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Avylet A1

Avylet Dash Cam A1 Instruction Manual

Model: A1

Introduction

Welcome to the Avylet Dash Cam A1 user manual. This document provides comprehensive instructions for setting up, operating, and maintaining your new dash camera. The Avylet A1 is designed to capture high-quality video footage of your journeys, offering enhanced safety and peace of mind on the road. Featuring 2K Quad HD resolution, Wi-Fi connectivity, and advanced parking surveillance, this compact device is an essential companion for any vehicle.



Image: The Avylet Dash Cam A1 shown alongside a smartphone displaying its live view and integrated map features.

What's in the Box

Please check the contents of your package to ensure all items are present:

- 1 x Avylet Dash Cam A1
- 1 x User Manual
- 1 x Car Charger
- 1 x Adhesive Bracket
- 1 x Electrostatic Sticker
- 5 x Cable Clips

Note: The suction cup mount and memory card are not included and must be purchased separately.

Product Features

The Avylet Dash Cam A1 is equipped with several advanced features to enhance your driving experience and vehicle security.

2K Quad HD & 170° Wide Angle

Capture critical details such as license plates and road signs with crystal-clear 2K Quad HD resolution. The expansive 170° wide-angle lens provides a comprehensive view of the road, effectively minimizing blind spots and ensuring thorough coverage of your surroundings.



Image: The Avylet Dash Cam A1 with icons illustrating its key features: 2K QHD, 170° Wide Angle, Wi-Fi, External GPS, Super Night Vision, Parking Monitor, and Super Capacitor.

Your browser does not support the video tag.

Video: Demonstration of the 1440P recording capability, showcasing the clarity and detail captured by the dash cam.

Your browser does not support the video tag.

Video: Illustrates the genuine 2K resolution and wide 170-degree front view, highlighting the extensive coverage.

Built-in Wi-Fi & Customized Free App

Connect your dash cam to the Avylet App via built-in Wi-Fi for seamless control. Adjust settings, perform over-the-air (OTA) updates, view live streams, and play back footage directly on your smartphone. Easily download and share videos and photos instantly.



Image: The Avylet Dash Cam A1 connected wirelessly to a smartphone, demonstrating the built-in Wi-Fi functionality for live viewing and settings adjustment.

External GPS Module Support

An optional GPS module (not included) allows the dash cam to record real-time driving data, including speed, location, driving route, and time. This information is accessible when playing back videos on your computer, providing vital evidence for insurance claims or route analysis.



Image: The Avylet Dash Cam A1 connected to an external GPS module, with a map overlay illustrating its route tracking capabilities.

2K Super Night Vision

Equipped with a large F1.6 aperture and a 6-glass lens, the dash camera optimizes light intake and minimizes motion blur. Advanced WDR (Wide Dynamic Range) technology ensures clear and detailed night vision by automatically adjusting exposure in

low-light conditions, providing enhanced visibility during nighttime driving.



Image: The Avylet Dash Cam A1's 2K Super Night Vision capabilities are highlighted, showing a clear night scene captured by the camera and its lens components.

24/7 Parking Surveillance

For continuous protection, activate the 24/7 Parking Surveillance feature with an additional hardwire kit (not included). The dash cam automatically switches to Parking Mode when your car is off. You can customize Parking Mode to record a 30-second video upon motion detection or use Time-Lapse Recording for continuous footage with minimal power usage.



Image: The Avylet Dash Cam A1 demonstrating its 24-hour parking monitor feature, with examples of motion detection and time-lapse recording.

Super Capacitors for Extreme Weather

The Avylet A1 utilizes super capacitors instead of traditional lithium batteries, offering superior temperature resistance (-4°F to 158°F). This design enhances safety by eliminating the risk of thermal expansion and ensures reliable long-term operation with up to 30% higher efficiency.



Image: A close-up of the Avylet Dash Cam A1, emphasizing its super capacitor technology for resilience in extreme temperatures.

Loop Recording & G-Sensor

The dash camera continuously records in segments (e.g., 1, 3, or 5 minutes). When the memory card is full, the oldest unlocked files are automatically overwritten to make space for new recordings. The built-in G-Sensor detects sudden impacts or rapid acceleration/deceleration. When triggered, it automatically locks the current video segment, preventing it from being overwritten by loop recording. This ensures critical event footage is preserved. You can adjust the G-Sensor sensitivity (low, medium, high) in the settings.

Compact Mini Design & IPS Screen

The compact design (1.96x1.37x1.81 inches WDH) allows the dash cam to fit discreetly behind your rearview mirror without obstructing your view. The 1.5" IPS screen provides easy access to settings, real-time viewing, and playback.



Image: The Avylet Dash Cam A1 highlighting its mini body and 1.5-inch IPS screen, designed for discreet placement.

Setup Guide

1. Prepare Memory Card

A memory card (up to 128GB) is required for recording and is not included. Before first use, insert the memory card into the dash cam while it is powered off. It is recommended to format the memory card within the dash cam's settings for optimal performance.

2. Installation

The Avylet A1 comes with an adhesive mount for secure attachment to your windshield.

1. Clean the desired area on your windshield thoroughly.
2. Apply the electrostatic sticker to the windshield first, then attach the adhesive mount to the sticker. This allows for easier repositioning if needed.
3. Attach the dash cam to the adhesive bracket. The rotatable bracket allows for flexible adjustments to attain your preferred recording angle.
4. Use the provided cable clips to neatly route the power cable along the edges of your windshield and dashboard, ensuring it does not obstruct your view or interfere with driving.

Note: If your adhesive mount is deformed or won't install properly, contact customer service for a replacement.

3. Power Connection

Connect the included car charger to the dash cam's Type-C interface and plug the other end into your vehicle's cigarette lighter socket. The dash cam will power on automatically when the vehicle starts.

4. Wi-Fi & App Connection

Download the latest Avylet app from your smartphone's app store.

1. On the dash cam, short press the Wi-Fi button (the second button from the left) in Non-Recording State to turn on Wi-Fi.
2. On your smartphone, connect to the dash cam's Wi-Fi network (SSID and password usually displayed on the dash cam screen).
3. Open the Avylet app. Grant necessary permissions (camera, location, local network) for a smooth connection.
4. If you experience issues with live view, turn off cellular data on your phone and try again. If you still cannot access memory card videos, download them to your phone's album for viewing.

Operating Instructions

Loop Recording

The dash cam continuously records in segments (e.g., 1, 3, or 5 minutes). When the memory card is full, the oldest unlocked files are automatically overwritten to make space for new recordings.

G-Sensor (Collision Detection)

The G-Sensor detects sudden impacts or rapid acceleration/deceleration. When triggered, it automatically locks the current video segment, preventing it from being overwritten by loop recording. This ensures critical event footage is preserved. You can adjust the G-Sensor sensitivity (low, medium, high) in the settings.

Parking Monitor

With the optional hardwire kit, the dash cam can monitor your vehicle 24/7.

- **Motion Detection:** Records a 30-second video when motion is detected in the dash cam's field of view.
- **Time-Lapse Recording:** Captures frames at set intervals (e.g., 1, 2, 5, or 10 frames per second) and compiles them into a continuous video, ideal for extended parking surveillance with minimal power consumption.

Screen Saver

To minimize distractions while driving, the dash cam's screen can be set to turn off after a specified period (e.g., 30 seconds or 1 minute). The dash cam continues recording even with the screen off.

Maintenance

- **Memory Card:** Regularly format your memory card (e.g., once a month) to prevent data corruption and ensure smooth operation. Back up important footage before formatting.
- **Cleaning:** Use a soft, dry cloth to clean the dash cam lens and screen. Avoid abrasive cleaners or solvents.
- **Temperature:** While the super capacitors provide excellent temperature resistance, avoid prolonged exposure to extreme heat or cold when the device is not in use.
- **Firmware Updates:** Check the Avylet website or app periodically for firmware updates. Keeping your dash cam's firmware up-to-date ensures optimal performance and access to new features.

Troubleshooting

- **Dash cam not turning on:** Ensure the car charger is properly connected and the vehicle's power outlet is functioning. Check the power cable for any damage.
- **Wi-Fi connection issues:** Ensure the dash cam's Wi-Fi is enabled. Try turning off your phone's cellular data before connecting to the dash cam's Wi-Fi. Restart both the dash cam and your phone.
- **Memory card errors:** Ensure the memory card is inserted correctly. Format the memory card within the dash cam's settings. If issues persist, try a different high-quality memory card (up to 128GB).
- **Adhesive mount not sticking:** Ensure the windshield surface is clean and dry before applying the electrostatic sticker and mount. If the mount is deformed, contact customer service for a replacement.
- **Poor video quality at night:** Ensure the lens is clean. Verify that WDR and Super Night Vision features are enabled in the settings.

Specifications

Feature	Specification
Model Name	A1
Product Dimensions	1.97 x 1.38 x 1.81 inches (WDH)
Item Weight	1.41 ounces
Video Capture Resolution	2K (1440P)
Lens Angle	170° Wide Angle
Aperture	F1.6
Screen Type	1.5" IPS Screen
Connectivity	Wi-Fi
Storage Support	Up to 128GB MicroSD Card (not included)
Power Source	Super Capacitor
Operating Temperature	-4°F to 158°F (-20°C to 70°C)
Special Features	Built-in Wi-Fi, External GPS Module Support (optional), 2K FHD Super Night Vision, Parking Monitor, G-Sensor

Warranty and Support

Your Avylet Dash Cam A1 is backed by a comprehensive 2-year warranty and lifelong technical support.
For any questions, assistance, or to access support, please reach out to us directly or visit our official website atAvylet.com. We are committed to responding to your inquiries within 12 hours.

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