

Jzones V620

Jzones V620 Dash Cam User Manual

Model: V620 | Brand: Jzones

1. INTRODUCTION

The Jzones V620 Dash Cam is a high-performance dual dash camera system designed to capture clear footage of your journeys. Featuring 4K UHD (3840x2160P) front and Full HD 1080P rear recording, advanced night vision, and integrated GPS, it provides comprehensive coverage and essential data for your driving safety. Seamless Wi-Fi connectivity allows for easy management via a dedicated app, making it an ideal companion for any driver.

2. WHAT'S IN THE BOX

- Jzones V620 Dash Cam (Front Unit)
- Rear Camera
- Charging Cable (Car Charger)
- 64GB MicroSD Card
- Mounting Accessories



Figure 2.1: Contents of the Jzones V620 Dash Cam package.

3. SETUP

- 1. Insert MicroSD Card:** Gently insert the provided 64GB MicroSD card into the dash cam's card slot until it clicks into place. Ensure the card is oriented correctly.
- 2. Mount the Front Dash Cam:** Securely attach the main dash cam unit to your vehicle's windshield, typically behind the rearview mirror, using the adhesive mount or suction cup mount (if provided). Ensure it does not obstruct your driving view and has a clear line of sight to the road ahead.
- 3. Install Rear Camera (Optional):** If using the rear camera, mount it on the rear windshield. Route the rear camera cable neatly along the vehicle's headliner and pillars to the main dash cam unit. Connect the rear camera cable to the designated port on the main unit.
- 4. Connect Power:** Plug the car charger into your vehicle's 12V power outlet (cigarette lighter socket) and connect the other end to the dash cam's power input port.
- 5. Adjust Camera Angle:** Once powered on, adjust the lens angle of both the front and rear cameras to ensure

they capture the desired field of view. The front camera has a 170° wide-angle lens, and the rear camera has a 140° lens.

Easy Installation



Figure 3.1: Easy installation guide for the Jzones V620 Dash Cam.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

The dash cam is designed to automatically power on and begin recording when your vehicle's ignition is turned on. It will automatically power off shortly after the ignition is turned off.

4.2 Recording Modes

- **Normal Recording:** Continuously records video in 4K UHD for the front camera and 1080P for the rear camera when the vehicle is in motion.
- **Loop Recording:** When the MicroSD card is full, the dash cam automatically overwrites the oldest unlocked video files to ensure continuous recording.
- **G-Sensor (Emergency Recording):** In the event of a sudden impact or collision, the built-in G-sensor will automatically lock the current video segment, preventing it from being overwritten by loop recording.

Front 4K + Rear 1080P

2-Channel Recording



4.3 Advanced Features

- Night Vision:** Equipped with an F1.8 large-aperture lens and 6-layer glass optics, along with HDR/WDR technology, the dash cam delivers sharp, balanced video even in low-light conditions.

Figure 4.1: Dual-channel recording capabilities.

Super Night Vision

* Provides better low-light performance and clarity, no motion blur or chromatic aberration.



Light-Balanced Tech



f/1.8 aperture



6-layer Lens



WDR&HDR

00:34



Jzones 2025/6/06 3:12:45 AM

30 MPH 00°00"0"

00°00"0"

4k HDR
Night Vision



Figure 4.2: Super Night Vision capabilities.

- Wi-Fi & App Control:** Download the official Jzones app (available for iOS and Android). Connect your smartphone to the dash cam's Wi-Fi network to live-view footage, playback recorded videos, download files to your phone, and share your driving moments.
- Built-in GPS Tracking:** The integrated GPS module accurately logs real-time speed, route history, and precise location data. This information can be reviewed on Google Maps via the Jzones app or dedicated desktop GPS software, providing crucial evidence for accident verification.

GPS Route Tracking

* GPS logs speed and location for easy playback review



Figure 4.3: GPS Route Tracking in action.

- **24H Parking Mode:** For continuous surveillance when your vehicle is parked, the dash cam supports a 24-hour parking mode with time-lapse recording. This feature requires a hardwiring kit (ASIN: B0DPQSR7MH), which is sold separately.

24H Parking Monitor

Comprehensive coverage to ensure car is always protected



*Need to connect the hardwire kit.



Figure 4.4: 24-Hour Parking Monitor for vehicle protection.

- **Extreme Weather Resistance:** The dash cam is built with a supercapacitor instead of a traditional battery, allowing it to withstand extreme hot and cold temperatures, ensuring reliable operation in various climates.

EXTERME WEATHER RESISTANCE

Built-in Supercapacitor to Withstand Extreme Hot & Cold Weather.
No Batteries Inside.



Figure 4.5: Extreme Weather Resistance.

- **2-Channel HDR:** The V620 dash cam is compatible with advanced HDR technology for both cameras. This wider dynamic range enhances details and effectively balances highlights and shadows, ensuring accurate capture of license plate details from all front and rear recordings in fast-moving scenes.

2-Channel HDR

The V620 channel dash cam is compatible with advanced HDR technology for two cameras. The wider dynamic range enhances details and effectively balances highlights and shadows.

Ensure accurate capture of license plate details from all front and rear recordings in fast-moving scenes.

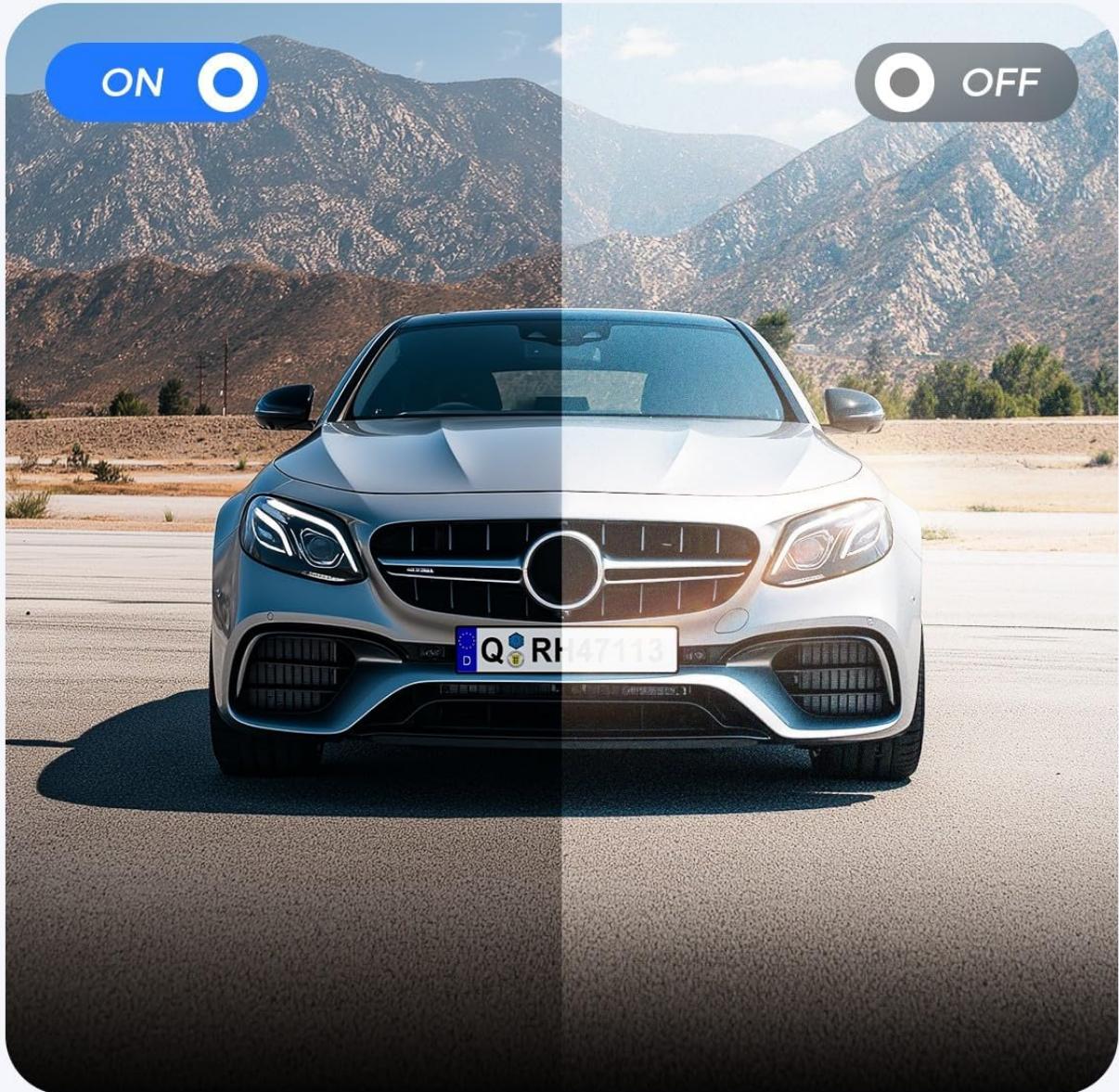


Figure 4.6: 2-Channel HDR for balanced video.

5. MAINTENANCE

- SD Card Management:** To ensure optimal performance and prevent data corruption, it is recommended to format the MicroSD card regularly (e.g., once a month) using the dash cam's menu settings. Always back up important video files before formatting.
- Lens Cleaning:** Keep the camera lenses clean and free from dust, fingerprints, or smudges. Use a soft, lint-free cloth specifically designed for optical surfaces.

- **Firmware Updates:** Periodically check the official Jzones website or the Jzones app for available firmware updates. Keeping your dash cam's firmware up-to-date ensures you have the latest features, bug fixes, and performance improvements.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; loose connection; faulty car charger.	Check power cable connection. Ensure car charger is properly inserted and vehicle's 12V outlet is functional. Try a different power source if available.
Poor video quality / blurry images.	Dirty lens; protective film still on lens; incorrect resolution settings; strong vibrations.	Clean the camera lenses. Remove any protective film. Check video resolution settings in the menu. Ensure the dash cam is securely mounted.
Wi-Fi connection issues.	Incorrect Wi-Fi password; out of range; app issues.	Ensure correct Wi-Fi password. Move closer to the dash cam. Restart both the dash cam and your smartphone. Reinstall the Jzones app if necessary.
GPS not tracking location/speed.	No clear view of sky; GPS module interference.	Ensure the dash cam has an unobstructed view of the sky. Avoid mounting near metallic objects that may cause interference.
MicroSD card error.	Card full; corrupted card; incompatible card.	Format the MicroSD card via the dash cam's menu. If the issue persists, try a new high-speed (Class 10 or higher) MicroSD card from a reputable brand.

7. SPECIFICATIONS

Feature	Description
Model Number	V620
Front Camera Resolution	4K UHD (3840x2160P) @ 25fps
Rear Camera Resolution	Full HD 1080P
Front Lens Angle	170° Wide-Angle
Rear Lens Angle	140°
Aperture	F1.8

Feature	Description
Night Vision	HDR/WDR Technology, 6-layer glass optics
Connectivity	Built-in Wi-Fi 6, Built-in GPS
Storage	Supports MicroSD Card (64GB included)
Special Features	App Control, 24H Parking Mode (requires hardwiring kit), G-Sensor, Loop Recording, Supercapacitor for extreme temperatures
Product Dimensions	9.41 x 2.44 x 5.55 inches
Item Weight	1.46 pounds

8. WARRANTY AND SUPPORT

The Jzones V620 Dash Cam is backed by an 18-month warranty, ensuring peace of mind regarding your purchase. For any technical assistance, troubleshooting, or customer support inquiries, please refer to the contact information provided in your product packaging or visit the official Jzones website for 24/7 technical assistance.

Related Documents

	<p>Jzones V630 Dashcam: User Manual, Features, and Installation Guide</p> <p>Comprehensive guide to the Jzones V630 dashcam, covering installation, features, settings, troubleshooting, and smartphone connectivity. Learn how to use your dashcam effectively.</p>
	<p>Jzones CarPlay Screen Player User Manual</p> <p>User manual for the Jzones CarPlay Screen Player, detailing its features, connection methods for CarPlay, Android Auto, Apple Airplay, and Android Mirror, as well as functional settings and troubleshooting.</p>
	<p>Jzones U7 Wireless Earphones User Manual</p> <p>User manual for the Jzones U7 Wireless Earphones, covering initial setup, subsequent usage, charging, button functions, wearing instructions, specifications, and safety precautions.</p>