BOTSLAB G980H Pro

BOTSLAB G980H Pro Dual Dash Cam User Manual
Model: G980H Pro

1. INTRODUCTION

Thank you for choosing the BOTSLAB G980H Pro Dual Dash Cam. This advanced dash camera system is designed to provide comprehensive surveillance for your vehicle, featuring true 4K front and 2K rear recording, intelligent ADAS safety alerts, convenient voice control, and robust 24/7 parking monitoring. This manual will guide you through the setup, operation, and maintenance of your new device to ensure optimal performance and safety on the road.

Image 1.1: Overview of the BOTSLAB G980H Pro Dual Dash Cam and its key features.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- Main unit (Front Camera) x 1
- Rear camera x 1
- Car charger x 1
- Rear camera cable x 1
- 64GB MicroSD card x 1
- Electrostatic film x 2
- User manual x 1
- 3M Tape x 2

- Warning Card x 1
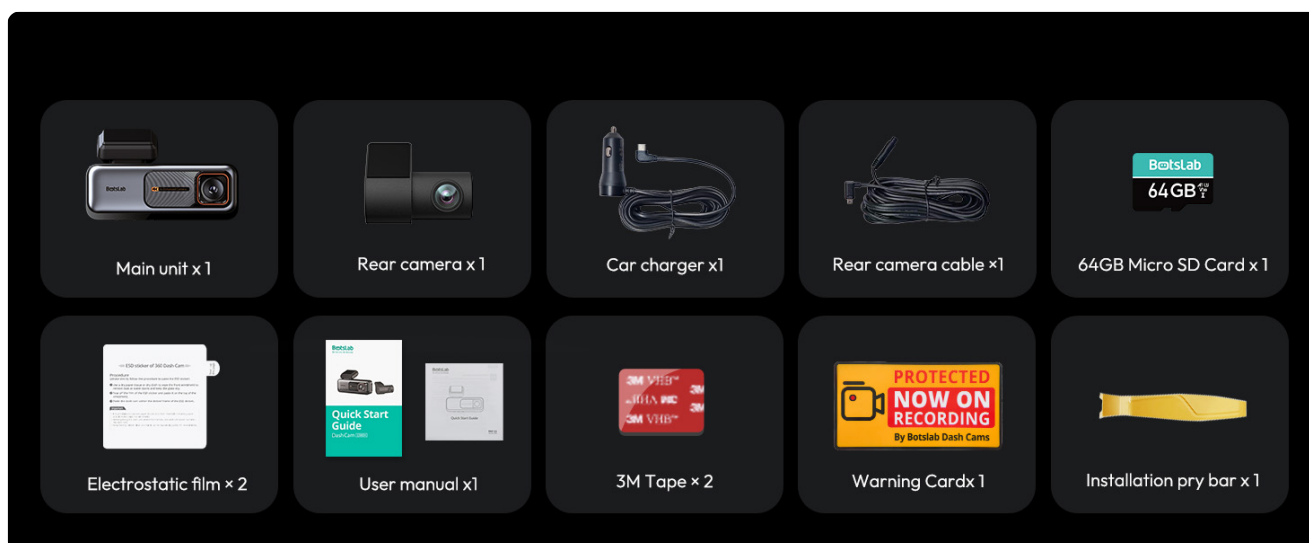- Installation pry bar x 1
- USB power cord x 1

Main unit x 1	Rear camera x 1	Car charger x1	Rear camera cable ×1	64GB Micro SD Card x 1
Electrostatic film × 2	User manual x1	3M Tape × 2	Warning Cardx 1	Installation pry bar x 1

Image 2.1: All components included in the BOTSLAB G980H Pro package.

3. PRODUCT OVERVIEW

3.1 Main Unit and Rear Camera Components

Familiarize yourself with the various parts of your dash cam system:

Image 3.1: Detailed diagram of the main unit and rear camera components.

- **Screen Display:** For viewing live footage, playback, and menu navigation.
- **Microphone:** Records audio inside the vehicle.
- **Album Key:** Access recorded videos and photos.
- **Power/Setting Key:** Powers the device on/off and accesses settings.
- **Switch Key:** Toggles between front and rear camera views.
- **TF Card Slot:** Insert the MicroSD card for storage.
- **Type-C Port:** Power input for the main unit.

- **Rear Camera Input:** Connect the rear camera cable here.
- **360° Adjustable Rear Lens:** Allows flexible positioning for optimal rear or interior view.

4. INSTALLATION

Follow these steps for proper installation of your dash cam system:

1. **Clean Windshield:** Ensure the area on your windshield where the dash cam will be mounted is clean and dry.
2. **Apply Electrostatic Film:** Apply the electrostatic film to the chosen area on the windshield. This helps protect your windshield and makes removal easier.
3. **Mount Front Camera:** Attach the front camera to the electrostatic film using the provided 3M tape. Ensure it is positioned to capture a clear view of the road ahead without obstructing your driving vision.
4. **Install Rear Camera:** Mount the rear camera on your rear windshield. The 360° adjustable lens allows you to record the rear view or the vehicle interior.
5. **Connect Cables:**
   - Connect the rear camera cable to the main unit's rear camera input.
   - Route the rear camera cable neatly along the vehicle's headliner and pillars to the rear camera.
   - Connect the car charger to the main unit's Type-C port and plug it into your vehicle's 12V power outlet (cigarette lighter).
6. **Insert MicroSD Card:** Insert the provided 64GB MicroSD card into the TF card slot until it clicks into place. Ensure the card is inserted correctly.
7. **Power On:** Start your vehicle. The dash cam should automatically power on and begin recording.
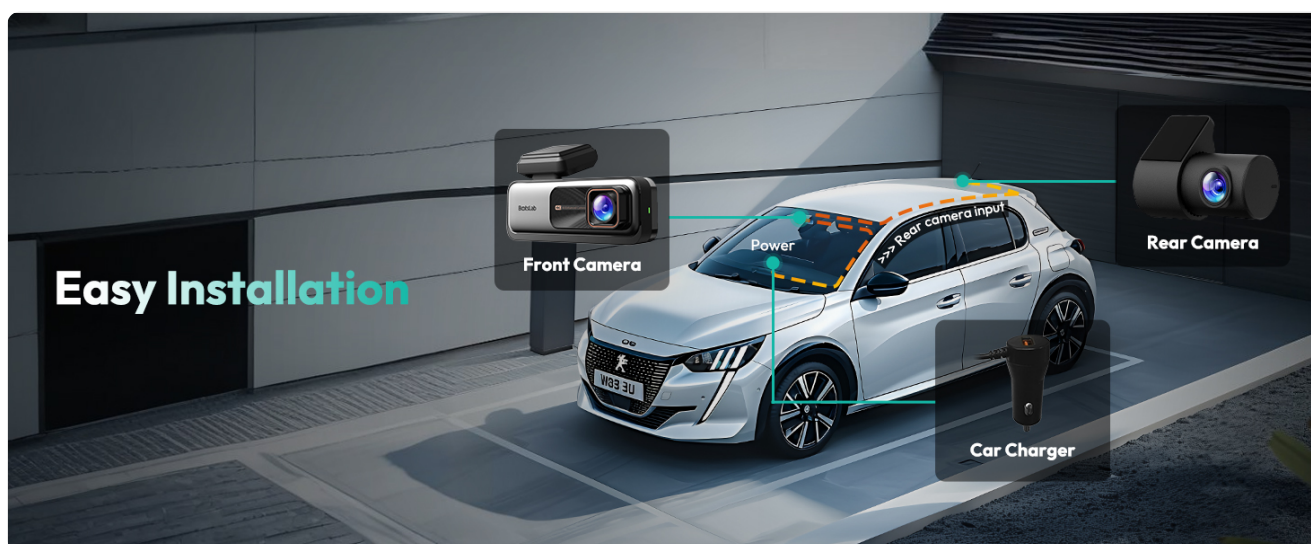

Image 4.1: Visual guide for easy installation of the dash cam system.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **Power On/Off:** The dash cam powers on automatically when your vehicle starts and powers off when the engine is turned off. You can also manually power it on/off using the Power/Setting key.

- **Recording:** Once powered on, the dash cam automatically begins loop recording.
- **Switch Camera View:** Press the Switch Key to toggle between front camera view, rear camera view, or picture-in-picture display on the screen.
- **Access Album:** Press the Album Key to view recorded videos and photos.

5.2 Voice Control

The G980H Pro supports voice commands for hands-free operation. Ensure you speak clearly and directly to the device. Voice control features are currently available in English only.
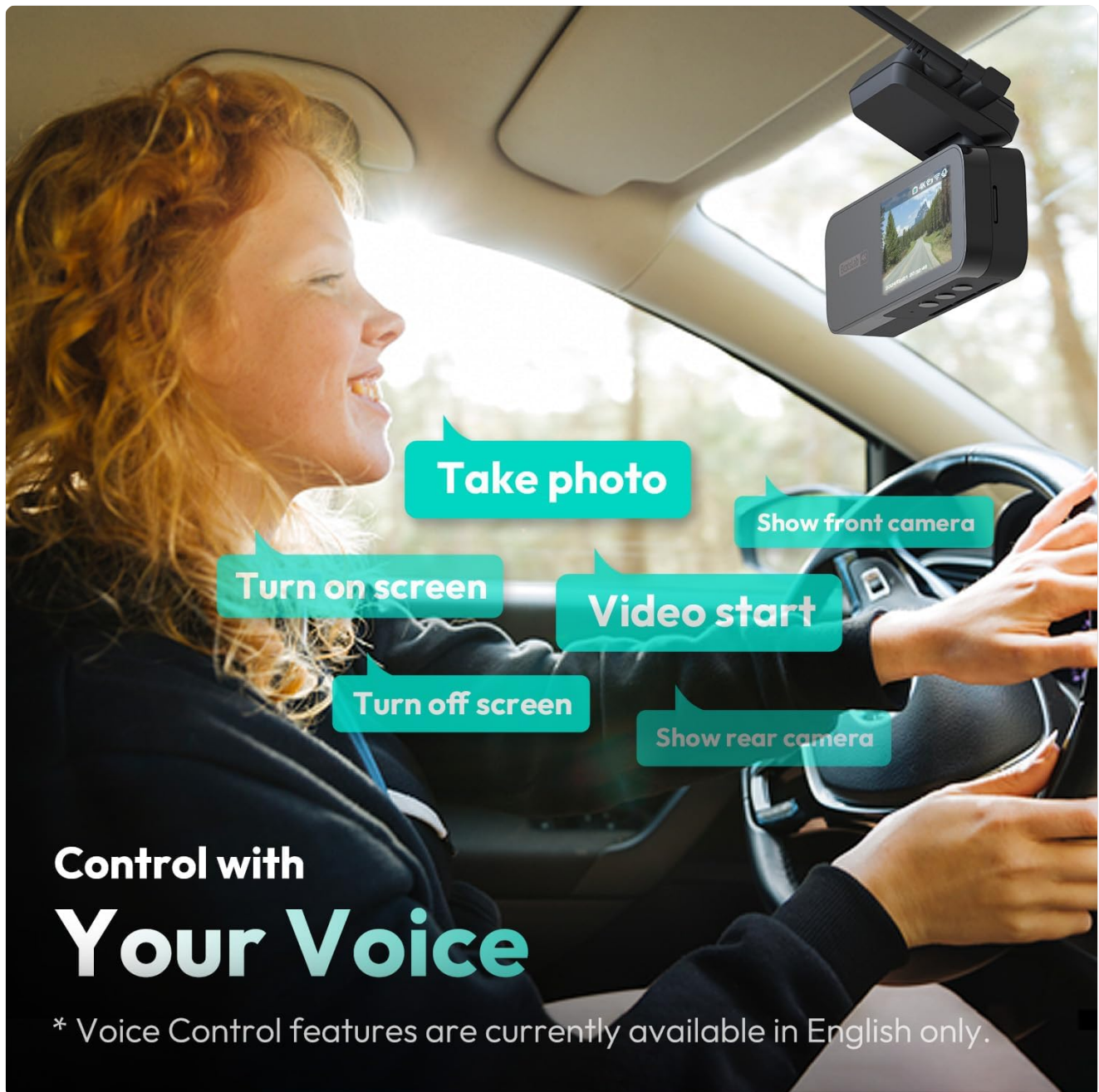

Image 5.1: Hands-free operation using voice commands.

- "Turn on screen"
- "Turn off screen"
- "Take photo"
- "Show front camera"
- "Show rear camera"
- "Video start"

6. ADVANCED FEATURES

6.1 High-Resolution Recording & Night Vision

The G980H Pro captures crystal-clear footage with its true 4K front camera and 2K rear camera. Equipped with WDR (Wide Dynamic Range) technology and Sony STARVIS sensor, it ensures excellent image quality even in challenging lighting conditions, including low light and night driving.

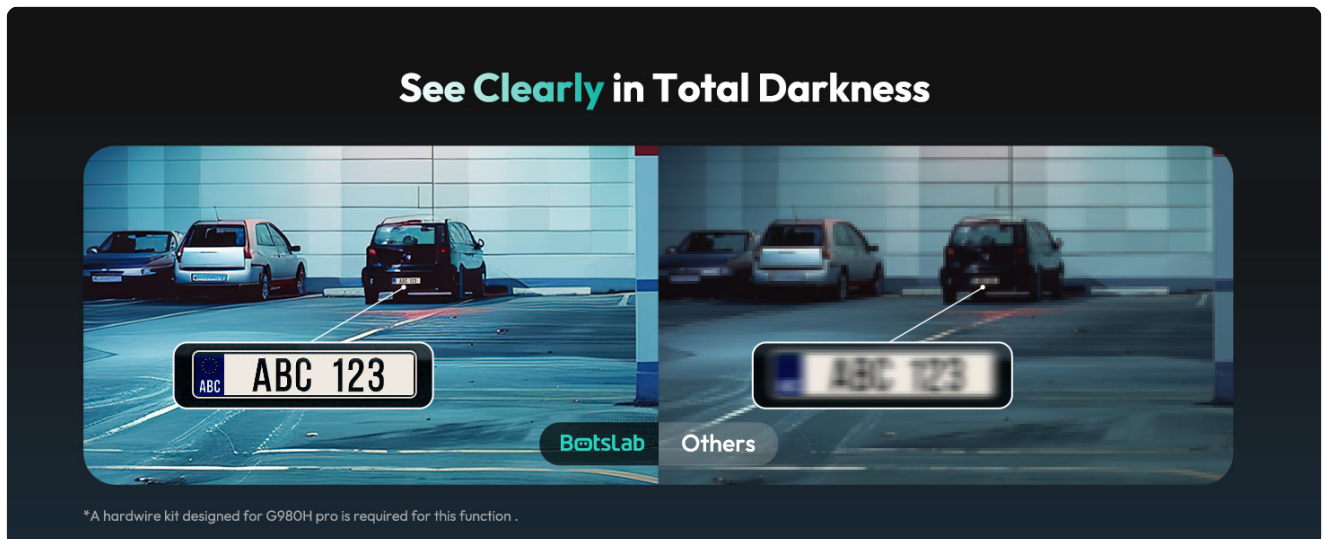Image 6.1: Superior clarity of 4K front and 2K rear recording.

Image 6.2: Enhanced night vision for clear footage in low light conditions.

6.2 ADAS Safety Alerts

The Advanced Driver Assistance System (ADAS), powered by AI NPU and BOTSLAB's AI algorithm, provides real-time alerts to enhance driving safety.

Image 6.3: Visual representation of ADAS-powered driving assistance alerts.

- **Front Car Start:** Alerts if the car in front moves over 6.5 feet and you're stopped.
- **Pedestrians in Vicinity:** Detects pedestrians up to 33 feet away, works at 6-25 mph.
- **Too Close:** Warns if you're too close (<16 feet) to the front car at over 19 mph.
- **Lane Deviation:** Notifies of lane drifts if over 2 seconds at speeds above 37 mph.
- **Driver Fatigue Reminder:** Provides alerts if you have been driving continuously for an extended period, prompting you to take a break.

Image 6.4: Driver Fatigue Reminder to promote safe driving.

6.3 24/7 Parking Mode & Emergency Protection

Protect your vehicle even when parked. When connected to a hardwire kit (sold separately, ASIN: B0DT1633D2), the dash cam provides continuous surveillance.

Image 6.5: Secure parking surveillance with time-lapse and collision detection.

- **Time-Lapse Recording:** Records 1 frame per second, up to 24 hours, conserving storage space.
- **Collision-Detected Recording:** Auto-activates and records 1 minute of emergency footage during a collision.
- **G-Sensor:** Automatically locks and saves footage upon detecting sudden shakes or collisions, preventing overwriting of critical event videos.

Image 6.6: G-Sensor ensures emergency recordings are protected.

6.4 5.8GHz WiFi & GPS Integration

Connect your dash cam to the companion app via 5.8GHz WiFi for fast data transfer and real-time access to footage. The built-in GPS tracks your driving route and speed, which can be reviewed using DV playback software on your computer.

Image 6.7: Built-in GPS for recording and reviewing your routes.

Image 6.8: Manage and share footage easily with the Botslab App and 5.8GHz WiFi.

6.5 Seamless Loop Recording

The dash cam supports seamless loop recording, ensuring continuous monitoring by overwriting the oldest unlocked footage when the MicroSD card is full. It supports up to 256GB storage (64GB MicroSD card included).

Image 6.9: Uninterrupted monitoring with seamless loop recording.

6.6 Super Capacitor for Enhanced Safety

Engineered with a super capacitor, the G980H Pro enhances safety by preserving data during sudden power loss. It withstands extreme temperatures from -20°C to 70°C, ensuring reliable performance in various climates.

Image 6.10: Super capacitor for durability and data preservation.

7. MAINTENANCE

To ensure the longevity and optimal performance of your BOTSLAB G980H Pro Dash Cam, follow these maintenance guidelines:

- **Clean Lenses:** Regularly clean the front and rear camera lenses with a soft, lint-free cloth to ensure clear recording quality. Avoid abrasive materials that could scratch the lenses.
- **Check MicroSD Card:** Periodically check the MicroSD card for errors or degradation. It is recommended to format the card every few months to maintain optimal performance and prevent data corruption. Back up any important footage before formatting.
- **Firmware Updates:** Check the Botslab app or official website for any available firmware updates. Keeping your dash cam's firmware up-to-date ensures you have the latest features and bug fixes.
- **Cable Management:** Ensure all cables are securely routed and not interfering with vehicle operation or safety features. Avoid sharp bends or pinching of cables.
- **Temperature Exposure:** While the super capacitor allows for operation in extreme temperatures, prolonged exposure to direct sunlight in very hot conditions or extreme cold when not in use can affect overall lifespan. If possible, park in shaded areas during hot weather.

8. TROUBLESHOOTING

If you encounter issues with your dash cam, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Dash cam does not power on.	No power from car charger; faulty cable; loose connection.	Check car charger connection and vehicle's 12V outlet. Try a different USB power source if available. Ensure cables are securely connected.
Recording stops or footage is corrupted.	MicroSD card full; faulty MicroSD card; low-quality MicroSD card.	Format the MicroSD card regularly. Replace the MicroSD card if issues persist (use a high-endurance card). Ensure loop recording is enabled.
Poor video quality (blurry, dark).	Dirty lens; protective film still on lens; incorrect settings.	Clean the camera lenses. Remove any protective film. Check video resolution settings in the menu.
Voice control not responding.	Microphone obstructed; speaking too softly/unclearly; language setting.	Ensure microphone is clear. Speak clearly and directly. Confirm voice control is enabled and set to English.
Wi-Fi connection issues.	Incorrect password; too far from device; app issues.	Ensure correct Wi-Fi password. Stay close to the dash cam. Restart the app and dash cam.
Parking mode not working.	Hardwire kit not installed; incorrect settings.	Parking mode requires a dedicated hardwire kit (sold separately). Ensure it is correctly installed and parking mode is enabled in settings.

If these solutions do not resolve your issue, please refer to the support section for further assistance.

9. SPECIFICATIONS

Detailed technical specifications for the BOTSLAB G980H Pro Dual Dash Cam:

Feature	Description
Product Dimensions	5.51 x 4.33 x 2.76 inches
Item Weight	1.52 pounds
Item Model Number	G980H Pro
Connectivity Technologies	Bluetooth, 5.8GHz WiFi
Special Features	24/7 Parking Mode with GPS Tracking, ADAS Alerts & Driver Fatigue Reminders, WDR, Super Capacitor, Voice Control, 4K+2K Dual Cam, 360° Rotatable Rear Camera
Color	Black
Manufacturer	BOTSLAB

Feature	Description
Country of Origin	China
Video Capture Resolution	2160p (4K Front), 1440p (2K Rear)
Mounting Type	Windshield Mount
Storage	Supports up to 256GB MicroSD card (64GB included)
Operating Temperature	-20°C to 70°C

10. WARRANTY AND SUPPORT

BOTSLAB is committed to providing excellent customer service and product support.

10.1 Warranty Information

- **365-Day Quality Guarantee:** Your product is covered by a 365-day quality guarantee from the date of purchase.
- **30-Day Free Returns:** Enjoy hassle-free returns within 30 days of purchase.

10.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact BOTSLAB support through the following channels:
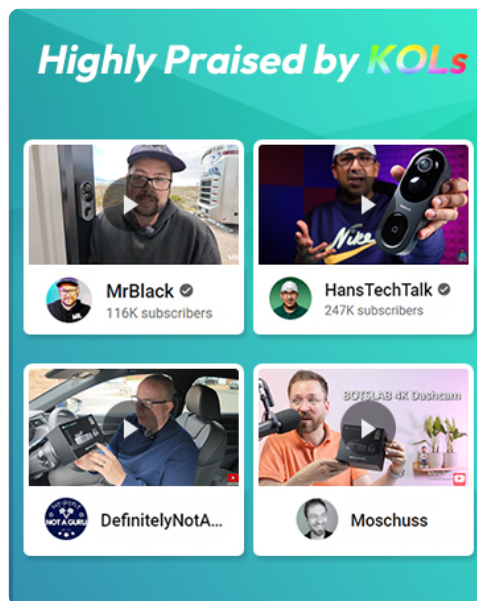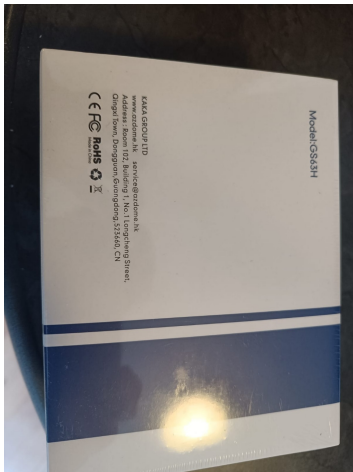

Image 10.1: BOTSLAB customer support channels.

- **24 Hours Live Chat:** Download the Botslab APP, register and sign in, then navigate to Me > Support > Live Chat.
- **Official Website:** Visit global.botslab.com for FAQs, product information, and support resources.
- **Email Support:** Send your inquiries to Service@botslab.com.
- **Botslab Users Group:** Join the official Botslab Users Group on Facebook for community support and discussions.

- **Lifetime Technical Help:** BOTSLAB provides lifetime technical assistance for its products.
- **48 Hours Fast Support:** Expect a prompt response from our support team within 48 hours.

Documents - BOTSLAB – G980H Pro

[AZDOME GS63H Dashcam Product Information](#)
Details for the AZDOME GS63H dashcam, including manufacturer information, contact details, and compliance markings.
lang: score:14 filesize: 82.51 K page_count: 1 document date: 2025-04-08