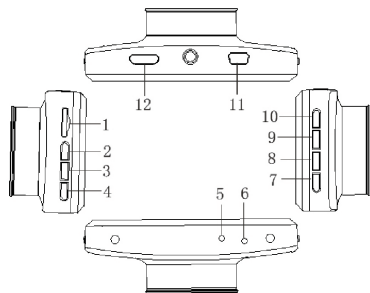


产品说明

● 产品结构



- 1) TF 卡插槽
- 2) 向上选择按钮
- 3) 菜单按钮
- 4) 向下选择按钮
- 5) MIC
- 6) 复位孔
- 7) 电源开关
- 8) HOLD
- 9) 模式选择按钮
- 10) OK 确认按钮
- 11) USB 数据接口
- 12) HDMI-OUT

按键功能说明:

- 1) TF 卡插槽
存储卡插槽
- 2) 向上选择按钮
菜单项中，向上选择功能键；
待机或摄像状态下，数码放大功能键；
- 3) 菜单按钮
短按此键调出功能设置菜单；连续短按此键可以在各设置间相互切换；
- 4) 向下选择按钮

菜单项中，向下选择功能键；
待机或摄像状态下，数码缩小功能键；

- 5) MIC
录音接收器；
- 6) 复位孔
当机复位孔
- 7) 电源开关
长按开/关机；短按打开或关闭红外夜视灯
- 8) HOLD 按钮
录像过程中按压此键，当前视频文件保存为不可删除
- 9) 模式选择按钮
短按此键在摄像/拍照/回放之间相互切换；
录像过程中短按此键会对当前视屏加锁；
- 10) OK 确认按钮
录像和拍照确认按钮，摄像模式下，短按此键开始录像，再次短按停止录像；拍照模式下短按此键拍摄照片；菜单模式下为确认按钮；
- 11) USB 数据接口
USB 数据接口，①用于连接 PC 传输数据；②用于连接外接电源给电池充电或提供工作电源；
- 12) HDMI-OUT
高清输出端口；

特别功能说明:

- G-sensor 功能
当重力加速 ($1g=9.80 \text{ 米/秒}^2$) 时，机器会自动将事故发生时的视频保存为不可删除文件；
G-sensor 重力感应可以在菜单中进行调节 2G-4G-6G-8G，出厂默认 4G；
- SOS 功能
录像过程中按压 HOLD 键，机器会将当前视频保存为不可删除文件；
- 自动开/关机
支持连接车载电源后，汽车启动自动开机录像，熄火自动保存录像并关机；
- 不漏秒

摄像/拍照基本操作说明:

- 开机与关机
长按 电源键开机，蓝色指示灯会在开机时亮起；

再次长按 电源键是关机，此时蓝色指示灯熄灭；

注意：录像仪在低电量时会提示电池电压低后自动关机

- 摄像模式
短按 键，切换到摄像模式，屏幕左上角显示摄像图标；
短按 键开始摄像，摄像图标会开始闪烁，同时录像指示灯开始闪烁，标明录像工作中；
- 拍照模式
短按 键，切换到拍照模式，屏幕左上角显示拍照图标；
短按 键拍照，拍照时屏幕闪烁一次，表示拍照完成。
- 视频/照片回放
短按 键，切换到回放模式，屏幕左上角显示回放图标；
短按 键可以向上选择文件；
短按 键可以向下选择文件；
短按 键播放选择的视频文件；
- 菜单设置
短按 键，调出设定菜单；
通过短按 或 键，可以在各设置项中循环上下选择；
选择需要更改的设置项，通过短按 键进入更改；
- 退出设定菜单
短按 键，退出设置状态；
- 时间设置
通过连续短按 键进入设置项，短按 键选择日期设置，短按 键进入，短按 键，可以在年/月/日/时/分/秒之间相互切换，通过 或 调整需要数值，按 确认修改；

USB 模式

将 USB 线与电脑连接，按开机键后，行车记录仪将自动弹出 USB 菜单，将会出现如下选项：
USB-Disk：在此模式下可进行视频文件或者照片文件的存取；

电池使用说明

- 电池电量指示，请参考图示：

电量充足 电量稍低 电量低 电量不足
- 有三种方法可以对电池充电，红色充电指示灯会在充电的过程中亮起，整个充电时间大约为 180 分钟，红色充电指示灯会在充完后自动熄灭。

灭。

- 1: 使用电源适配器充电
- 2: 使用 PC-USB 充电
- 3: 使用车载电源充电

备注：当使用此产品因操作不当引起当机现象，可以拔除电池或按复位键后再开机，即可恢复正常。

产品规格

产品特点	高清摄像头，高清录像
G-sensor	内置（车子意外情况下紧急保存，不被删除）
液晶显示屏尺寸	3.0LTPS 16:9
镜头	120 度 A+级高解析超广角镜头
语言	俄、英、中文（简）、中文（繁）、韩、日等
文件格式	AVI
录像分辨率	内置镜头 100W 像素
录像视频格式	M-JPEG
色彩效果	标准
不间断循环录像	无缝循环录像，不漏秒
随车开关机	支持汽车打火开机，熄火关机
移动侦测功能	支持
年月日时分	支持
载体媒体	内置内存(总量:32MB)
照相模式	500 万
照片格式	JPEG
存储卡	TF (最大支持 32GB)
麦克风	支持
内置音响	支持
红外夜视	支持
视频格式	PAL/NTSC
电流频率	50HZ/60HZ
USB 功能	1: USB-Disk 2: PC-Camera
- 电源接口	5V 1A
电池	内置 180mAh

疑难解答:

➢ 在正常操作情况下，如果产品出现问题，请参考一下方法解决：

- 不能拍照、摄像

检查TF卡是否有足够的空间、是否锁住。

- 录像时，会自动停止

由于高清视频数据巨大，请使用与SDHC兼容的高速TF卡，高速TF卡会有C4或者C6的标识。

- 重播图片和视频时，出现“档案错误”提示
TF卡存储资料时发生错误，照成档案不全，请使用摄像机“格式化”功能，重新格式化TF卡。
- 拍出的影像雾蒙蒙一片
请检查镜头是否有脏物、手指印；进行拍摄前，使用镜头纸擦拭镜头。
- 拍摄天空、水面等场景时，影像非常黑
在大的反差场景中会影响到摄像机的自动曝光功能，可以通过调整机器设置菜单中的“EV”值进行修正。

- 在阴天、室内光源下，颜色表现不够完美
请检查机器“白平衡”功能时候设置为自动。

- 图像中有横条纹干扰
这个是由于设置了错误的“光源频率”而产生的，请根据当地的供电频率，设置为“50Hz”或者“60Hz”。

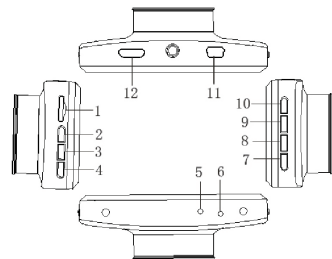
- 当机

当机后请短按复位键进行恢复重启。

User Manual

Product Introduction

Product structure



- | | | |
|------------|---------|-------------|
| 1) TF Slot | 2) UP | 3) MENU |
| 4) DOWN | 5) MIC | 6) Reset |
| 7) Power | 8) HOLD | 9) Mode |
| 10) OK | 11) USB | 12)HDMI-OUT |

Description of Function Keys:

- TF Slot
TF Memory Card Slot
- 2) UP
Standby or short video process click here the key to digital narrow regulation; Down regulate the function key menu options;
- 3) Menu button
Short-Press to bring up the feature set menu;
- 4) Down
Standby or short video process click here button can digital zoom adjust; Down to select the function key menu options;

- 5) MIC
MIC-IN
- 6) RESET
Select to reset
- 7) Power
Long press to turn device on/off. Short press to turn on/off the night vision led lights
- 8) the HOLD button
Press this button, the recording process, the current video file is saved as can not be deleted;
- 9) MODE
Short Press to switch between each other in the camera / camera / playback;
- 10) OK
Video and take pictures to confirm button, the camera mode, short press this key to start recording again press stop recording; camera mode Short Press to take pictures;
- 11) USB
USB data interface, (1) for connecting a PC to transfer data; (2) for connecting an external power supply to charge the battery or supplies power to operate;
- 12) Bracket Mounting Hole
Connect the car bracket mounting screw holes;

Special Function Description:

- G-sensor
When gravity acceleration up to ?g, the machine will automatically save the current video of the accident, not delete the file;
- SOS
Press this button, the current video file is saved as can not be deleted;
- Automatically turn on/off
When connected with car charger, device will turn on when car start, turn off and save the last video when car power off.
- REC/photo operation specifications
- Power on/off
Press the power button first boot, the blue indicator light lights up at boot time
Again press the power button is turned off, the blue light goes out
Note: The recording instrument will be prompted to low battery voltage automatic shutdown

when battery is low

- REC mode
Short press key, switch to camera mode, the upper left corner of the screen displays a camera icon;
- Short press button to start the camera, the camera icon will appear flashing red dot, indicating the video work
- Photo mode
Short press key, switch to camera mode, the upper-left corner of the screen displays the camera icon;
- Short press key camera, take pictures of the screen flashes once said camera to complete.
- Video / photo playback
Short press key, switch to playback mode, the upper-left corner of the screen to display the playback icon
Short press key up to select the file;
Short press key down to select the file;
Short press button to play the selected video files;
- Menu setting
Short press key to enter the video settings state, then the "video icon" field is a yellow background: Again press key, switch to setting mode, the "Settings icon" field a yellow background, short press key, key to exit the setting.
Bring up the settings, short press key, you can set the sub key up and down select switch, short press key to enter set sub key.
- Short press to quit menu setting.
- Time setting
Short press key to enter the set state, short press here key to set up menu, though button to select the date and time options, short press key enter short press key,

Key in Year / Month / Day / minutes / seconds between each other to switch though
adjust the required value. press confirm the modification

USB mode

Connect DVR with computer by USB Cable, press "power on" button, car DVR will automatically show USB menu, there are 1 modes available:

USB-Disk: In this mode we can access video files and photo files

Battery instruction

Battery indication image:



- There are three methods to charge, the red indicator light up when charging, the entire charging time is about 180 minutes, and the red indicator light automatically off when charging completed.

- Use power adapter to charge
- Use PC-USB to charge
- Use vehicle power to charge

Remark: when appear crash because of improper operation, remove battery or press "reset" button to restart.

Products specifications

Features	HD Camera, HD Video
Program	NT96220
G-sensor	Built-in (car accident case of emergency save, will not be deleted)
LCD screen size	3.0LTIPS (16:9)
Lens	120 degree A + grade high-resolution ultra-wide-angle lens
Language	Russian, Japanese, English, Chinese (simplified), Chinese (Traditional), Korean, etc...
Files format	AVI
Camera	3 Mega Pixels
Recording video	M-JPEG

format	
Color	standard
Continuous loop video	seamless loop recording, don't leak second
Automatically power on/off	Support auto ignition boot, turn off shutdown
Motion Detection Function	support
Time synchronization	Support (Y/M/D/H/M)
Carrier media	Built-in memory (total:1024MB)
Photo mode	5 milliopn
Photo format	JPEG
Memory card	TF (max 32GB)
MIC	Support
Built-in stereo	Support
Infrared night vision	Support
Video format	PAL/NTSC
Current frequency	50HZ/60HZ
USB function	1: USB-Disk 2: PC-Camera
Power interface	5V 1A
Battery	Built-in 200mAh

Trouble shooting:

For problems in normal operating situation, please try these methods below:

- Can't take photo and recording
Check the if the TF card has enough space or locked
- Automatically stop when recording
Use the compatible high-speed TF card with SDHC because of big HD video data, the high-speed TF card have identifying of C4 and C6
- Appear "files error" when replay photo or video

Uncompleted files because of TF card storage error, please use formatting function to format your TF card

- Unclear video
Checks if there are any dirt or fingerprint; and use lens paper to clear the camera len.
- Black image when recording sky or water scene
Scenes with big contrast will influence the automatic exposure function of camera; you can adjust "EV" in setting mode to correct.
- Color is not perfect in cloudy day and outdoor light
Set the "white balance" function to automatic
- cross stripe interference in image
Because of wrong "light frequency", please set it to 50Hz or 60Hz according to the local power supply frequency
- Crash
Restart by pressing shortly on "RESET" button after crash