIEW 3020) and purchase date ready.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question