myGEKOgear Orbit 960

myGEKOgear Orbit 960 4K UHD Dash Cam User Manual

Model: Orbit 960

INTRODUCTION

The myGEKOgear Orbit 960 is a 4K UHD dash camera designed to record your journeys with high clarity. Featuring a Sony STARVIS sensor for enhanced low-light performance, built-in Wi-Fi for mobile app connectivity, and GPS logging for location and speed data, this device provides comprehensive recording capabilities. It also includes advanced driver assistance systems (ADAS) such as Forward Collision Warning System (FCWS) and Lane Departure Warning System (LDWS) to promote safer driving habits.

WHAT'S IN THE BOX

- Dash Camera
- 12 Volt Power Cable
- Adhesive Mount
- Suction Cup Mount
- 16 GB Micro SD Card & Card Reader
- User Manual
- Warranty Card

PRODUCT OVERVIEW

Figure 1: Front View of the Dash Cam

Figure 2: Rear View with Screen and Controls

Figure 3: Side View with MicroSD Card Slot

Figure 4: Top View with Ports

SETUP

1. Mounting the Dash Cam

Choose a suitable location on your windshield, typically behind the rearview mirror, to ensure an unobstructed view of the road. Clean the area thoroughly before applying the mount.

1. **Suction Cup Mount:** Attach the suction cup to the cleaned windshield and press firmly while engaging the locking mechanism to secure it.
2. **Adhesive Mount:** Peel off the protective film from the adhesive pad and firmly press the mount onto the cleaned windshield for at least 30 seconds. Allow 24 hours for the adhesive to fully cure before attaching the dash cam.

Once the mount is secure, slide the dash cam onto the mount until it clicks into place.

Figure 5: Dash Cam Mounted in Vehicle

2. Inserting the MicroSD Card

Insert the provided 16GB MicroSD card (or your own, up to 512GB) into the MicroSD card slot on the side of the dash cam until it clicks. Ensure the card is inserted correctly to avoid damage.

3. Powering the Device

Connect the 12 Volt Power Cable to the dash cam's USB port and plug the other end into your vehicle's cigarette lighter socket. The dash cam will automatically power on and begin recording when your vehicle starts.

4. Initial Power-On and Basic Settings

Upon first power-on, the dash cam may prompt you to set the date and time. Use the control buttons on the side of the device to navigate the menu and adjust settings. It is recommended to format the MicroSD card through the dash cam's settings menu before first use.

5. Mobile App Connection (Wi-Fi)

Download the GEKO DVR app from your smartphone's app store. Enable Wi-Fi on your dash cam via the settings menu. On your smartphone, connect to the dash cam's Wi-Fi network (SSID typically starts with 'Orbit_960-'). The default password is '12345678'. Once connected, you can view live footage, adjust settings, and transfer recordings directly to your phone.

OPERATING INSTRUCTIONS

1. Recording Modes

- **Loop Recording:** The dash cam continuously records video in segments (e.g., 1, 3, or 5 minutes). When the MicroSD card is full, the oldest files are overwritten by new recordings.
- **Emergency Recording (G-Sensor):** In the event of a sudden impact or collision, the built-in G-Sensor automatically detects the event and locks the current video segment, preventing it from being overwritten.

2. Using the Mobile App

The GEKO DVR app allows for convenient control and management of your dash cam. After connecting via Wi-Fi, you can:

- View live video feed.
- Access and download recorded videos and photos.
- Adjust various settings, including resolution, loop recording duration, and driver assistance features.

3. Driver Assist Features

The Orbit 960 includes several driver assistance features to enhance safety:

- **Forward Collision Warning System (FCWS):** Alerts you if you are approaching a vehicle too quickly.
- **Lane Departure Warning System (LDWS):** Notifies you if your vehicle drifts out of its lane without signaling.
- **Headlight Reminder:** Prompts you to turn on your headlights in low-light conditions.
- **Driver Fatigue Alarm:** Provides alerts to prevent drowsy driving during long trips.

These features can be enabled or disabled through the dash cam's settings menu or the mobile app.

4. GPS Logging

The built-in GPS module records your vehicle's speed and location data, which is embedded in the video files. This information can be viewed during playback using compatible software or the mobile app, providing crucial context for recorded events.

5. Parking Mode

When enabled, parking mode allows the dash cam to monitor your vehicle while parked. If an impact is detected (via the G-Sensor), the dash cam will automatically record a short video segment. For continuous parking surveillance, the dash cam requires a constant power supply (e.g., hardwired installation).

KEY FEATURES

- **4K UHD Video & Sony STARVIS Sensor:** Records videos at 3840 x 2160p at 30 fps, offering high clarity even in low-light conditions.

- **140° Wide Angle Lens:** Captures a broad view of the road, minimizing blind spots.
- **2.7" LCD Display:** Provides a clear interface for viewing live footage and navigating settings.
- **Wi-Fi Enabled:** Allows users to view and transfer footage to a smartphone via the GEKO DVR app.
- **GPS Logging:** Records accurate speed and location information, vital for incident analysis.
- **G-Sensor:** Automatically detects impacts and locks video files to prevent overwriting.
- **Motion Detection:** Initiates recording when motion is detected in front of the vehicle, useful for parking surveillance.
- **Driver Assist Features:** Includes Speed Limit Alert, Lane Departure Warning System (LDWS), and Front Collision Warning System (FCWS) to promote safer driving.
- **MicroSD Card Support:** Supports up to 512GB, with a 16GB card included for immediate use.

Your browser does not support the video tag.

Video 1: Overview of myGEKOgear Orbit 960 4K Dash Cam features, including Wi-Fi and GPS logging.

SPECIFICATIONS

Feature	Detail
Product Dimensions	7 x 5 x 3 inches
Item Weight	3.5 ounces
Item Model Number	GO96016G
Batteries	1 Lithium Ion batteries required (included)
Connectivity Technologies	Wi-Fi
GPS	GPS Built-In; Location Capture
Special Features	4K Resolution, Auto Incident Recording, Built-in GPS logging, Night Vision, WiFi - Instant File Access
Color	Black
Manufacturer	myGEKOgear
Model Name	Orbit 960
Video Capture Resolution	2160p
Mounting Type	Camera Mount (Suction Cup, Adhesive)
Field Of View	140 Degrees

MAINTENANCE

- **SD Card Formatting:** Regularly format your MicroSD card (at least once a month) to ensure optimal performance and prevent data corruption. This can typically be done through the dash cam's settings menu or the mobile app.
- **Cleaning:** Keep the dash cam lens and screen clean using a soft, dry cloth. Avoid abrasive materials or harsh chemicals.
- **Firmware Updates:** Check the myGEKOgear website or the GEKO DVR app periodically for available firmware updates. Keeping your device updated ensures access to the latest features and performance improvements.

TROUBLESHOOTING

- **Dash Cam Not Powering On:** Ensure the power cable is securely connected to both the dash cam and the vehicle's 12V socket. Check if the vehicle's 12V socket is receiving power.
- **SD Card Error:** Format the MicroSD card. If the issue persists, try a different, high-quality MicroSD card (Class 10 or higher recommended).
- **Wi-Fi Connectivity Issues:** Ensure Wi-Fi is enabled on the dash cam and your smartphone is connected to the correct dash cam network. Verify the Wi-Fi password.
- **App Not Connecting/Functioning:** Ensure location permissions are granted to the app on your smartphone. Restart both the dash cam and the app. Check for app updates.
- **Poor Video Quality:** Ensure the lens is clean and free from obstructions. Check the resolution settings in the dash cam or app.

For further assistance, refer to the detailed user manual included in the box or contact myGEKOgear customer support.

WARRANTY AND SUPPORT

The myGEKOgear Orbit 960 Dash Cam comes with a manufacturer's warranty. Please refer to the Warranty Card included in your product packaging for specific terms and conditions. For technical support, product inquiries, or warranty claims, please visit the official myGEKOgear website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty services.