



Wireless 720P AHD back up camera	Shenzhen Auto-vox Technology Co., Ltd.	Model NO.	FOSP-RVC-W 8	Pages	7
	Product standard card	Set date	2019-10-10	Version	1.1

Product description: Wireless 720P AHD back up camera

Camera Specification:

	Imaging device:	HM1340
	Lens specification:	1/4inch 4G
	Horizontal angle:	90° ±5°
	Vertical angle:	50° ±5°
	Imaging resolution:	1024×600Pixel
	Minimum illumination:	0 Lux (IR mode)
	Transmit power:	18±2 dBm
	Working frequency :	2.4GHz~2.4835GHz
	Antenna gain:	2.0dBi@2400~2500MHz
	System:	IEEE 802.11b/g
	Length of cable:	150CM
	Operating Voltage:	DC12/24V
	Working current:	Max 350mA (@12V)
Operating temperature:	-20°C to +65°C	

Receiver specification:

	Output signal:	AHD
	Output resolution:	1024×600Pixel
	Accept sensitivity:	-94dBm
	Working frequency:	2.4GHz~2.4835GHz
	Antenna gain:	2.0dBi@2400~2500MHz
	System:	IEEE 802.11b/g
	Transmission range:	100M ^[1]
	Latency time:	200ms ^[2]
	Length of cable:	50CM
	Operating Voltage:	DC12/24V
Working current:	Max 250mA (@12V)	
Operating temperature:	-20°C to +65°C	

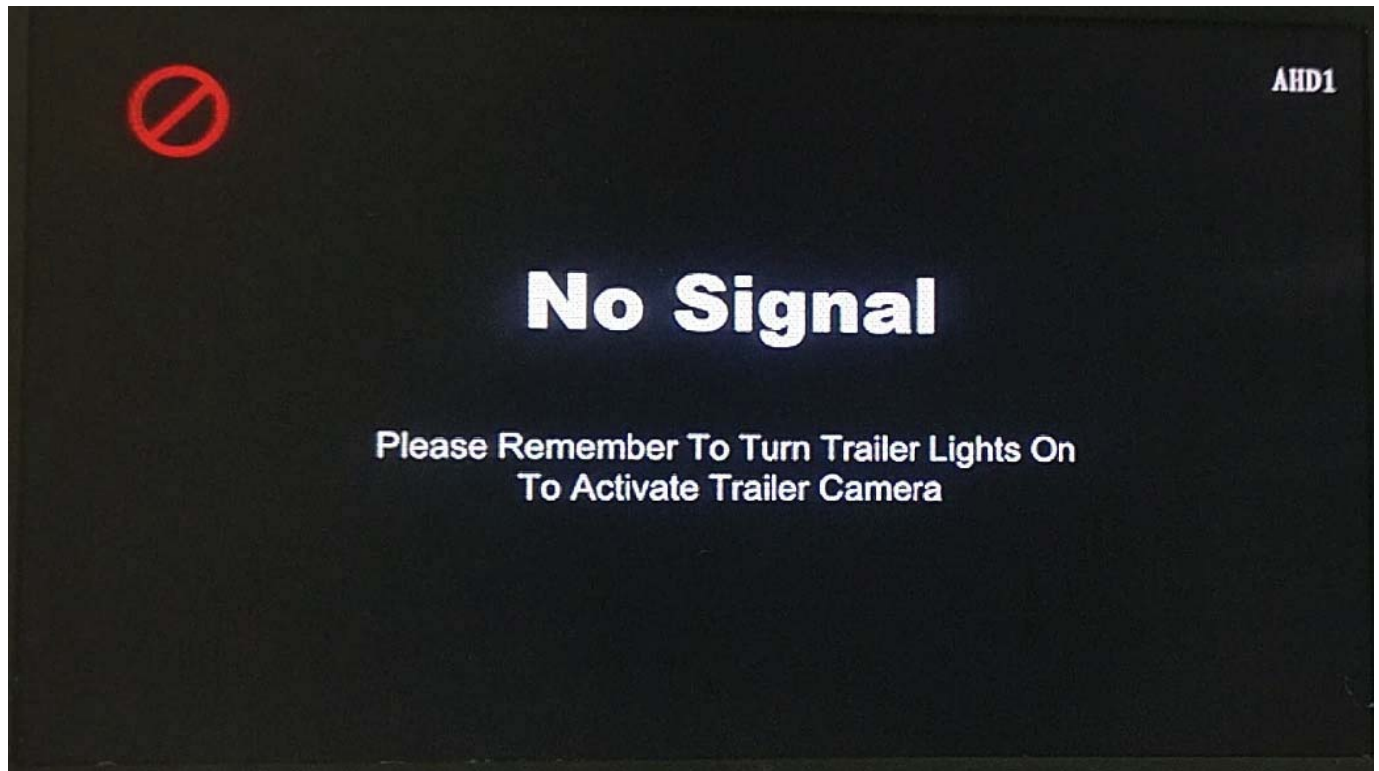
Main accessories:



FOSP-RVC-W8Extension cable 4.2m ×1

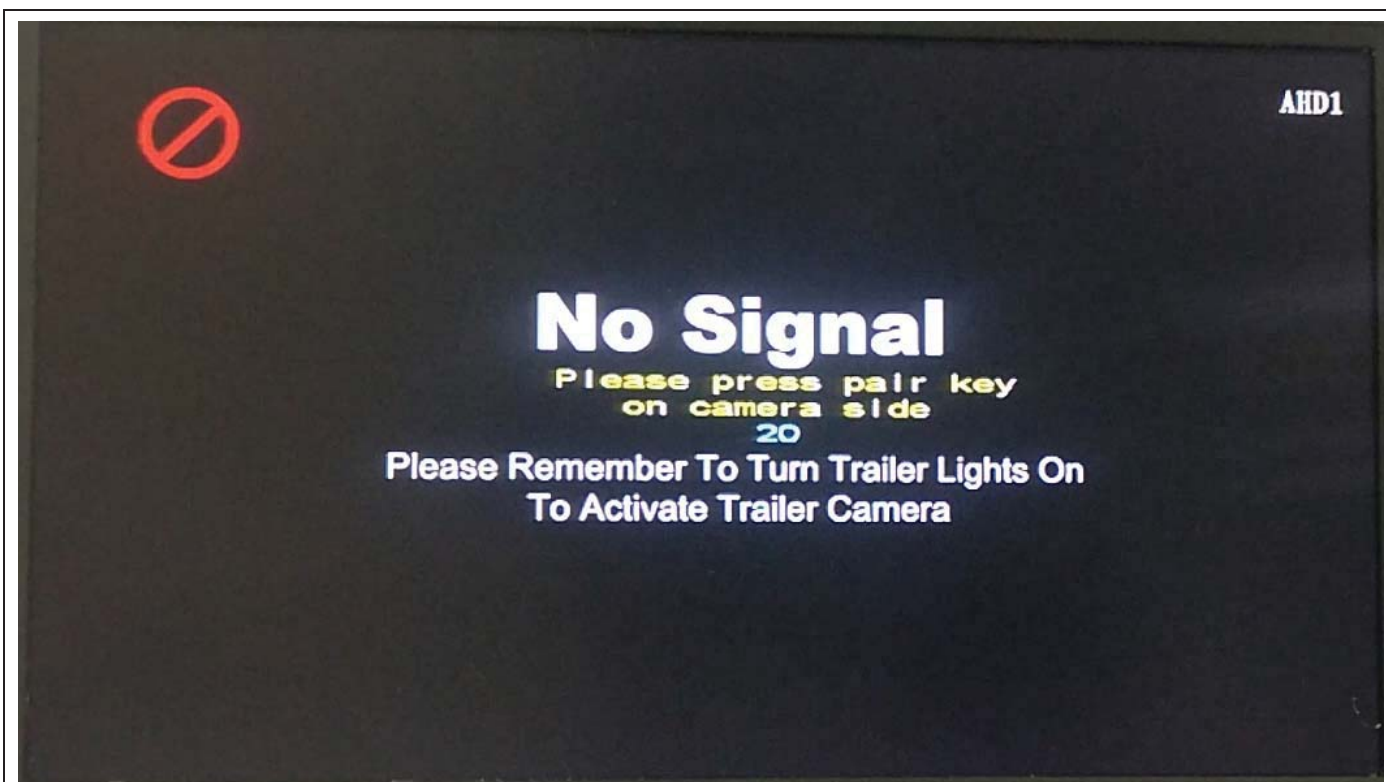
Standards function:

1. When the receiver is powered on for the first time, the code is not paired, and the paired camera is not working, the power-on indicator flashes once and enters the no-signal state directly. The “No Signal” prompt is output, only when the code operation or the camera signal is connected. Will switch to the code screen or real-time video screen. No signal prompts are shown in Figure 1. (Note: The “AHD1” white character in the upper right corner of the figure is the input signal channel indicator for the test used in the test. It has nothing to do with this product. The same content will be the same in the following)



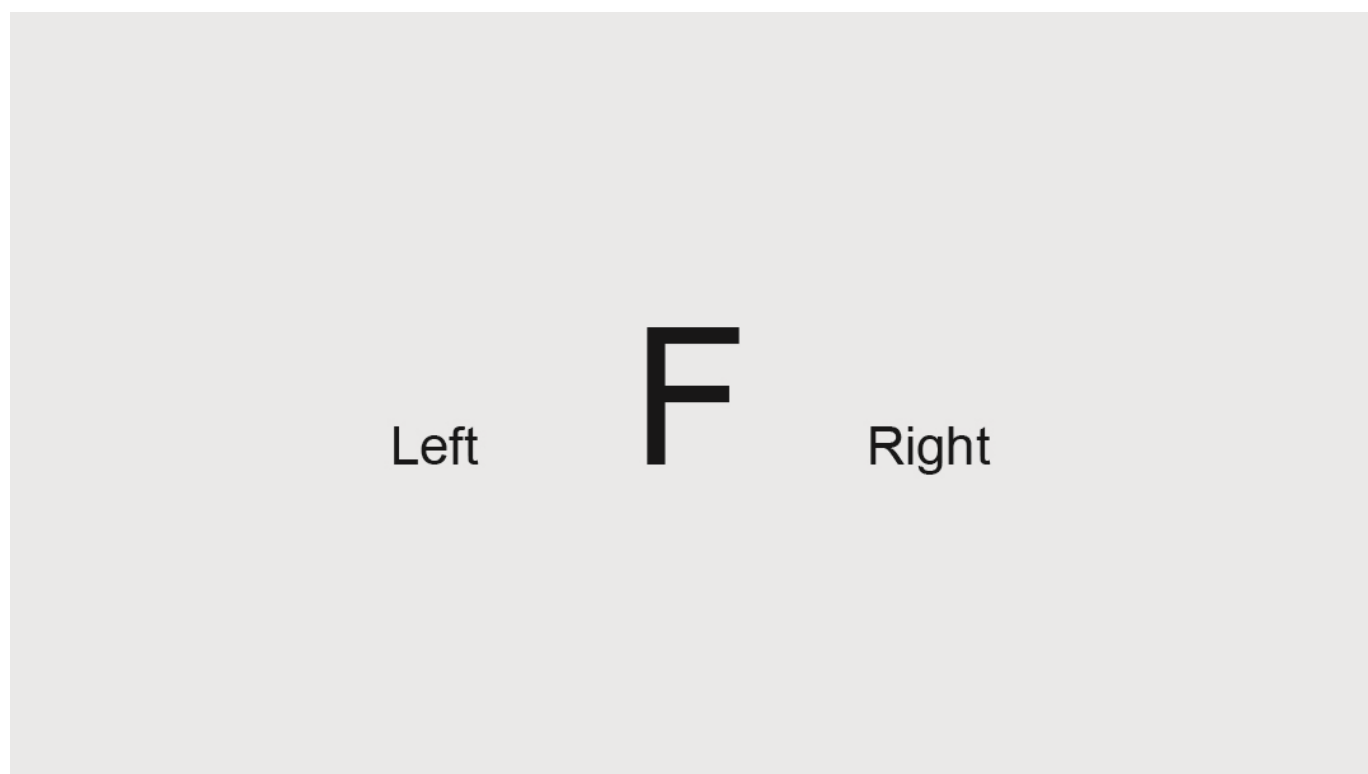
Picture 1 No signal

2. Press and hold the button 3S on the receiving box to receive and enter the code interface. Wait for the code to count down to 30S in the interface. Please power on the camera to be paired before the countdown ends. The camera and the receiving box can establish the communication connection by themselves; The first 15S of the power-on defaults to the code waiting state. Therefore, it is recommended to pair more than 10S of the countdown of the receiving box. If it is less than 10S, the pairing timeout probability will increase; if the pairing times out, the receiving box will re-enter the no-model state. The code interface is shown in Picture 2.

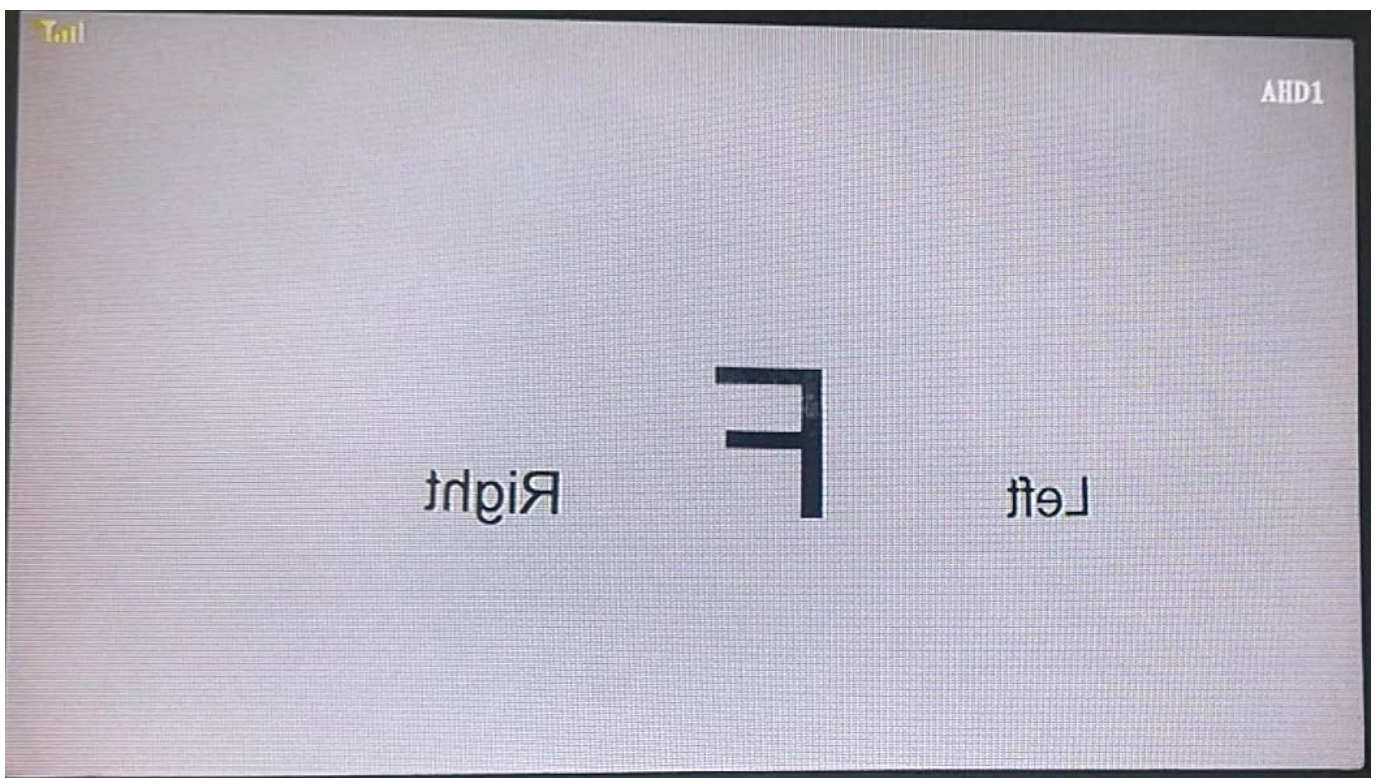


Picture 2Pair code interface

3.If the communication connection is successfully established in the above steps, the real-time video screen display screen will be automatically entered, and the yellow signal strength icon will be displayed in the upper left corner. The total connection signal status is represented by 0 to 4 total 5 grids. The actual picture of F is shown in Picture 3, and the imaging effect is shown in Picture 4.

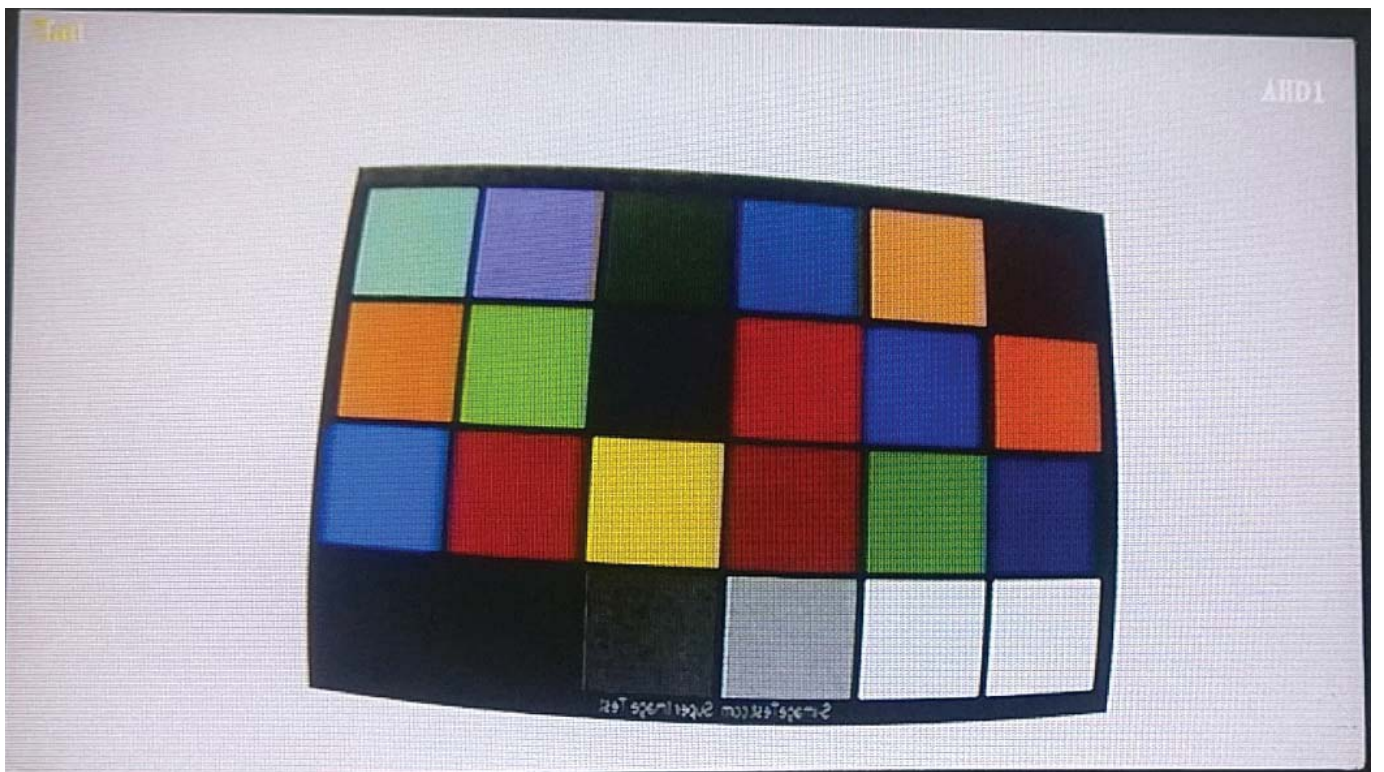


Picture 3F Normal view



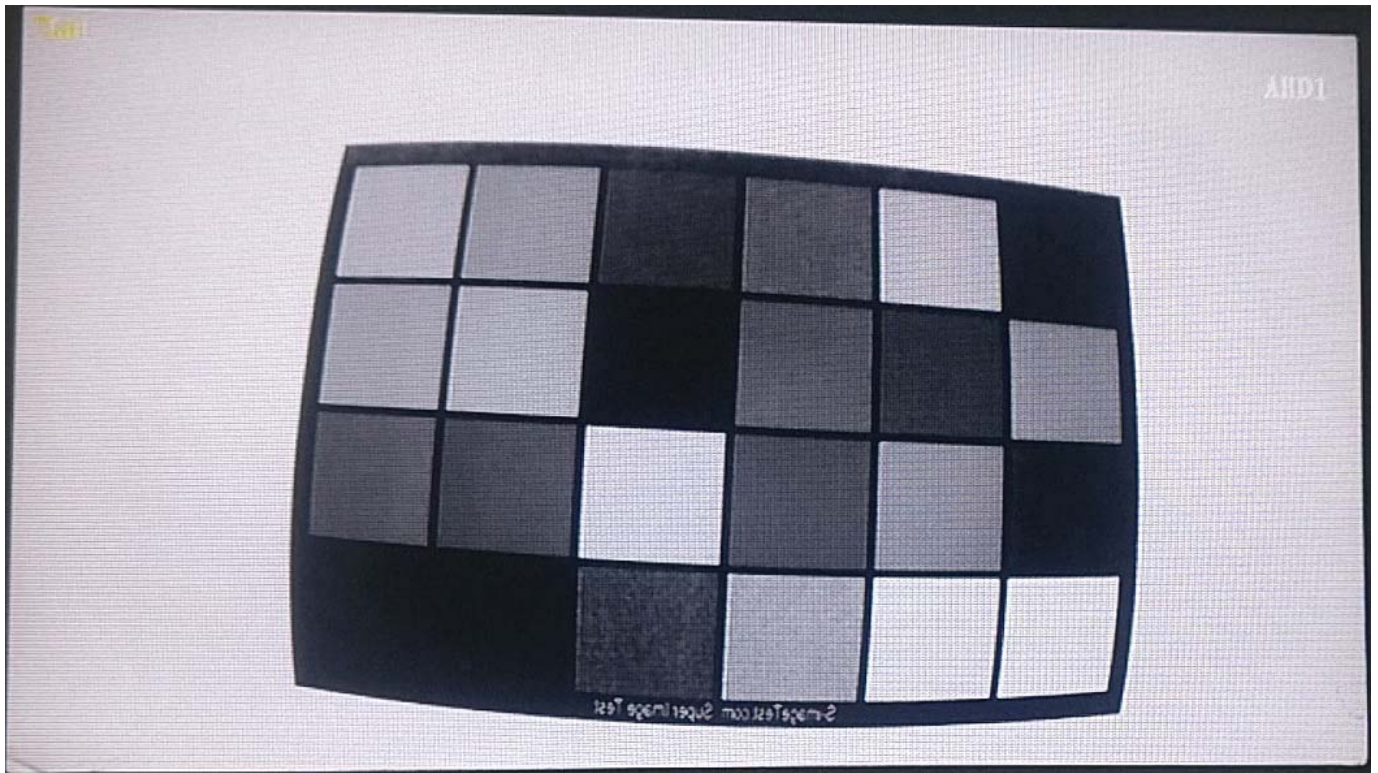
Picture 4 Mirror view

4. In the case of high illumination brightness, the camera outputs a color video signal by default. As shown in Picture 5.



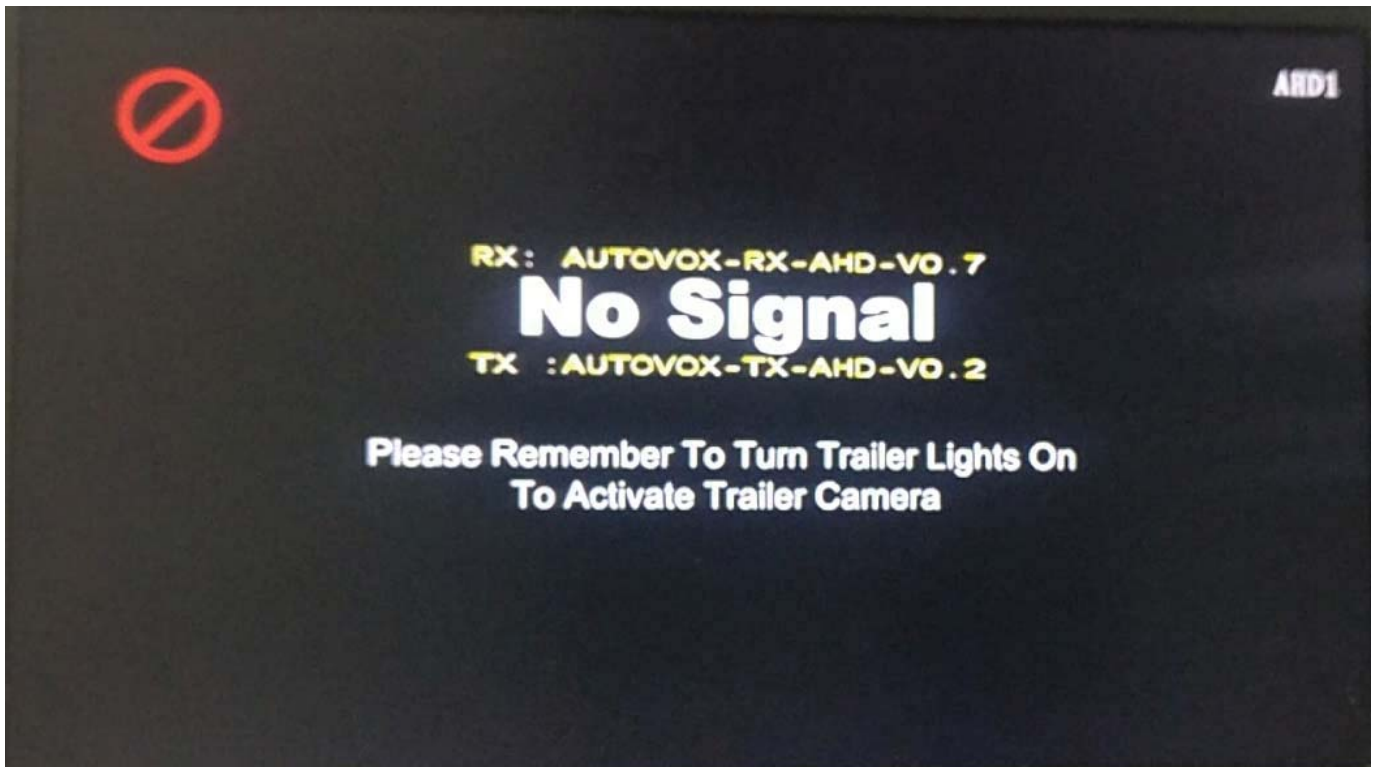
Picture 5 Color mode

5. In the nighttime environment where the illumination is very low, the camera automatically turns on the infrared light to fill the light, and the camera switches to the night mode to output a black and white video signal. As shown in Picture 6.

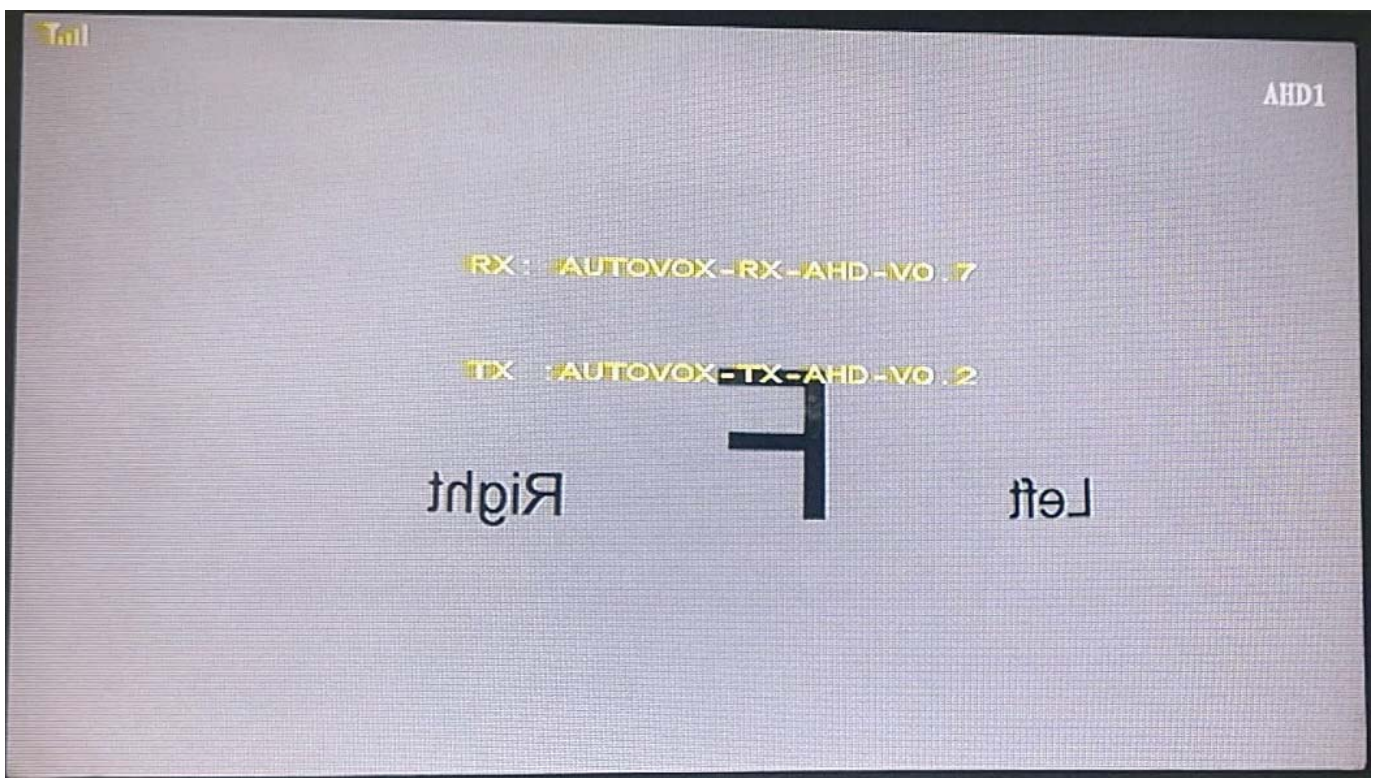


Picture 6 Night mode

6.View firmware version: Press the receiving box button 3 times in succession, the receiving box and camera current firmware version 5S will be superimposed in the video; in the unconnected state, only the receiving box firmware version will be displayed, as shown in Picture 7; in the communication connection state At the same time, the corresponding firmware version of the receiving box and camera is displayed, as shown in Picture 8. (Note: Picture 7 and Picture 8 are for reference only, the subsequent version number is displayed in the center, and only the receiving box version number is displayed in the unconnected state)



Picture 7 Reciver firmware version



Picture 8 Receiver and rear view camera firmware version

Remarks:

[1] Measure data in an open, unobstructed, electromagnetically free environment.

[2] Camera to receiver box image transmission delay time.

The above data is for reference only; the data may be subject to environmental impact errors, please refer to the actual.

Indicator status and meaning:					
●●●●●●		Steady on, the receiving box works normally, and the signal transmission is normal.			
●●●●●●		Fast flash, the receiving box works normally, in the code mode			
●●●●●●		Normally off, the receiving box works normally, and it is in no signal/unpowered state.			
●●●●●●		Flash once, the receiving box is turned on			
Made by:	Songming He	Engineering review:		Purchase signature:	
Sales confirm:		Producing signature :		Gernal Manager :	

Date	Version	Issue Description
2019.08.30	V1.0	First issue
2019.10.10	V1.1	Upgrade transmission power specification

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.