



**Operation Manual for USB HD DVR**

**with the Fourth-Generation**

**Vehicle-Mounted APK**

## **I. Brief Introduction to Product**

USB DVR with the fourth-generation vehicle-mounted APK of our company is specially developed and designed for Android large screen vehicle-mounted audio and video system. Such functions as transmission and browse of HD pictures and playback of images and documents are realized through USB interface. The imported image processing chip and high-quality photosensitive chip are used in the product, which brings you an extreme HD video experience.

## **II. Parameter Configuration**

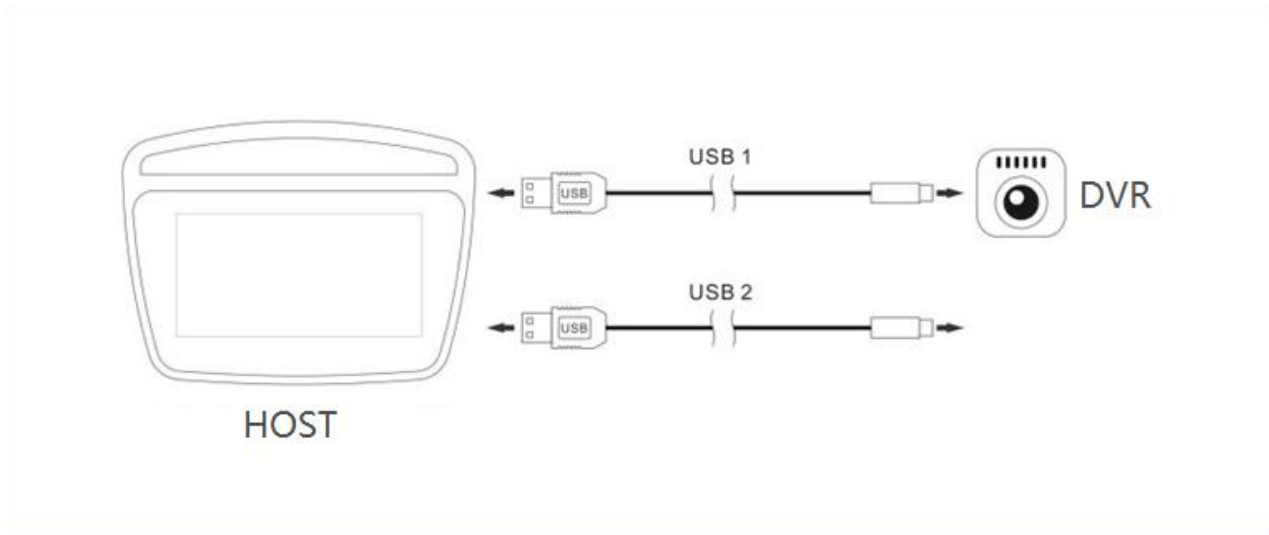
- Image processor: Imported high-performance image processing chip
- Image sensor: CMOS(1/3") low-noise image collector
- Lens: 6 sets of all-glass lens, 170° extra-large wide-angle lens, F2.0 extra-large aperture
- Storage mode: TF card (maximum support 32G)
- Power supply mode: USB (DC\_5V/500mA)

## **III. Characteristic Function**

- The fourth-generation vehicle-mounted APK for convenient installation
- Clear starlight night-vision video picture (part of DVR has this function)
- Simultaneous recording in front and back of the vehicle (part of DVR has this function)
- 360 ° panoramic rotation in and outside the vehicle (part of DVR has this function)
- Lane departure warning ADAS (part of DVR has this function)
- Automatic function: Automatic recording when power on and automatic cyclic covering recording
- Automatic synchronous vehicle-mounted time when power on

#### **IV. Installation Icon**

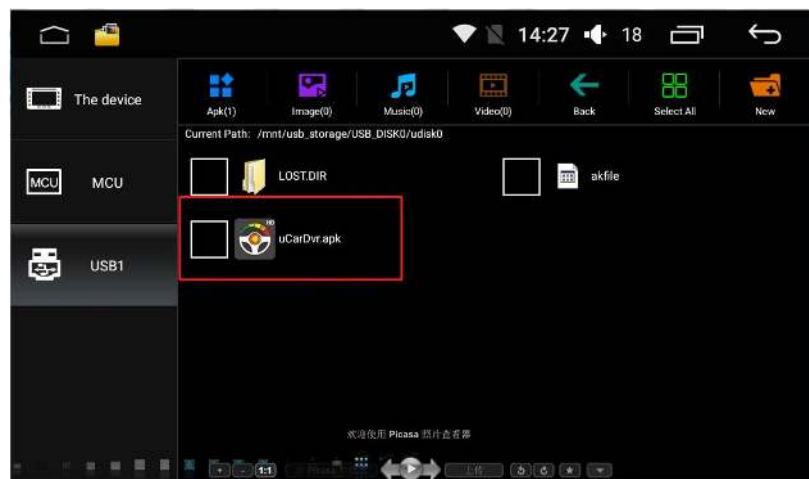
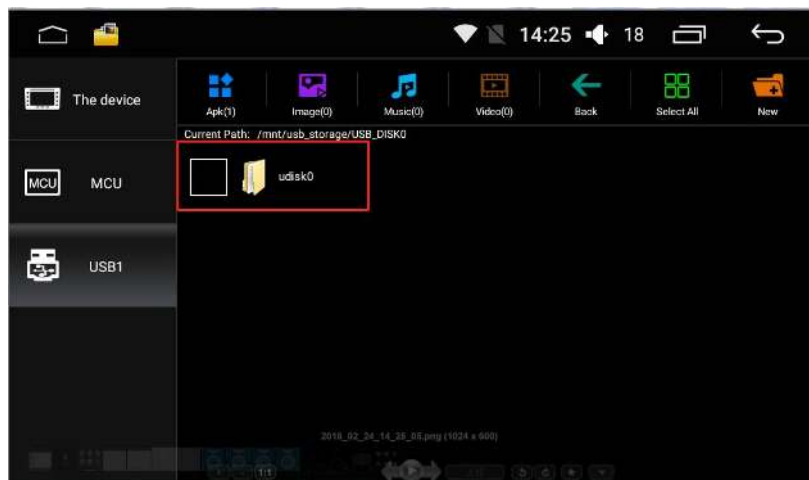
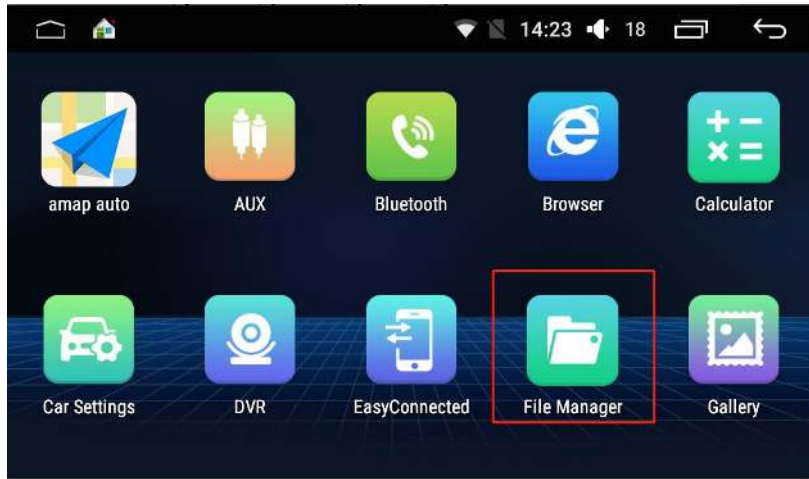
Schematic diagram of supporting Android large screen host machine installation and connection:



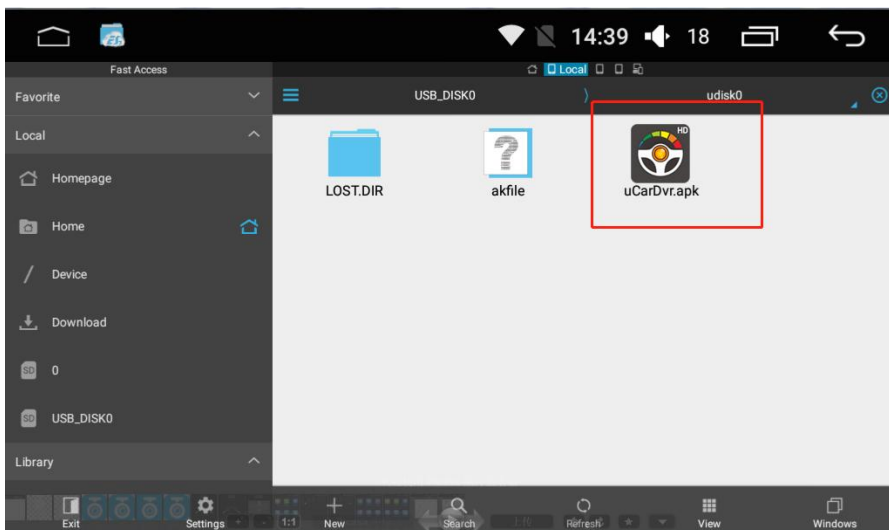
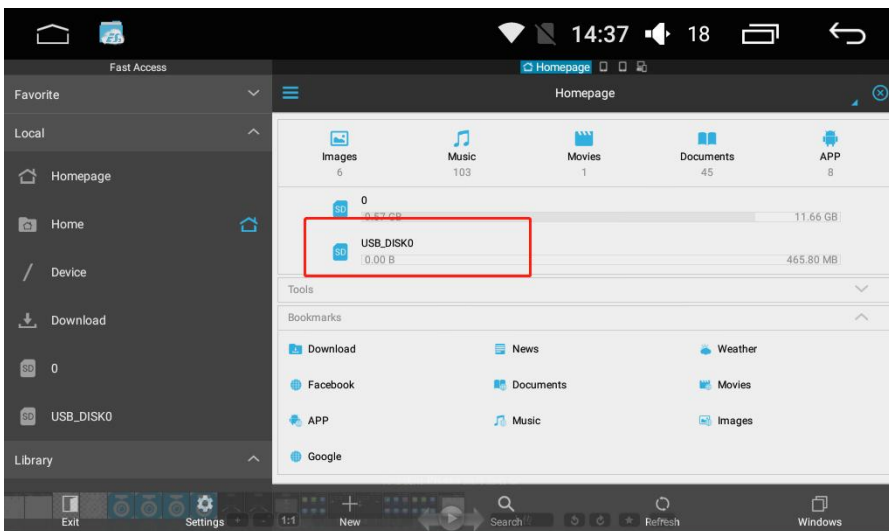
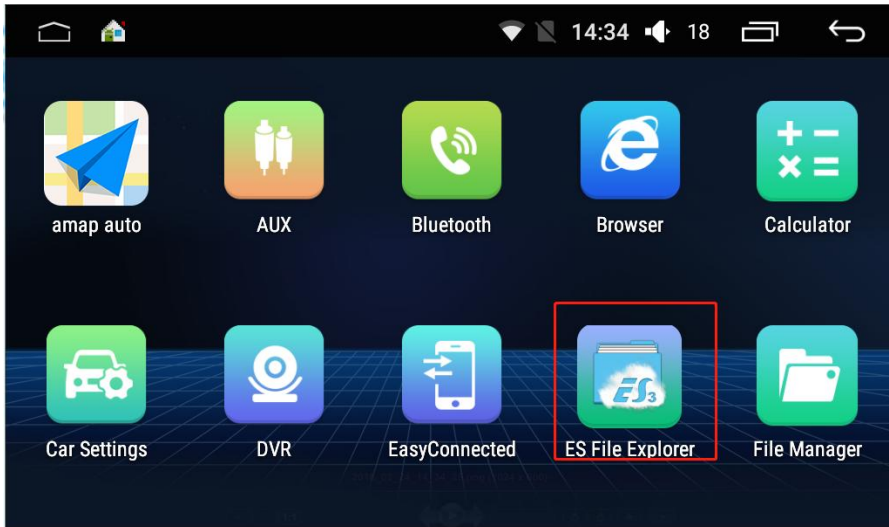
※Notes: Normally choose the random USB interface of the large screen host machine for connection, e.g. USB1. Replace USB2 interface if the equipment can not be normally found.

## V. Installation Method of APK (HD DVR):

1、 It is shown in the fourth-generation USB DVR scheme designed by our company that the special APK software is needed to be installed in the vehicle-mounted large screen navigation system. The installed software is built in the fourth-generation USB DVR. DVR is connected with the navigation system. Go to the file manager of the navigation system and find out the external USB flash disk. Go to the external USB flash disk and see the installed software uCardvr.apk or car.apk, e.g. the following figure:



If ES File Browser is installed in the vehicle and go to select external USB flash disk, installation software of APK, uCardvr.apk, can be seen and shown as below:



Click to install uCardvr.apk:



After installation, icons of HD DRV or DRV will be shown in the Navigation Applications. Click to preview the image, setting and playback etc.



## VI. Common Trouble Shooting:

Before DRV is sent for servicing, please study the possible reasons of problems by comparing to the table below and take actions accordingly for simple checking and minor adjustment, which may get the problem solved and the DRV might be operated normally.

Should the solutions indicated in the table can not get the problems solved efficiently, please contact us or professional

service center.

<b>Problems</b>	<b>Possible Reasons</b>	<b>Problems</b>	<b>Possible Reasons</b>
Host machine has no indication after DRV is plugged.	Check if the recording power led lights up/ Replace the USB interface of the host machine for reconnection.	Restart of DRV is frequently reminded.	Format TF card/Replace high speed TF card and restart.
DRV is not recording.	Check if TF card is inserted properly/Format TF card / Replace high speed TF card	Video recording quality is not satisfactory.	Check if the protection tape of the lens is removed when delivery.
Video has no sound.	Check if the microphone is "On"		

