



Manuals.plus /

› Avylet /

› Avylet A1 Dash Cam User Manual

Avylet A1

Avylet A1 Dash Cam User Manual

Model: A1

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Avylet A1 Dash Cam. Please read this manual thoroughly before using the product to ensure proper function and safety.

PRODUCT OVERVIEW AND COMPONENTS

The Avylet A1 Dash Cam is a compact, high-resolution front-facing dash camera designed to record your driving journey. It features 2K (1440P) recording, WiFi connectivity for smartphone integration, a G-sensor for impact detection, and 24-hour parking monitoring capabilities.

Package Contents:

- Avylet A1 Dash Cam (Front Camera)
- Adhesive Mount
- Static Electricity Sticker
- Car Charger (Cigarette Lighter Power Cable, 4m length)
- Wire Clips (5 pieces)
- User Manual

Note: A microSD card is not included and must be purchased separately. An external GPS module is also sold separately.

Product Diagram:



Figure 1: Avylet A1 Dash Cam and its smartphone app interface. The dash cam features a lens on the front, a 1.5-inch IPS screen on the back, and control buttons for navigation.

SETUP

1. Memory Card Installation and Formatting

1. Insert a compatible microSD card (16GB to 128GB, UHS-I, C10/U1/U3/V10/V30) into the dash cam's memory card slot.
2. Before first use, format the memory card to FAT32 using the dash cam's settings menu to ensure proper functionality. Refer to the 'Operating Instructions' section for menu navigation.



Figure 2: Illustrates inserting a microSD card into the dash cam. The device supports up to 128GB cards.

The dash cam supports microSD cards up to 128GB. Ensure the card is formatted to FAT32 before use to prevent

recording issues. High-speed cards (UHS-II) are not supported.

2. Dash Cam Installation

1. Clean the area on your windshield where you intend to mount the dash cam.
2. Apply the static electricity sticker to the chosen area on the windshield.
3. Attach the adhesive mount to the static electricity sticker.
4. Mount the dash cam onto the adhesive mount. The mount allows for 360° horizontal and 90° vertical rotation for optimal viewing angle adjustment.
5. Connect the car charger cable to the dash cam and plug the other end into your car's cigarette lighter socket. Use the provided wire clips to neatly route the cable, ensuring it does not obstruct your view.



Figure 3: Diagram showing the installation process of the dash cam and proper cable management using wire clips.

The compact size of the dash cam allows it to be discreetly placed behind the rearview mirror, minimizing obstruction to the driver's view.

3. Smartphone App Connection (WiFi)

1. Download the free "Avylet" app from the App Store (for iPhone) or Google Play (for Android). Ensure you have the latest version of the app.
2. On the dash cam, stop recording and enter the settings menu to turn on the WiFi function. Alternatively, press the second button from the left directly to toggle WiFi on/off. After turning on WiFi, return to the recording screen and save the settings.
3. On your smartphone, go to WiFi settings and connect to the dash cam's WiFi network.
4. Open the Avylet app. You can now access real-time video, adjust settings, and download recorded files to your phone.



Figure 4: The Avylet app interface, showing options for real-time viewing and file management.

The app allows for convenient control and access to your dash cam's features. Note that simultaneous WiFi connection to both the dash cam and a car screen from the same smartphone is not possible.

4. External GPS Module (Optional)

If you have purchased an external GPS module (sold separately), connect it to the designated port on the dash cam. This module records accurate location, speed, and route information, which can be crucial evidence in case of an incident. To play back videos with GPS data, a specialized player is required. Contact customer support for information on obtaining the GPS module and player.



Figure 5: The dash cam connected to an external GPS module, illustrating how location data is integrated.

OPERATING INSTRUCTIONS

1. Automatic Recording and Loop Recording

The dash cam automatically starts recording when the car engine is turned on. It features loop recording, which continuously records video in segments (e.g., 1, 3, or 5 minutes). When the memory card is full, the oldest unlocked files are automatically overwritten. This ensures continuous recording without manual intervention.



Figure 6: Illustration of the loop recording function, showing how older files are overwritten to ensure continuous recording.

2. G-Sensor (Emergency Recording)

The built-in high-sensitivity G-sensor detects sudden impacts or collisions. When an impact is detected during driving or parking, the current video segment is automatically locked and saved in an "Emergency Recording" folder. These files are protected from being overwritten by loop recording, serving as crucial evidence.



Figure 7: Depicts the G-sensor detecting an impact and automatically locking the video file for protection.

3. 24-Hour Parking Monitoring

The dash cam offers two modes for 24-hour parking monitoring to protect your vehicle:

- **Time-lapse Recording:** Records periodically while the engine is off, compiling the footage into a time-lapse video.
- **Motion Detection:** If motion is detected within the camera's field of view, it automatically starts a 30-second video recording. If a G-sensor event occurs during motion detection recording, that video will be locked.

Note: This product does not have a built-in battery. To enable 24-hour parking monitoring, an ACC step-down cable (Type-C compatible, sold separately) is required to provide continuous power. Please contact customer support for details.



Figure 8: Visual representation of motion detection and time-lapse recording for parking surveillance.

4. Super Night Vision and WDR

Equipped with an F/1.6 large aperture lens and 6-layer glass lenses, the dash cam achieves over 90% light transmittance, enabling clear recording even at night or in low-light conditions. The Wide Dynamic Range (WDR) function automatically adjusts image contrast in environments with significant brightness differences (e.g., backlight, tunnel entrances), preventing overexposure and underexposure.



Figure 9: Demonstrates the effectiveness of WDR in balancing exposure in varying light conditions.

5. OTA Firmware Updates

The dash cam supports Over-The-Air (OTA) firmware updates. You can download and install the latest firmware for free via the smartphone app, ensuring your dash cam always has the best performance and features. For Android users, download the firmware in a network-connected environment first, then connect to the dash cam's WiFi via the app to perform the upgrade.

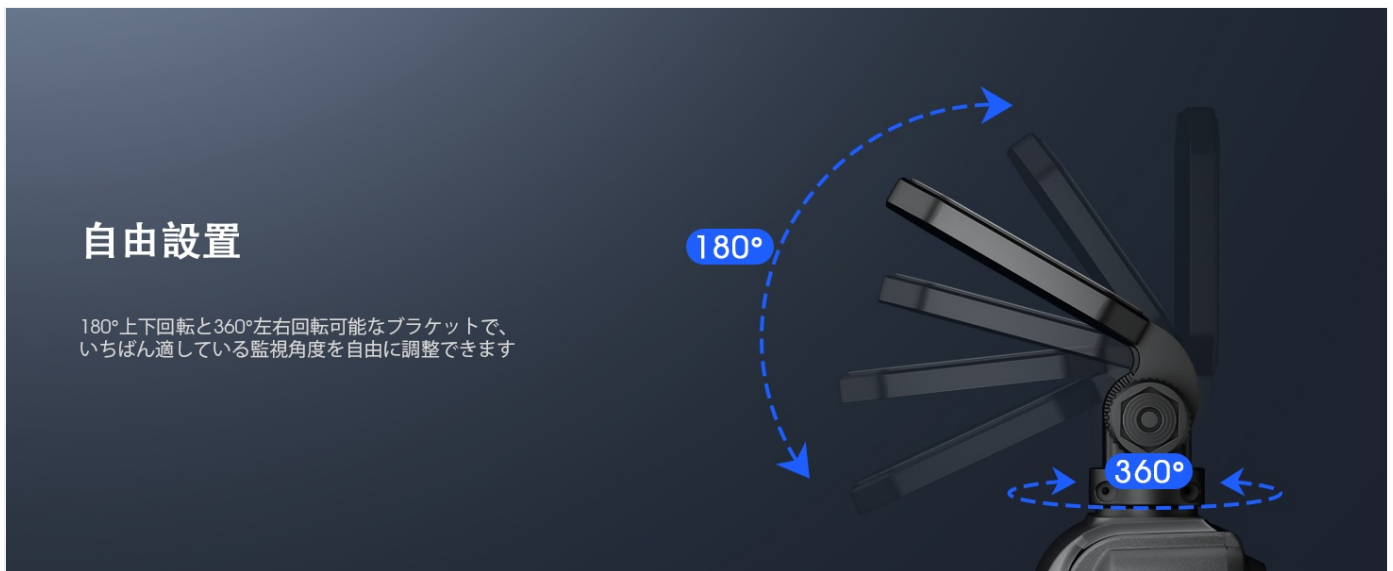


Figure 10: Illustrates the OTA firmware update process using the smartphone application.

MAINTENANCE

- **Lens Protection Film:** Ensure the lens protection film is removed before use. Failure to do so may result in blurry recorded images.
- **Memory Card:** Regularly format your microSD card (at least once a month) to maintain optimal recording performance and prevent data corruption.
- **Cleaning:** Use a soft, dry cloth to clean the dash cam's lens and screen. Avoid using abrasive cleaners or solvents.
- **Temperature:** The dash cam is designed to operate in extreme temperatures (-20°C to 70°C) thanks to its supercapacitor. However, avoid prolonged exposure to direct sunlight in extremely hot conditions when the vehicle is parked, if possible.

TROUBLESHOOTING

Common Issues and Solutions:

- **Cannot connect to WiFi / App connection fails:**
 - Ensure WiFi is enabled on the dash cam (stop recording, enter settings, or press the second button from the left).
 - Make sure you are using the latest version of the "Avylet" app. Old app versions may cause connection failures.
 - Ensure your smartphone is physically close to the dash cam. The dash cam's WiFi is designed for in-car use.
- **Recorded images are blurry:**
 - Check if the lens protection film has been removed. Remove it if it's still present.
 - Clean the lens with a soft cloth.
- **Memory card issues (e.g., "Card Error", recording stops):**
 - Ensure the memory card is compatible (16-128GB, UHS-I, C10/U1/U3/V10/V30). High-speed UHS-II cards are not supported.
 - Format the memory card to FAT32 using the dash cam's settings.
 - Try a different, high-quality memory card.
- **Dash cam does not power on or record:**

- Ensure the car charger is properly connected to the cigarette lighter socket and the car's engine is on. The dash cam is not battery-operated.
- If your vehicle does not have a cigarette lighter socket, contact customer support for compatible car chargers.
- **iPhone users cannot save videos to phone album or play GPS videos:**
 - iPhone users can only save recorded files to the app's album, not directly to the phone's photo album.
 - To play back video files with GPS data on an iPhone, you may need to download a third-party media player like VLC Media Player. Android phones can play directly.

SPECIFICATIONS

Brand	Avylet
Model Number	A1
Screen Size	1.5 inches IPS LCD
Video Capture Resolution	1440p (2K QHD)
Field of View	170 degrees
Special Features	G-Sensor, WiFi, Smartphone Linkage, Parking Monitor, External GPS Module Support, Continuous Recording, Super Night Vision, WDR
Mounting Type	Front Glass Mount
Control Method	App
Product Dimensions	3.5 x 4.6 x 5 cm
Product Weight	39 g
Power Input	DC12-24V
Memory Card Support	16GB-128GB (UHS-I, C10/U1/U3/V10/V30)

WARRANTY AND SUPPORT

Your Avylet A1 Dash Cam comes with a **1-year warranty** from the date of purchase. If you encounter any issues or have questions regarding the product, please do not hesitate to contact us. Our support team aims to respond within 24 business hours and can assist with technical support, product exchanges, or refunds.

You can reach us through:

- The contact information provided in the included user manual (e.g., Line ID).
- Your Amazon order history: Go to "Order History" -> "Problem with order".

We are committed to providing optimal solutions and ensuring your satisfaction.

