

# **DVR   Inch Smart Screen Player**

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User Manual






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# 1. Product overview

The DVR uses two wide-angle cameras installed inside and outside the vehicle to capture images of the surrounding area and transmit them to the integrated device in real time. With the help of this system, the driver can see the obstacles and pedestrians around the vehicle intuitively, and effectively reduce the occurrence of scraping, collision, collapse and other accidents. This product can record all driving pictures to avoid accident fraud.

## 2. Product composition list

| Name                              | Graphic   | Instructions   | Number   |
|-----------------------------------|---|--|----------|
| The host                          |    | - channel camera interface/touch control / B luetooth / W i- F i / FM Transmit / SD card recording / Type C interface power supply | 1        |
| The power cord                    |    | Type C power cord/ 7V~32V / 3A current / integrated cable / cigar lighter to take power  | 1        |
| Pull back camera                  |    | AHD FHD ( 1080P)/4PIN BMW head   | Optional |
| Pull the headphone extension cord |  | Pull back headphone cable / 6m /2 .5mm headphone +4PIN BMW head/ double shield/ with reverse cable                                 | Optional |
| Monitor base                      |  | To support the display and fix it on the center console  | 1        |
| SD card<br>( optional)            |  | 32G-128G Class10 SDcard  | 1        |
| Camera extension cord             |  | Rear view / 10m/BMW head/one male and one female / dual shielding /4 cores   | 1        |

### 3. Product description

| Project           | Function introduction    | Performance indicators  |
|-------------------|--------------------------|---|
| System            | Language                 | Simplified Chinese / Traditional Chinese / English / Russian / Spanish / French / German / Japanese / Korean / Italian / Portuguese |
|                   | Interface                | Graphical menu operation  |
|                   | Mode of operation        | Touch   |
| Video input       | Video input              | 2 channels FHD video input  |
|                   | Video mode               | Default boot recording, no missing seconds  |
|                   | The video format         | 2K H.264 video, 2 channels of video saved separately  |
| Video display     | Real-time display        | HIGH-DEFINITION IPS screen  |
|                   | The native playback      | Local play, anytime to view   |
|                   | The screen saver         | Screen savers can be set to: off / 1 min / 5 min  |
| Reverse display   | Reverse display          | Automatically switches to the rear view   |
|                   | Asterisk line adjustment | Adjust the reversing line for various models  |
| Smart + connected | Wi-Fi                    | Supports Apple CarPlay and Android Auto   |
|                   | Bluetooth                | Support Bluetooth music playback  |

|                   |                     |   |
|-------------------|---------------------|---|
|                   | FM                  | FM Transmit support, connected to the car radio   |
| The video store   | SD card             | CLASS10 U1 : 32GB minimum and 256GB maximum   |
| Audio part        | The microphone      | Support microphone recording, menu can be set to turn off   |
|                   | Voice control       | Support voice control, menu can be set to turn off  |
| Power part        | The power input     | The voltage drop line supports 7V~32V wide voltage and has power protection circuits such as surge, overload, overvoltage, undervoltage and short circuit |
| Power consumption | Two-way video       | Less than 10W (screen display, 2-channel camera recording)  |
| Other             | Working temperature | -4 ~ 149 °F   |
|                   | The cooling way     | Passive cooling   |
|                   | The video time      | Video recording duration can be set   |
|                   | camera mirroring    | The camera supports mirror display, and the menu can be set   |

## 4. SD card specifications

The quality of SD card has a great impact on the stability of video recording.

To record video safely, use SD cards from major brands such as SanDisk,

Kingston, Toshiba, and Samsung. Speed certification must be at least

Class10.



## 5. Wiring instructions

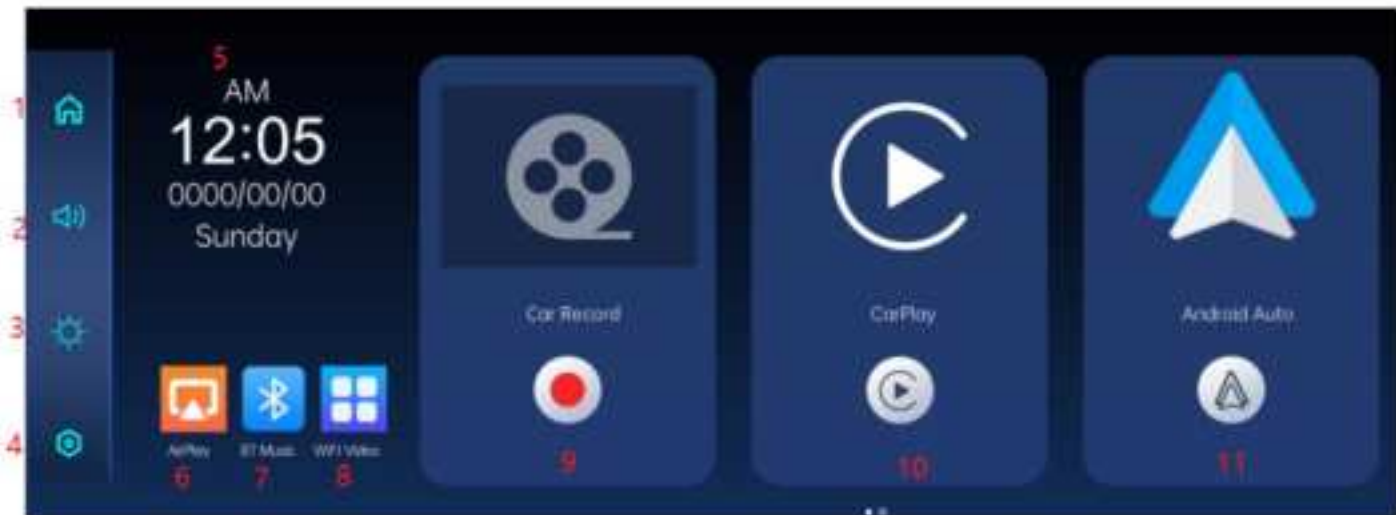
The details are as follows:

| Port              | Instructions                               |
|-------------------|--|
| Type C interface  | Monitor power supply interface             |
| Cigarette charger | The cigarette lighter takes power directly |

## 6 Camera installation

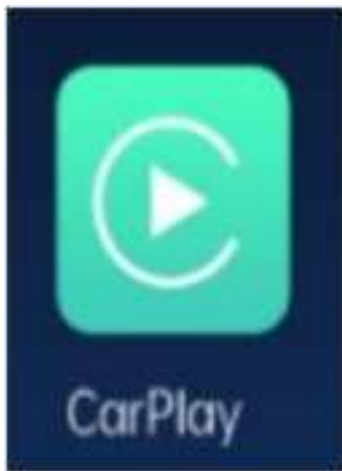
Locate the drilling hole, find the appropriate installation position in the license plate attachment, mark it with a pen and then drill the appropriate size of the screw hole. Fix the camera to the rear of the car with screws, the reversing trigger wire ( red thin wire) needs to be connected to the positive pole of the reversing light, and finally use the camera extension cable to connect to the monitor. ( This is not necessary if you choose the version without the reversing camera

# 7 interface specification



- ① **Time and Date:** Displays the current time and date
- ② **Home button:** Click to return to home page
- ③ **Brightness button:** Click to adjust screen brightness
- ④ **Volume button:** Click to adjust the volume
- ⑤ **Settings button:** Click to jump to the settings interface
- ⑥ **Apple CarPlay:** Special connector for iPhone
- ⑦ **Android Auto:** Special connector for Android mobile phone
- ⑧ **Dvr:** Click to enter the video recording interface
- ⑨ **Video Playback:** Tap to view a video on the video screen
- ⑩ **FM Transmit:** When turned on, the device will transmit the sound to the original vehicle

## A. Apple



As shown in the figure, click the [Apple CarPlay] button to enter the Apple CarPlay. Turn on the Wi-Fi and Bluetooth of the mobile phone first, then as shown in the figure below, select the [Apple CarPlay] option, click the [BT Manage] option of the interface, connect Bluetooth with the phone, you can open the application. When the machine is powered on, it will try to automatically connect to the last connected phone.

(Turn off your phone's Wi-Fi to disconnect, Apple CarPlay option only supports iPhone phones, Android phone please select [Android auto] option)

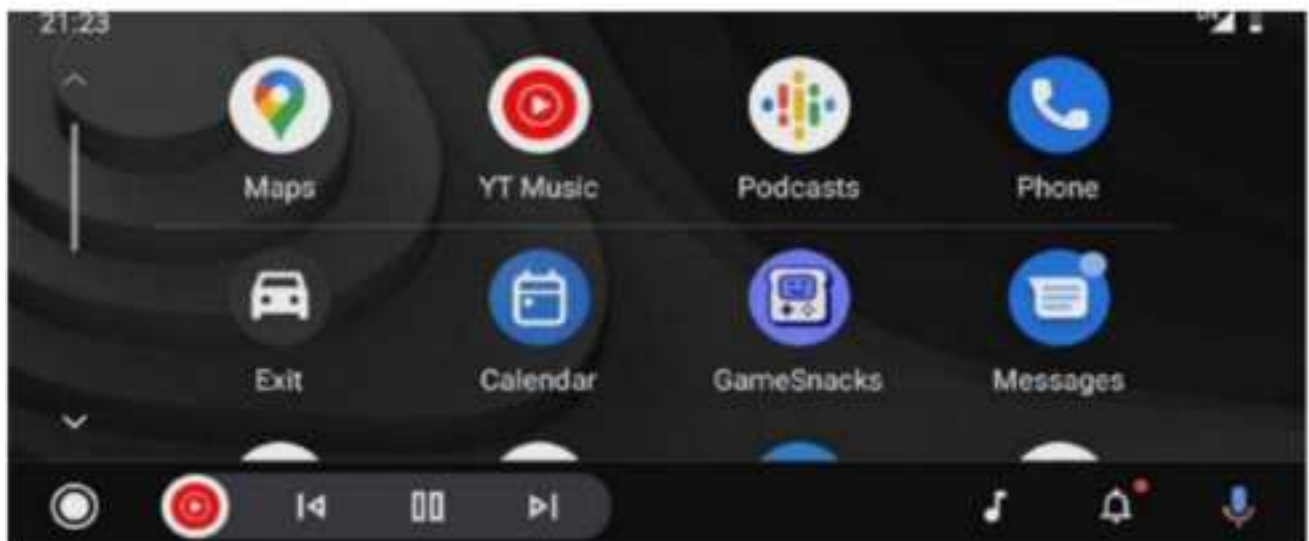


## R Android Auto

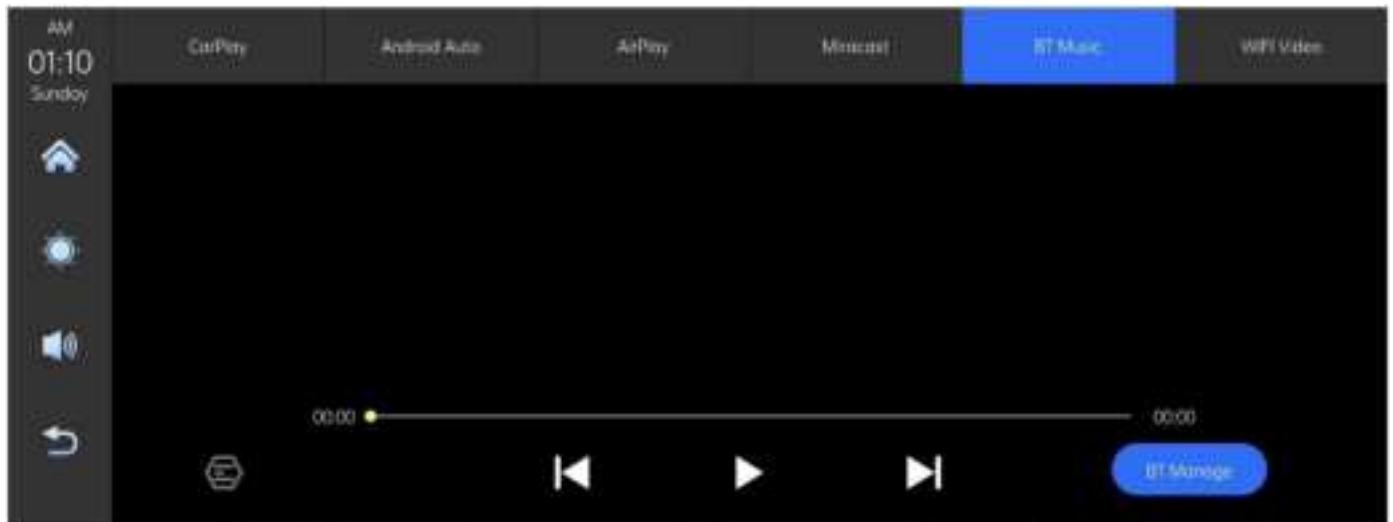


As shown in the figure, click the [Android Auto] button to enter the Android auto. Turn on the Wi-Fi and Bluetooth of the mobile phone first, then as shown in the figure below, select the [Android auto] option, click the [BT Manage] option of the interface, connect Bluetooth with the phone, you can open the application. When the machine is powered on, it will try to automatically connect to the last connected phone.

(Turn off your phone's Wi-Fi to disconnect)



## C Bluetooth music



You can find Bluetooth Music by clicking the button Apple CarPlay or Android Auto. Turn on Bluetooth of the mobile phone first, and select [Bluetooth Music] option. Click the [BT Manage] option on the interface to connect Bluetooth to the mobile phone and start playing music.

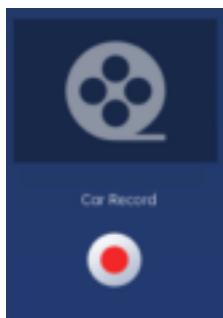


The buttons correspond to Last, Play / Pause and Next, respectively.

Click on the Lyrics button [  ] to display the lyrics.

(Some mobile music player apps do not support displaying lyrics)




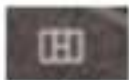
## D: DVR



As shown in the picture above, the main page will not


display the camera image, you need to click the Dvr button to view the camera image . W hen a card is inserted, the system automatically enters the video mode, and when recorded, the small red dots in the [ D riving Monitoring] button will flash.




|   |   |
|---|---|
|  | Click to start recording, click again to close recording. |
|  | Click to view the playback video                          |
|  | Click to turn on or off the recording sound               |
|  | Click to switch the camera distribution screen            |

## E. Bluetooth



As shown in the figure above, click the Bluetooth button [  ] to switch on the device after entering the Bluetooth interface.


The page will display the device name, such as: T86 - 1 BCC9D, and click the

Modify button [  ] to modify the Bluetooth name of the device.

Select the device name with Bluetooth, and the remote device name of the phone will appear after successfully connecting.

At this time, you can play mobile phone music and other functions.

After connecting to Bluetooth, you can use the call function:

Click the Disconnect button [  ] to actively disconnect the Bluetooth.

Click the back button [  ] to return to the previous page .

## F. Playback

As shown in the figure above, swipe the home page to view the next page options and click the [ Playback] button on the second page to enter the video playback interface.



You can click on the top to play back the video and on the right to play the video.



Looped video shot by the front camera.



Looped video shot by the rear camera.



Click on the video saved after locking.



Click to view the pictures taken by the one-touch photo function.



Click the [Delete] button to delete.

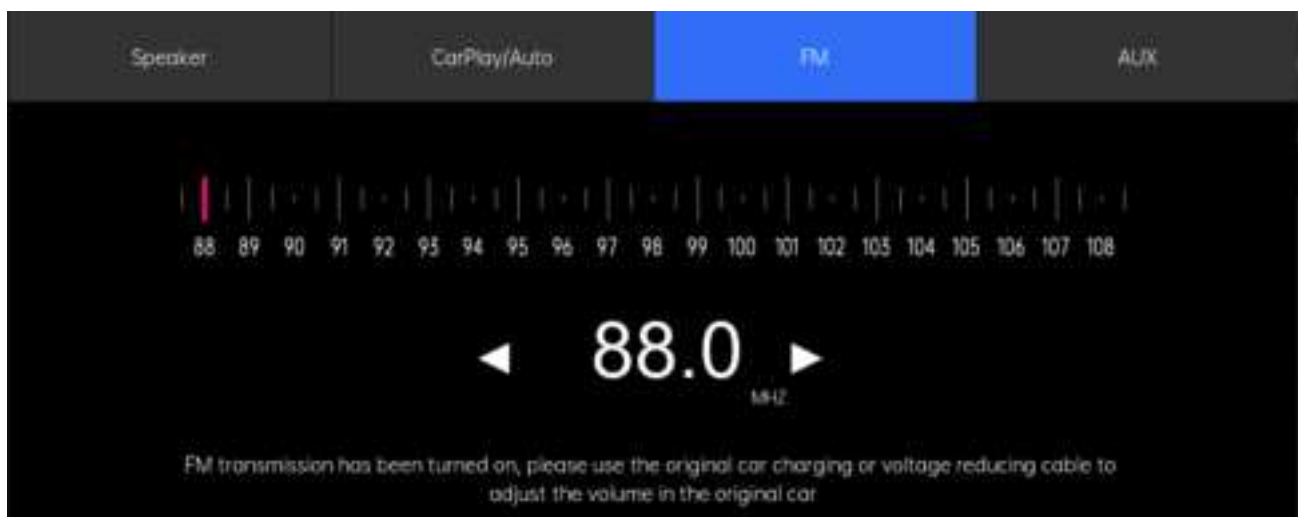
## G. Transmit FM



As shown in the figure, click the [FM Transmit] button to enter the FM Transmit function: it can emit the sound of the equipment, receive it with the original car radio, and play it through the original car horn, enjoying the original car level. When you turn on the FM Transmit option, the monitor will no longer emit any sound. At this time, you need to turn off


the FM Transmit or match the sound to the car's builtin stereo to have sound.

( Not using the original power cord will cause the FM Transmit signal to deteriorate or the function cannot be used.)












- ① Select the frequency band you want to transmit, e.g. FM88.0MHZ.
- ② Select the frequency band you want to transmit, e.g. FM88.0MHZ.
- ③ Adjust the receiving band of the car radio to FM88.0MHZ.

## H. Setting

As shown in the figure, click the [  ] button in the lower left corner to enter the setting interface.



| icon   | specification  |
|--|--|
|    | <p>Click to enter the Record resolution settings:</p> <p>Resolution selection:4K/2K 1080P/</p>   |
|    | <p>Click [ Split time] to enter the setting of the video segmentation time: Video segmentation time is optional: 2 minutes / 3 minutes / 5</p>                         |
|    | <p>Click [ Microphone] to enter the settings:</p> <p>You can choose to close or open .</p>   |
|    | <p>Click [ Image mirror] to enter the settings: You can choose to close or open This option makes it easier for customers to install the camera flexibly .</p>         |
|   | <p>Adjusting the proper reverse line</p>   |
|  | <p>Click [Language] to enter the settings:The language can be set to: Simplified Chinese/Traditional Chinese/English/Russian/Spanish/French/German/Japanese/Korean</p> |
|  | <p>Click [Time Settings] to enter the settings: Year/Month/Day/Hour/Minute respectively.</p>   |
|  | <p>Select to clear the connection history of all peripherals of the machine</p>  |
|  | <p>Tap to select the sound effect switch on touch</p>  |



Select to format the memory card

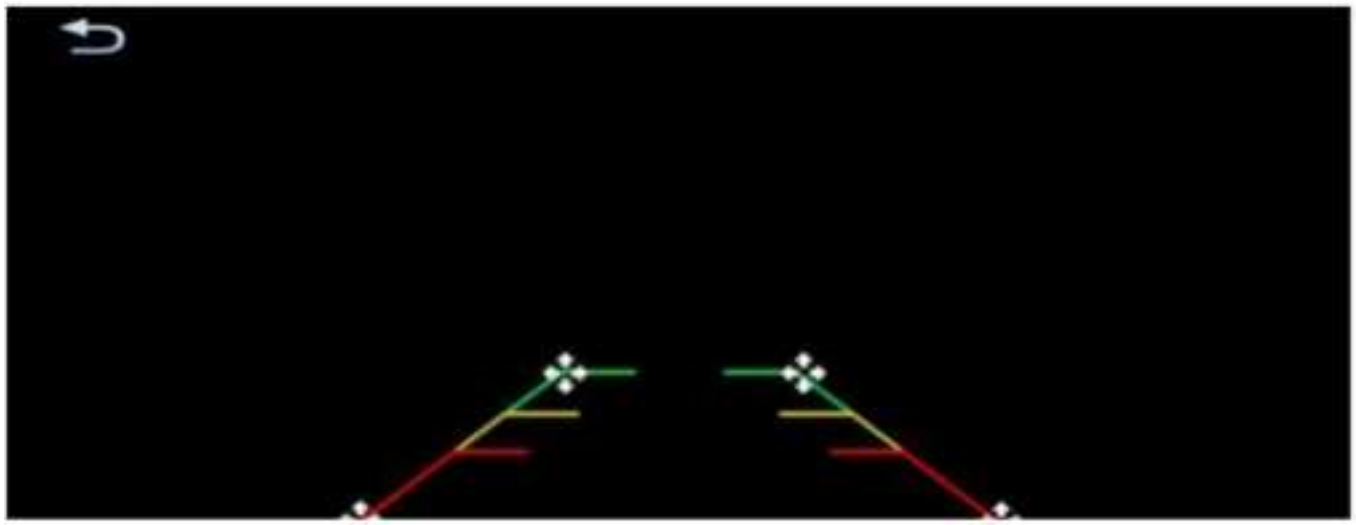


Restore the machine to factory default settings



Click to view basic information about the current version

C lick [Calibration] to enter the settings:



Park the car in the middle of the parking space.



Manually drag the left, adjust the position of the reversing assist line up, left and right, so that the reverse assist line is horizontal to the parking line on the left of the ground.



Then drag the right side by hand, adjust the position of the reversing assist line up, down and down, so that the reverse assist line is horizontal to the parking line on the right side of the ground.

After adjusting the reversing line, click [confirm] to save the calibration.



Scan wechat code to download APP and choose other downloading methods - After downloading and installing, open the software and exit the software after opening it. To connect to the device for the first time, you need to enter the WIFI setting, search for WIFI and enter your password. reconnection You do not need to enter the password again. Wait until the device WIF1 in the connected device shows that it can be switched

Click "Switch" to connect.

A. Android phones

A1: Open WIFI Settings on your phone and search for WIF1 with the name "T86-.....".  
input

Password "12345678" to connect; Then open the APP, you can see the recorder Video interface.

B. Mobile phone of Apple IOS system

B1: Open WIFI Settings of mobile phone, search device WIF, name "T86-.....",  
input  
password

"12345678" to connect; Then open the APP, you can see the recorder Video interface.

A1: Open WIFI Settings on your phone and search for WIF1 with the name "T86-.....".  
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Password "12345678" to connect; Then open the APP, you can see the recorder Video interface.

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