

4G Vehicle Monitoring Terminal Manual

Product Overview

This product JX16 is a 4G monitoring terminal inside and outside the vehicle, which has the functions of high-definition DVR video recording, one-button alarm, dual-mode positioning, WIFI hotspot, 4G communication, voice recognition and external capacity storage, and meets the technical requirements of JT/1078 Video Communication Protocol of Satellite Positioning System for Road Transport Vehicles and JT/808 Technical Specification for Beidou Compatible Vehicle Terminal Communication Protocol of Satellite Positioning System for Road Transport Vehicles.

1、 Product Features

1. External one-button SOS alarm button;
2. Integrated video inside and outside the car;
3. 4G remote live broadcast, real-time monitoring of vehicle status;
4. Simple installation, no driving sight blocking;
5. High-speed 4G network, WiFi hotspot;
6. TS streaming video, the last 1s image is reserved due to unexpected power failure;
7. Parking monitoring, anti-theft and anti-scratching;
8. Intelligent collision locking, emergency video locking and saving;
9. Ultra-low power consumption and standby current as low as 1ma;
10. Pictures and videos share a circle of friends;
11. Vehicle trajectory;
12. WiFi direct connection, real-time back to watch video;
13. Computer-side remote monitoring, intercom, look back and send information;

2、 Appearance Of Product Drawing



3、 Product Use Guidance

1. Insert Micro SD card and SIM flow card according to the screen printing of the shell.
2. The power supply is 12V, and the red light is on (lasting about 10s), and 24V needs to be informed in advance.
3. Refer to the equipment indicator light to judge its working state. See the indicator light definition below for details.

4、 Indicator Light Definition

1. Blue light: 4G network indicator light, flashing during network search or abnormal;
 2. Green light: GPS indicator light, flashing when GPS positioning is in progress or abnormal;
 3. Red light: video indicator, flashing when video recording is abnormal;
- * All functions are normal and the green light is always on; The red light flashes during the upgrade.

5、 Key Definition

1. Fuselage key
 - 1.1 Short press-broadcast WIFI hotspots and equipment working status.

* When the device is requesting to bind the mobile APP, short press is the "OK" key for binding.

* Press and hold until the red light starts flashing to restore the factory settings.
 - 1.2 Restart key (hole position screen printing is "R")
2. SOS button
 - 2.1 Short press-upload alarm information to the platform and capture the front and rear camera pictures.

6、 Video Storage Instructions

1. Please use a Micro SD card with a capacity of 16GB~256GB and a reading and writing speed of Class10 or above.
2. In order to ensure that more driving videos can be stored, format the Micro SD card in the app before use to avoid other files in the card taking up space.

7、 Recorder Function

1. After the machine is turned on, the equipment automatically starts recording. The front camera and the infrared camera in the car are both 720P. With advanced video processing technology, dynamic shooting during high-speed driving can be easily completed, and the recorded video can be covered circularly. There is no need to manually clean the memory card, and the vibration video can be automatically locked to prevent loss.

8、 Parking Monitoring

1. After the car is turned off, the equipment will automatically enter the parking monitoring mode.
2. When the car is hit by external force, the equipment will automatically alarm and upload pictures and location information to the platform.
3. Users can actively monitor the equipment in real time, capture pictures, capture videos, and talk to each other remotely through the platform.
4. In order to protect your car, when the equipment detects that the battery voltage is low after the car is turned off for a long time, it will automatically shut down and no longer consume the battery power to ensure that the normal ignition of the car will not be affected.

9、 Platform JT808&1078 Configuration Description

1. Mobile phone scan code to download video cloud car APP:



2. Connect the mobile phone to the device WIFI hotspot (hotspot name: RW1-XXXX, initial password: 12345678), open the video cloud car APP and click [Recorder] for 5 consecutive times. After entering the production test interface, click [JT808/1078 Platform Configuration] to enter, and then set the corresponding parameters as shown in the figure below. After setting, click [Confirm Modification].

* In turn, the arrows in the following figure guide.



10、Common Troubleshooting

The adhesive on the back of the bracket is not firmly adhered.	Check to ensure that the car glass is wiped clean, and the air between the adhesive and the glass is squeezed out, and the pressure is firm.
The equipment body shakes and the video is skewed.	Check that the bracket is buckled with the driving equipment and the bracket is stuck. Is the sticker parallel to the front of the car?
Video is blurred and dark.	Check whether the lens surface and windshield are clean and free from dirt. The lens angle should not be adjusted too high, and the lower edge of the video can be photographed at the bottom of the windshield.
Unable to stop monitoring	Check the wiring sequence of the power cord. B+ is connected to the battery long-term insurance, and ACC line is connected to the automobile ACC insurance.
The device can't be turned on or can't work normally.	Check whether the wiring is correct. Check whether the fuse on the wire is intact. Restart the machine by short pressing the reset key of the hole beside the word R on the side of the equipment with the card-taking pin. Restore factory settings
The blue light flashes after the equipment works.	Check whether the SIM card is installed and whether the traffic is sufficient.

The green light flashes after the equipment works.	Check that the GPS antenna plug is connected properly. Check whether the antenna placement position is blocked.
The red light flashes after the equipment works.	Check whether TF card is inserted properly. Check whether TF card is Class10 (C10 is printed on the card surface). Format or replace TF card
Forgot the WiFi password	Press the device button briefly to broadcast the hotspot name and password, and confirm that the password entered is correct.
APP cannot preview the device screen.	Check that the phone is properly connected to the device WiFi. Forcibly close the mobile APP and reopen the APP.

11、Matters Needing Attention

1. The recorder is a driving aid product for recording the external images of vehicles, and it does not have the function of ensuring the driving safety of users. In the process of using the recorder, the company has nothing to do with the driving accident caused by product failure, information loss and operation of the recorder and any losses caused by it.
2. Some functions of the recorder may not work properly because of differences in vehicle conditions, driving modes and driving environment. Power failure, use in an environment beyond normal temperature and humidity, collision, memory card damage and other reasons may lead to abnormal video recording, and the recorder does not guarantee that all videos can be recorded completely under any circumstances.
3. APlease install the recorder correctly, and don't block the driver's sight and airbag, otherwise it will easily cause product failure and personal injury.
4. Please keep the recorder away from strong magnetic field, which may damage the recorder.
5. It is forbidden to use the recorder in high temperature above 70°C and low temperature below-20 C.
7. Do not subject the recorder to strong impact or vibration, so as not to damage the product, resulting in dysfunction or unusable.
8. Do not use chemical solvents or detergents to clean the recorder.
9. Please use the recorder within the scope permitted by law.