

Justrack JT-3206N-G4W

JusTrack JT-3206N-G4W Mobile NVR Instruction Manual

Model: JT-3206N-G4W

1. INTRODUCTION

The JusTrack JT-3206N-G4W is an advanced 10-channel HD Vehicle NVR designed for comprehensive surveillance and monitoring in fleet management. This Mobile NVR integrates H.265 compression, GPS/BD, 4G connectivity, and multiple input options to ensure optimal performance and robust data protection for vehicle activities and security.

2. KEY FEATURES

- **High-Quality Video Compression:** H.265 compression technology reduces storage costs while providing smooth live streaming and clear picture quality.
- **Multi-Channel Recording:** Supports simultaneous recording from 4-channel IP cameras and 6-channel AHD cameras for flexible and comprehensive coverage.
- **Dual Storage Options:** Equipped with a 2.5-inch SATA HDD (up to 4TB) and an SD card (up to 512GB) for cyclic recording and automatic data management.
- **Advanced Protection:** Features a watchdog abnormal restart function and flameout delay recording for machine and data protection. An on-board UPS provides 8-10 seconds of delay power-off for enhanced data safeguarding.
- **Versatile Connectivity:** Integrates GPS/BD, 3G/4G, and WiFi modules for real-time tracking, remote management, and voice intercom functionalities.

3. ACCESSORY LIST

The following accessories are typically included with your JusTrack JT-3206N-G4W Mobile NVR:

The advertisement features a central image of the JusTrack JT-3206N-G4W Mobile NVR, a black rectangular device with a silver lens and a small display. Above the device, a blue plus sign is flanked by a 4TB HDD/SSD and a 512GB SD Card. The text 'LARGE STORAGE CAPACITY' is prominently displayed at the top, with a subtext stating 'Support up to 4TB HDD+512GB SD Card, intelligent loop recording, automatically coverage without manual clearing, never full disk'. The background is a collage of various urban scenes, including a harbor tunnel, a truck, and a city street at night.

This image illustrates the complete list of accessories included with the JusTrack JT-3206N-G4W Mobile NVR. It typically includes a GPS antenna, 4G antenna, WiFi antenna, keys, remote control, IO cable, power cable, AV cable, USB cable, and a warranty card. Please verify the contents of your package against this list.

4. PRODUCT OVERVIEW

The JusTrack JT-3206N-G4W Mobile NVR is designed for robust performance in vehicle environments. Understanding its components is crucial for proper setup and operation.

≡ ACCESSORY LIST



GPS Antenna



4G Antenna



Wifi Antenna



Keys



Remote Control



IO Cable



Power Cable



AV Cable



USB cable



Warranty card

The image displays the JusTrack JT-3206N-G4W Mobile NVR unit, showcasing its compact design and the capability to display multiple camera feeds simultaneously. The rear panel typically includes ports for DC power (DC8-36V), VGA output, I/O connections, GPS, WiFi, 3G/4G antennas, and AV inputs (AV IN 1-4) and AV OUT. These ports facilitate power, video output, sensor integration, and network connectivity.

5. SETUP

Follow these steps to set up your JusTrack JT-3206N-G4W Mobile NVR:

1. **Unpack and Inspect:** Carefully unpack all components and verify against the accessory list.
2. **Install Storage:**

STRONG EXPANSION FUNCTION

Through the device serial ports, more peripheral applications can be expanded, simple application, convenient configuration, and various solutions can be easily solved (optional function)



This image demonstrates how the JusTrack Mobile NVR unit can be opened to access the internal compartments for installing the SATA HDD/SSD and SD card. Open the NVR casing, install the 2.5-inch SATA HDD/SSD into its bay, and insert the SD card into the designated slot. Secure the casing.

3. **Connect Antennas:** Attach the GPS, 4G, and WiFi antennas to their respective ports on the NVR. Ensure they are securely fastened and positioned for optimal signal reception.
4. **Connect Cameras:** Connect your AHD and IP cameras to the AV IN ports and network ports as required. Refer to your camera's manual for specific connection details.
5. **Connect Power:** Connect the power cable to the DC8-36V input port on the NVR and then to your vehicle's power supply. The NVR supports a wide voltage input range.
6. **Connect Display (Optional):** If a local display is needed, connect a monitor to the VGA output port.
7. **Initial Power On:** Once all connections are secure, power on the vehicle to initiate the NVR.

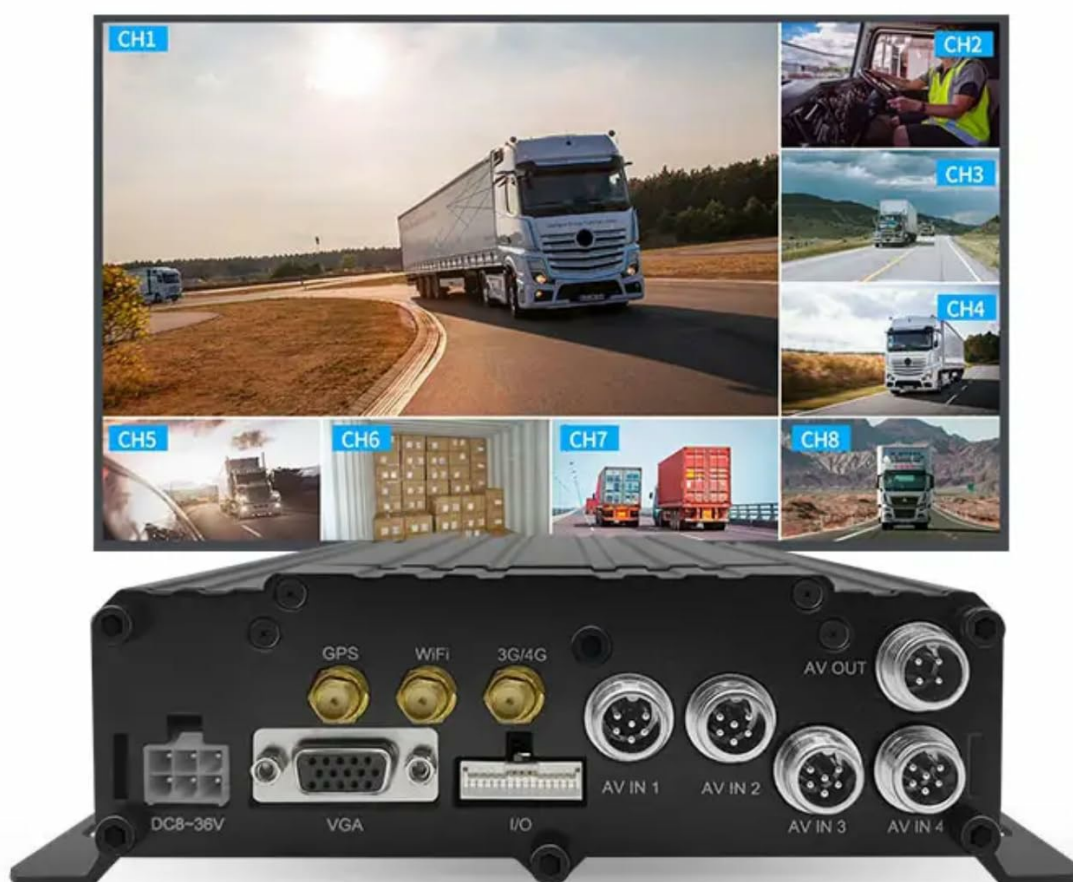
6. OPERATING INSTRUCTIONS

Operating the JusTrack JT-3206N-G4W involves managing recording, accessing data, and utilizing its advanced connectivity features.

6.1. Basic Operation

- **Power On/Off:** The NVR powers on automatically with vehicle ignition and powers off with a delay after ignition is turned off, thanks to the built-in UPS.
- **Recording:** The system automatically begins recording upon power-on. Recordings are stored on the installed HDD/SSD and SD card. Cyclic recording ensures continuous operation by overwriting the oldest data when storage is full.
- **Accessing Recordings:** Recordings can be accessed locally via a connected VGA monitor and USB mouse, or remotely via the PC CMS Client software or mobile application.

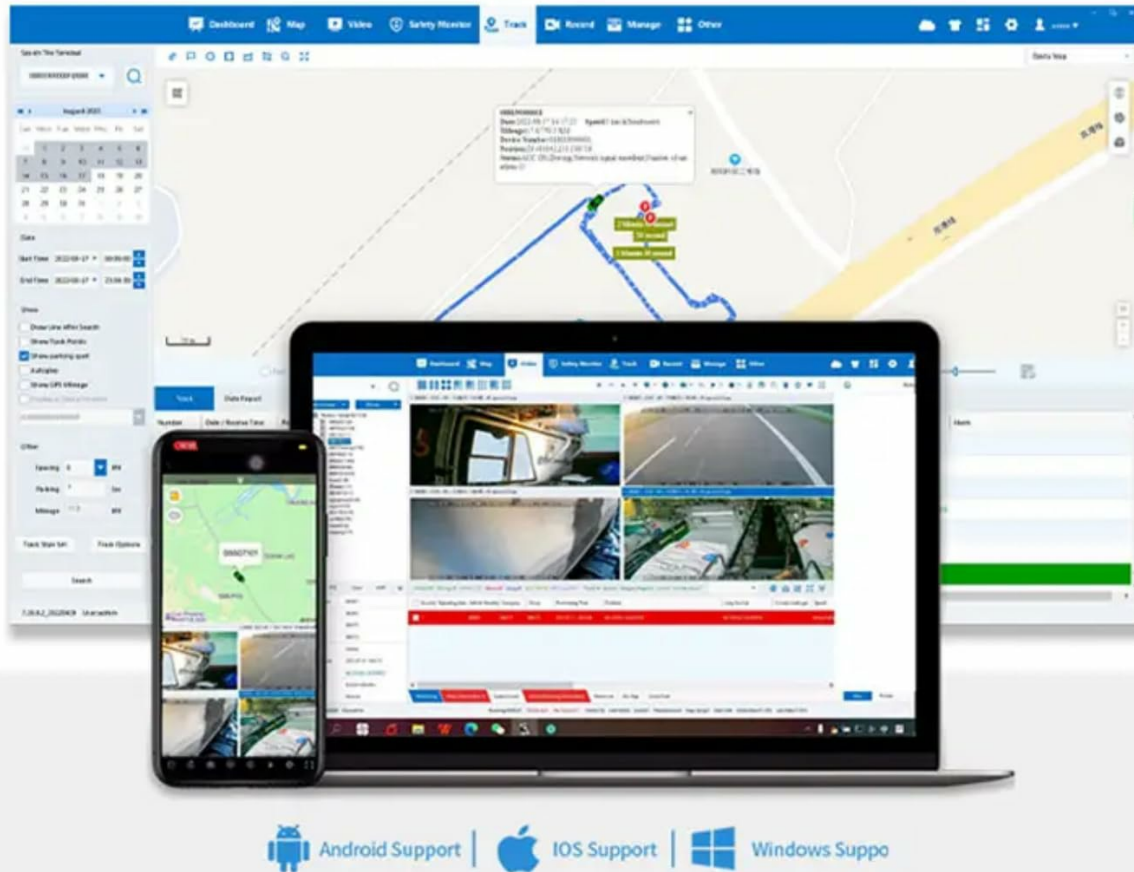
6.2. GPS, 4G, and WiFi Functions



The image demonstrates the NVR's support for GPS positioning, 4G, and WiFi functionalities, enabling real-time tracking, remote monitoring, and video download via PC CMS Client and mobile applications.

GPS TRACK PLAYBACK 4G REAL-TIME MONITORING

Through the PC CMS Client , historical driving trajectory of vehicles can be clearly queried on map. Transmission through 4G network, real-time positioning and real-time monitoring on mobile Apps and platforms.



This image further illustrates the GPS track playback and 4G real-time monitoring features, showing a map interface with vehicle trajectories and live video feeds accessible through PC CMS Client and mobile apps.

- **GPS Positioning:** Provides accurate vehicle location data for real-time tracking and historical route playback.
- **4G Connectivity:** Enables remote access to live video feeds, recorded footage, and device settings from anywhere using the PC CMS Client or mobile app.
- **WiFi Functionality:** Allows for local network connectivity, facilitating video download and parameter configuration when connected to a router.
- **Voice Intercom:** Utilize the 4G module for two-way voice communication if supported peripherals are connected.

7. STORAGE CAPACITY

The JusTrack JT-3206N-G4W is designed with robust storage capabilities to ensure continuous and reliable data recording.



The image highlights the large storage capacity of the NVR, supporting up to a 4TB SATA HDD/SSD and a 512GB SD card. This dual-storage system allows for intelligent loop recording, automatically managing data coverage without requiring manual clearing, ensuring the disk never becomes full.

8. EXPANSION FUNCTION

The NVR offers strong expansion capabilities through its serial ports, allowing integration with various peripheral devices to enhance its functionality.

SUITABLE FOR ALL KINDS OF VEHICLES

Can install mini van, light trucks/heavy trucks/
engineering vehicles/oil tank trucks/coaches/buses, etc.



School Bus



Fire truck



Engineering vehicle



Ship



Logistics car



Dangerous goods transport vehicle



Passenger car



Police car

The diagram illustrates the strong expansion capabilities of the NVR, showing connectivity options for various peripherals such as a siren, RFID reader, alarm button, speaker, buzzer, UPS power, temperature sensor, oil sensor, relay, and handle talkie. These optional functions can be easily integrated for customized solutions.

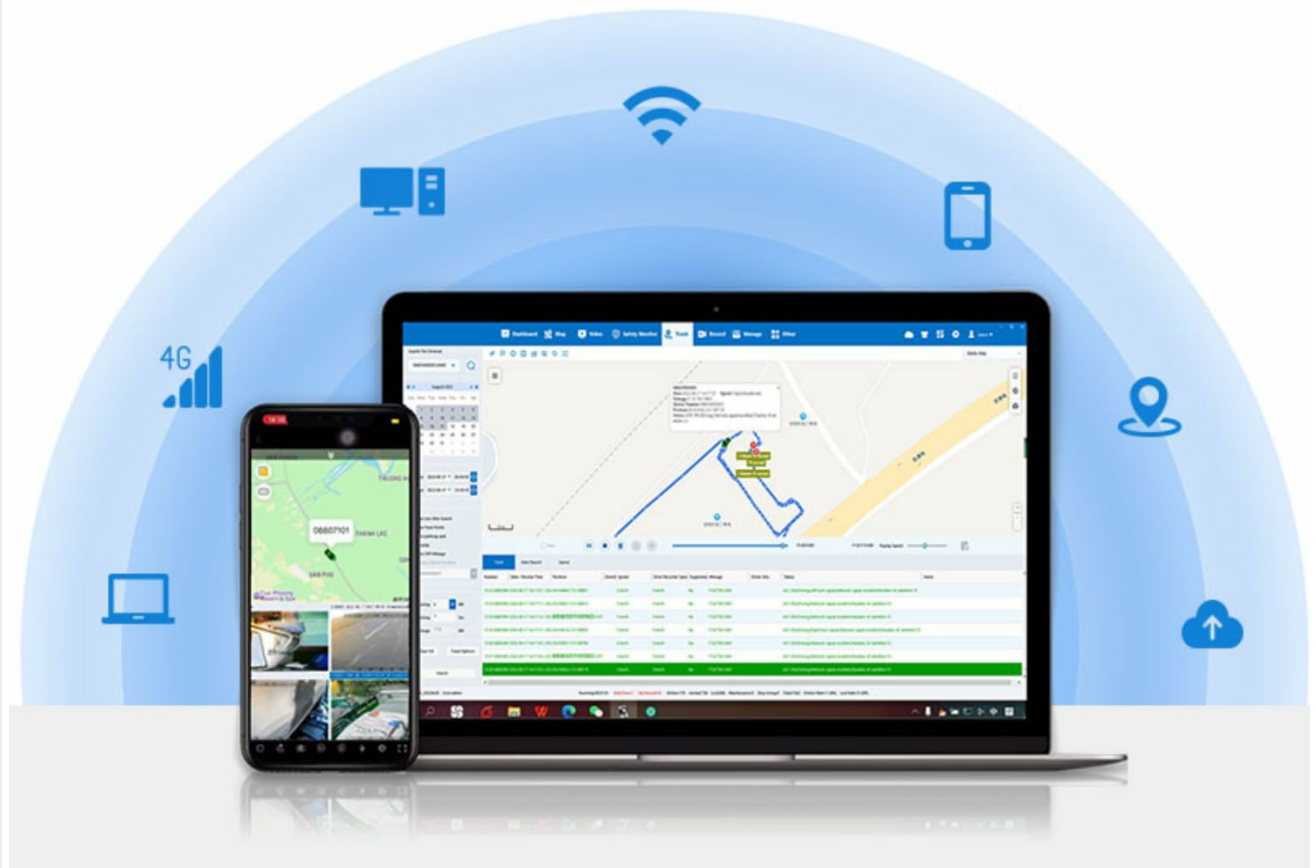
9. VEHICLE COMPATIBILITY

The JusTrack JT-3206N-G4W Mobile NVR is designed for broad compatibility across various vehicle types, making it a versatile solution for diverse fleet management needs.



SUPPORT GPS POSITIONING 4G AND WIFI FUNCTIONS

Through the PC CMS Client , historical driving trajectory of vehicles can be clearly queried on map. Transmission through 4G network, real-time positioning and real-time monitoring on mobile Apps and platforms. WIFI connect to the router to .Realize automatically video download and set device parameters through mobile app.



This image displays a range of vehicles including school buses, fire trucks, engineering vehicles, ships, logistics cars, dangerous goods transport vehicles, passenger cars, and police cars, indicating the broad compatibility of the NVR system. It can be installed in mini vans, light trucks, heavy trucks, oil tank trucks, coaches, and buses.

10. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your JusTrack JT-3206N-G4W Mobile NVR.

- **Cleaning:** Periodically clean the exterior of the NVR with a soft, dry cloth. Ensure all vents are free from dust and debris to prevent overheating.
- **Firmware Updates:** Check the manufacturer's website for available firmware updates. Keeping the firmware updated can improve performance, add new features, and fix bugs.
- **Data Backup:** Regularly back up important recorded data from the HDD/SSD or SD card to an external storage device or cloud service.
- **Storage Health Check:** Monitor the health of your HDD/SSD and SD card. Replace them if any signs of failure or degradation are detected.

- **Connection Check:** Periodically inspect all cable connections (power, camera, antenna) to ensure they are secure and free from damage.

11. TROUBLESHOOTING

This section addresses common issues you might encounter with your JusTrack JT-3206N-G4W Mobile NVR.

Problem	Possible Cause	Solution
NVR does not power on	No power supply; faulty power cable; vehicle ignition off.	Check power connections; ensure vehicle ignition is on; test power cable.
No video display	Loose camera connection; faulty camera; incorrect video output settings.	Check camera cables; verify camera functionality; adjust NVR video output settings.
No recording	Storage not installed; storage full; storage faulty; recording schedule not set.	Install HDD/SD card; check storage health; configure recording settings.
GPS/4G/WiFi not working	Antenna not connected; poor signal; module fault; incorrect network settings.	Ensure antennas are connected and positioned correctly; check network configuration; contact support if module is faulty.
Remote access issues	No 4G/WiFi connection; incorrect app/client settings; firewall issues.	Verify NVR has active 4G/WiFi; check app/client settings; ensure network allows remote connections.

12. SPECIFICATIONS

Feature	Detail
Brand	Justrack
Model	JT-3206N-G4W NVR
Number of Channels	10 (4 IP + 6 AHD)
Video Compression	H.265
Memory Storage Capacity	Up to 4 TB (HDD/SSD) + 512 GB (SD Card)
Connectivity Technology	Wi-Fi, 4G, GPS/BD
Compatible Devices	Camera
Product Dimensions	24.5 x 22.5 x 14.5 cm
Item Weight	2.25 g
Power Input	DC8-36V

Feature	Detail
Special Features	Watchdog, Flameout Delay Recording, On-board UPS

13. WARRANTY INFORMATION

The JusTrack JT-3206N-G4W Mobile NVR comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

14. SUPPORT

For technical assistance, troubleshooting, or warranty inquiries regarding your JusTrack JT-3206N-G4W Mobile NVR, please contact JusTrack customer support. Refer to the contact information provided in your product packaging or visit the official JusTrack website for the most up-to-date support resources.

- **Online Resources:** Check the JusTrack website for FAQs, software downloads, and additional documentation.
- **Contact Support:** Use the provided contact details (phone, email, or support portal) for direct assistance.

