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Sinjet H8

Sinjet H8 8.2" 1080P Front & Rear Dash Cam User Manual

Model: H8 | Brand: Sinjet



Image: Sinjet H8 Mirror Dash Cam installed in a Ford F-150, showcasing its integrated design and wide display.

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Sinjet H8 8.2" 1080P Front & Rear Dash Cam. Designed for Ford F-150 (2018-2024) and F-250/F-350 Super Duty (2020-2024) models, this dash cam offers advanced features for vehicle surveillance and recording. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. WHAT'S IN THE BOX

Product Accessories



Streaming Host (Built-in Bucking Module)



Front Camera



Rear Camera harness



Bracket base



Power main harness

Image: A visual representation of all components included in the Sinjet H8 package, laid out clearly.

- Rearview mirror screen (with built-in voltage protection)
- OEM-compatible front camera
- Rear camera (IP67 waterproof)
- Mounting Type-1 bracket
- Power cable
- Rear camera cable set
- 32GB memory card
- User manual

3. SPECIFICATIONS

Feature	Description
Product Dimensions	13 x 7 x 4 inches
Item Weight	2.6 pounds
Screen Type	8.2-inch IPS Touch Screen
Screen Brightness	1600 nits (peak)
Front Camera Resolution	2K
Rear Camera Resolution	1080P
Front Camera Field of View	108°
Rear Camera Field of View	95°
Night Vision	Advanced Night Vision with Sony IMX 307 CMOS sensor
Rear Camera Waterproof Rating	IP68
Special Features	Built-In Display, G-Sensor, Loop Recording, Parking Monitor, Time-Lapse Recording, Smart Voltage Protection, Expandable Memory (32GB-128GB), Split Design, Wi-Fi & App Control
Mounting Type	Rearview Mirror Mount (OEM-compatible bracket)
Vehicle Service Type	Compatible with Ford F-150 (2009-2016, 2021-2024), F-250/F-350 Super Duty (2020-2024)

4. SETUP AND INSTALLATION

The Sinjet H8 dash cam is designed for OEM-style integration. Follow these steps for a secure and discreet installation.

4.1 Installation Overview

Your browser does not support the video tag.

Video: Detailed installation guide for the Sinjet H8 dash cam in a Ford F-150, demonstrating each step from removing the original mirror to routing cables and connecting components.

4.2 Step-by-Step Installation

- 1. Remove Original Components:** Carefully remove the original rearview mirror housing and the original rearview mirror from its mount.

2. **Assemble Dash Cam:** Attach the provided OEM-compatible bracket to the Sinjet H8 streaming mirror. Wrap the anti-glare module with protective foam before installation.
3. **Install Dash Cam:** Mount the assembled Sinjet H8 streaming rearview mirror onto the vehicle's original mirror mount.
4. **Connect Front Camera:** Adhere the separate front camera to the windshield and connect its cable to the designated port on the main unit.
5. **Reinstall Housing:** Securely reinstall the original rearview mirror housing around the newly installed dash cam.
6. **Power Connection (Fuse Box):**

24/7 Parking Surveillance

Image: Wiring diagram illustrating the direct fuse-slot connection for power, highlighting constant power and ACC connections. Route the power cable from the dash cam along the A-pillar and down to the vehicle's fuse box. Connect the protocol box power cable and the main unit power cable, tucking away excess wires. Identify the constant power and ACC (Accessory) fuse slots for connection.

7. **Rear Camera Cable Routing:** Connect the rear camera cable to the main unit. Route the cable along the headliner, down the A/B-pillars, and towards the rear of the vehicle. Use a trim tool to tuck cables neatly under panels.

SONY CMOS HD night vision camera

Image: Illustration of the OEM mount and split front camera design, showing hidden wiring and stable installation.

8. **Rear Camera Installation:** Remove the rear trim panel and sound insulation to access the tailgate wiring. Feed the rear camera extension cable through the vent grid and route it under the vehicle to the tailgate. Remove the tailgate trim panel and taillight housing. Detach the taillight. Feed the extension cable into the tailgate via the junction hole. Secure underbody wires with cable ties. Wrap wires with tape at the rear junction for protection. Install the rear camera at the taillight position and wrap the taillight connector with tape.

Connect the rear camera port and tuck away wires. Reinstall all trim and components.

5. OPERATING INSTRUCTIONS

5.1 Display and Controls

Gornet IPS Soft Screen

IPS screen with high color accuracy and clarity even during vibrations



High nite brightness



High viewing angle



High color reproduction



High picture fidelity

Image: Close-up of the Sinjet H8 IPS Soft Light Screen, highlighting adaptive brightness adjustment, high viewing angle, color reproduction, and picture fidelity.

- **IPS Soft Light Screen:** The 8.2-inch IPS touch screen offers 1600 nits peak brightness for clear visibility in direct sunlight. Use intuitive touch controls to navigate menus and settings.
- **Adaptive Brightness:** The screen features adaptive brightness adjustment for optimal viewing in various lighting conditions.
- **Multi-View Control:** Drivers can choose from various display modes including Front, Rear, Split Screen, and Screen Saver to suit personal preferences.

Advanced Aluminum Cooling System



Layered Vent Design

- 30% More Heat Dissipation



Military-Grade Cooling

- Stable in Extreme Heat

Image: Visual representation of the multi-view control options, including front view, rear view, split screen, and screen saver modes.

5.2 Camera Features

Super Night Vision

- Wide dynamic strong light suppression
- White balance fill light
- Multi-exposure
- Digital Overlay
- Variable speed shutter function

SONY IMX 307 CMOS sensor

IP68 waterproof rear camera, no installation drilling required



Image: Diagram illustrating the Super Night Vision capabilities of the Sinjet H8, featuring a Sony IMX 307 CMOS sensor and IP68 waterproof rear camera.

- **Dual Camera Recording:** Equipped with a 2K front camera (108° field of view) and a 1080P rear camera (95° field of view) for comprehensive coverage.
- **Advanced Night Vision:** Features a Sony IMX 307 CMOS sensor for enhanced night vision, providing clear visibility in low light conditions. Includes wide dynamic strong light suppression, white balance fill light, multi-exposure, digital overlay, and variable speed shutter function.



Image: Demonstrates clear visibility in low light, excellent anti-fog performance in rainy conditions, and glare reduction for non-dazzling headlights.

- **IP68 Waterproof Rear Camera:** The rear camera is IP68 rated, ensuring reliable performance in all weather conditions.



Image: Shows the IP68 waterproof rear camera and its recommended installation near the license plate.

5.3 Recording and Surveillance

24/7 Monitoring & Dashcam

Low Voltage Protection

Powered by ACC

Recordable hours

1 fps	121 hours
25 fps	5 hours

Time-lapse mode

Image: Overview of 24/7 monitoring features, including low voltage protection, ACC power, and time-lapse recording modes.

- **Time-Lapse Recording:** Records at 1 frame per second, efficiently saving crucial evidence and optimizing memory usage.
- **Loop Recording:** Automatically overwrites older files when the memory card is full, ensuring continuous recording.
- **Collision Locking (G-Sensor):** The built-in G-sensor detects sudden impacts and automatically locks critical footage, preventing it from being overwritten.
- **24/7 Parking Surveillance:** The dash cam provides continuous parking monitoring. It automatically starts recording with ignition and loops storage. Impact detection triggers recording, and low voltage protection safeguards your car's battery.

WiFi & App Control

Quickly view and download without accessing the memory card

 Live View

 Download

 Share

 Settings






SINJET APP



Image: Illustrates 24/7 parking surveillance with time-lapse recording, impact locking, and low voltage protection.

- **Smart Voltage Protection:** Prevents battery drain by automatically shutting off the dash cam when the vehicle's voltage drops too low, protecting your car's battery during parking surveillance.

5.4 Connectivity

- **Wi-Fi & App Control:** Connect to the Sinjet app via Wi-Fi to quickly view and download recordings, and adjust settings without needing to remove the memory card.

SINJET H8

MIRROR DASH CAM





30FPS



1600 NIT



IPS Screen



Night Vision

Image: Shows a smartphone connected to the Sinjet H8 dash cam via Wi-Fi, demonstrating live view, download, share, and settings options through the Sinjet app.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and camera lenses. Avoid abrasive cleaners or solvents.

- **Memory Card Management:** Regularly format the 32GB memory card (or larger, up to 128GB) to ensure optimal performance and prevent data corruption. Back up important footage before formatting.
- **Firmware Updates:** Check the official Sinjet website or app for any available firmware updates to ensure your dash cam has the latest features and bug fixes.

7. TROUBLESHOOTING

- **Dash Cam Not Powering On:** Check the power cable connection to the fuse box. Ensure both constant power and ACC connections are secure. Verify the vehicle's battery voltage is sufficient.
- **Recording Issues:** Ensure the memory card is properly inserted and formatted. Check if loop recording is enabled. If the card is full, it will overwrite older files, but critical footage should be locked by the G-sensor.
- **Poor Video Quality:** Clean camera lenses. Ensure cameras are securely mounted and not obstructed. Check settings for resolution and night vision modes.
- **Wi-Fi Connection Problems:** Ensure Wi-Fi is enabled on the dash cam and your smartphone. Try restarting both devices. Refer to the app's instructions for specific connection steps.
- **Screen Glare/Visibility:** The IPS screen has high brightness. Adjust screen brightness settings if needed. Ensure the anti-glare module is properly installed.

8. WARRANTY AND SUPPORT

Sinjet is committed to providing high-quality automotive electronics. For any technical assistance, warranty claims, or further inquiries, please contact Sinjet customer support. Refer to your purchase documentation for specific warranty terms and contact information.

You can also visit the official Sinjet store for more information: [Sinjet Store on Amazon](#)