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› XYGCACO 4-Channel 4K+1080P*3 FHD Car Dash Camera User Manual

XYGCACO 4-Channel 4K+1080P*3 FHD Car Camera

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Model: 4-Channel 4K+1080P*3 FHD Car Camera

PRODUCT OVERVIEW

The XYGCACO 4-Channel Dash Camera provides comprehensive vehicle surveillance with its advanced recording capabilities. This system features a 4K front camera, along with three 1080P cameras for interior, rear, and side views, ensuring a 360-degree recording coverage. It is equipped with a 3-inch IPS display for real-time monitoring and playback.

Key Features

- **4-Channel Recording:** Simultaneous recording from 4K front, and three 1080P cameras for interior, rear, and side views.
- **360-Degree Coverage:** Eliminates blind spots around your vehicle.
- **Loop Recording:** Automatically overwrites oldest footage when the memory card is full, ensuring continuous recording.
- **Built-in G-Sensor:** Detects sudden impacts or collisions and locks critical video files to prevent overwriting.
- **5GHz WiFi & App Control:** Connects to the Viidure App (iOS/Android) for real-time viewing, video management, and sharing.
- **GPS Tracking:** Records vehicle speed and location, viewable via the app.
- **Superior Night Vision:** Features 8 infrared LED lights, WDR (Wide Dynamic Range), and F1.6 large aperture for clear footage in low-light conditions.
- **24/7 Parking Surveillance:** Motion detection and collision detection in parking mode (requires separate hardwire kit).
- **Included 64GB SD Card:** Ready for immediate use, supports up to 256GB.

Drive with Confidence



Image: Overview of the XYGCACO 4-Channel Dash Camera, showcasing its design and main features like WiFi, 360-degree protection, 64GB SD card, FHD 4-channel recording, parking monitor, IR lights, G-sensor, night vision, and WDR.

SETUP AND INSTALLATION

Follow these steps for proper installation of your dash camera system.

Package Contents

- Main Dash Camera Unit
- Rear Camera
- Car Mount (Suction Cup)
- Charging Cable (Car Charger)
- Crowbar (Trim Tool)
- User Manual
- 64GB SD Card

Installation Steps

1. **Mount Front Camera:** Attach the main dash camera unit to your windshield using the included suction cup mount. Position it to ensure a clear view of the road ahead and easy access to the screen.
2. **Install Rear Camera:** Apply the electrostatic film to the rear windshield, then attach the rear camera to the film. Ensure the camera has a clear view of the rear.
3. **Run Rear Camera Cable:** Carefully route the rear camera cable from the main unit to the rear camera. Use the included pry tool (crowbar) to hide the cable along the roof liner or vehicle panels for a neat installation.
4. **Power Up:** Plug the car charger into your vehicle's cigarette lighter socket. Connect the 11.5ft power cable to the main dash camera unit. The camera will power on automatically when the vehicle starts.

Note: For 24/7 Parking Surveillance functionality, a separate hardwire kit is required and must be purchased separately. Refer to the hardwire kit's instructions for installation.



Image: Visual guide for installing the front camera, rear camera, routing cables, and connecting power.

OPERATING INSTRUCTIONS

Understand how to use your dash camera's various functions.

Basic Operation

- **Power On/Off:** The camera automatically powers on and begins recording when your vehicle starts. It powers off when the vehicle is turned off.
- **Recording:** Continuous recording starts automatically. The 3-inch IPS display shows live views from the cameras.

Loop Recording

The dash cam records video in segments (e.g., 1, 3, or 5 minutes). When the memory card is full, the oldest unlocked video segments are automatically overwritten by new recordings. This ensures continuous recording without manual intervention.



Image: Diagram illustrating how loop recording works, showing older files being overwritten while locked files are protected.

G-Sensor (Emergency Recording)

The built-in G-sensor detects sudden acceleration, braking, or collisions. When triggered, it automatically locks the current video segment, preventing it from being overwritten by loop recording. These locked files are stored in a separate folder on the SD card.



Image: Visual representation of the G-sensor activating during a collision to secure video evidence.

Parking Surveillance (Requires Hardwire Kit)

With a separately purchased hardwire kit, the dash cam can provide 24/7 parking protection. It features:

- **Motion Detection:** The front camera's motion sensor detects objects approaching within 3-4 meters and triggers a 1-minute recording.
- **Collision Detection:** The G-sensor detects impacts while parked and initiates recording.
- **Time-Lapse Recording:** Some hardwire kits may enable time-lapse recording for extended parking surveillance.



Image: Depiction of the 24-hour parking mode, highlighting time-lapse, collision detection, and parking monitor features.

5GHz WiFi & App Control (Viidure App)

Connect your dash cam to your smartphone via the built-in 5GHz WiFi for seamless control and access to recordings.

1. **Download the App:** Search for "Viidure" on the App Store (iOS) or Google Play Store (Android) and install it.
2. **Connect to WiFi:** On your dash cam, enable WiFi. On your smartphone, go to WiFi settings and connect to the dash cam's WiFi network (SSID and password usually displayed on the dash cam screen).
3. **App Functions:** Within the Viidure App, you can:
 - View live footage from all cameras.
 - Playback recorded videos.

- Download videos and photos directly to your phone.
- Share footage with others or insurance providers.
- Access GPS route tracking to visualize your journey and incident locations.
- Adjust camera settings.



Image: A smartphone screen showing the Viidure app interface, demonstrating connectivity and features like sharing, editing, and real-time preview.

Night Vision

The dash cam is equipped with 8 infrared LED lights, Wide Dynamic Range (WDR) technology, and an F1.6 large aperture lens. These features work together to enhance video clarity in low-light or overexposed environments, providing clear and balanced footage during night driving.

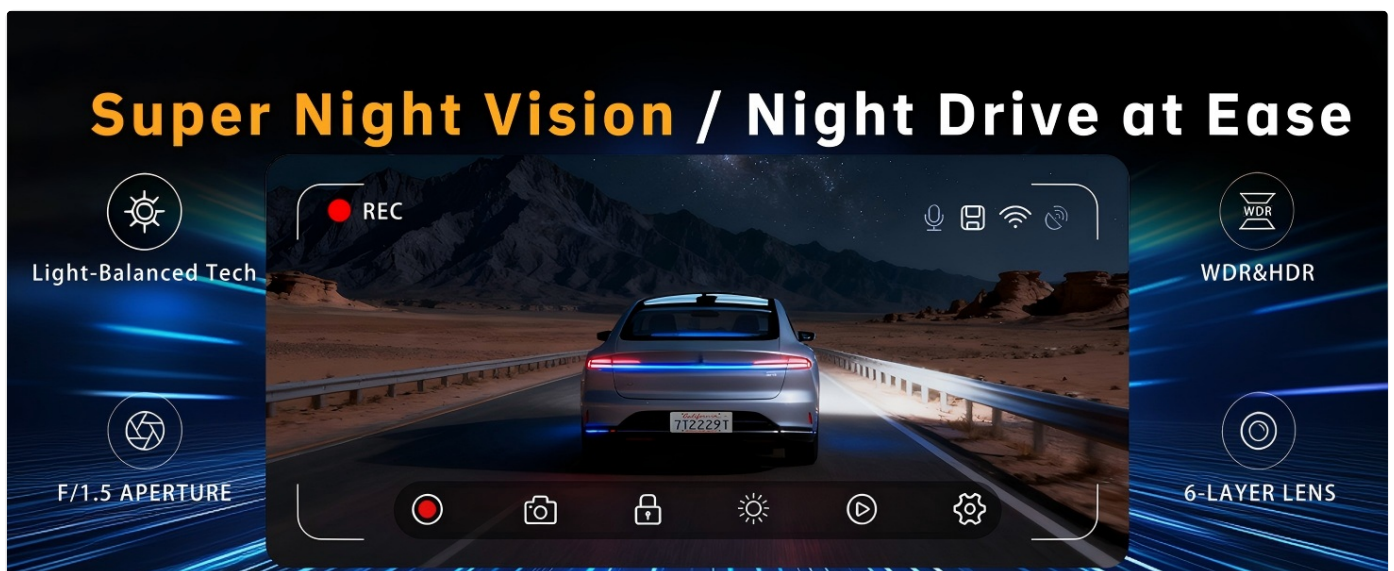


Image: A visual comparison demonstrating the superior night vision capabilities of the dash cam with WDR and F1.6 aperture.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your dash camera.

- **Clean Lenses and Screen:** Regularly wipe the camera lenses and the IPS display with a soft, lint-free cloth to remove dust and smudges. Avoid abrasive cleaners.
- **Format SD Card:** It is recommended to format the SD card every 2-4 weeks to maintain optimal recording performance and

prevent data corruption. This can usually be done through the camera's menu settings or via the Viidure App.

- **Check Cable Connections:** Periodically ensure all cables (power, rear camera) are securely connected to prevent interruptions in recording or power supply.
- **Firmware Updates:** Check the manufacturer's website or the Viidure App for any available firmware updates. Keeping your dash cam's firmware updated can improve performance and add new features.

TROUBLESHOOTING

If you encounter issues with your dash camera, refer to the following common solutions.

- **Camera Not Powering On:**
 - Ensure the car charger is properly inserted into the cigarette lighter socket and the vehicle's ignition is on.
 - Check the power cable connection to the dash cam.
 - Test the car charger with another device or try a different car charger if available.
- **Recording Issues (e.g., not recording, freezing):**
 - Format the SD card.
 - Ensure the SD card is Class 10 or higher and not full.
 - Try a different, high-quality SD card.
 - Reset the camera to factory settings (refer to the camera's menu).
- **Poor Video Quality:**
 - Clean the camera lenses.
 - Ensure the protective film has been removed from the lenses.
 - Check video resolution settings in the camera menu.
- **Wi-Fi Connection Problems:**
 - Ensure Wi-Fi is enabled on the dash cam.
 - Restart both the dash cam and your smartphone.
 - Ensure you are within close proximity to the dash cam.
 - Verify the correct Wi-Fi password.
- **Parking Mode Not Working:**
 - Confirm that a hardwire kit is installed and correctly connected.
 - Check parking mode settings in the camera menu.

For further assistance, please contact customer support.

SPECIFICATIONS

Feature	Specification
Brand	XYGCACO
Model	4-Channel 4K+1080P*3 FHD Car Camera
Video Capture Resolution	Front: 4K (2160p), Other Cameras: 1080P
Display Type	3-inch IPS LCD

Feature	Specification
Connectivity Technology	5GHz Wi-Fi, GPS
Special Features	360 Degree View, App Control, Built-In WiFi, G-Sensor, Night Vision (8 IR Lamps, WDR, F1.6 Aperture)
Storage	64GB SD Card Included (Supports up to 256GB)
Mounting Type	Windshield Mount (Suction Cup)
Control Method	App, Push Button
Product Dimensions (D x W x H)	1.5" x 2.2" x 6.3"
Included Components	Car Mount, Charging Cable, Crowbar, User Manual, 64GB SD Card

WARRANTY AND SUPPORT

Your XYGCACO dash camera is backed by comprehensive support and warranty.

- **Warranty:** This product comes with an 18-month warranty from the date of purchase.
- **Return Policy:** A 45-day return policy is available for this product.
- **Customer Support:** For any questions, technical assistance, or warranty claims, please contact our 24/7 US-based customer support team. Refer to the contact information provided in the packaging or on the official product page.