USER MANUAL

7”AI BSD CAMERA MONITOR SYSTEM



PJ-702BSD

Before operating the Monitor, please read this manual thoroughly and keep it for future reference.

PACKAGE CONTENTS LIST



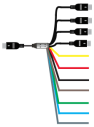
7"Digital LCD Monitor



Camera



Remote control



Video power Cable



Video Extension Cable



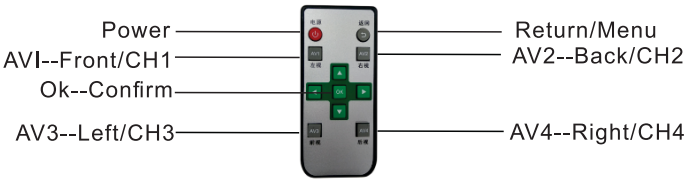
Accessories

PARAMETERS

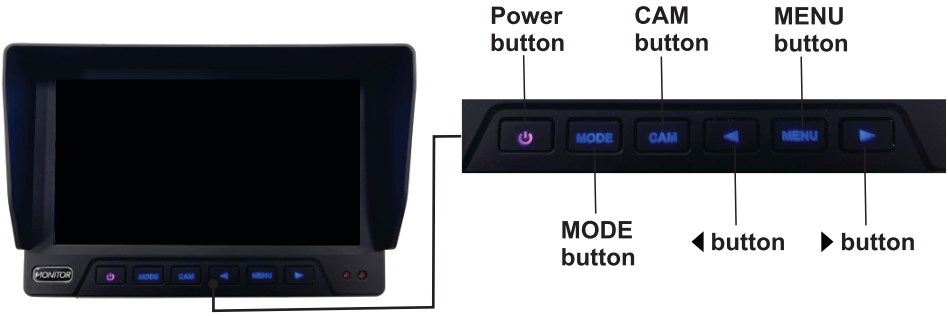
Monitor specs:		Camera specs:	
Size	7inch IPS	Resolution	1280*720
Video Input:	4-channel	Lens Angle	120°(D)
Resolution	720P	Signal system	Pal (NTSC optional)
LCD luminance	500cd/m	Waterproof grade	IP69K
Boot time	8S Max	Min. Illumination	0.01lux
Video format	TS	Working voltage	DC12V±10% (powered by the display)
Storage	Max.128G		
Voltage	DC 12V ~ 36V	Vibration resistance level	5G (conforms to GB-T2423056-2006 standard)
Compression Format	H.264		
Current:TYPE	400mA, Max.500mA	Material	Zinc alloy body
Ratio	>42dB	IR LED lights	18pcs
Picture format	jpg		
Speaker power	2W/8Ω		
Menu Language	English/Chinese/Japanese/ Russian/Korean		
Storage temp	-40° C ~ +85° C, 85% RH		

****THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE****

PARAMETERS



Button function:



POWER button
Short press to turn off. Long press to shut down. After shutting down, short press to turn it on.

MODE button
On the menu interface, it is the confirm button. On the video interface, it is the switch to tum off thevideo and tur on the video.

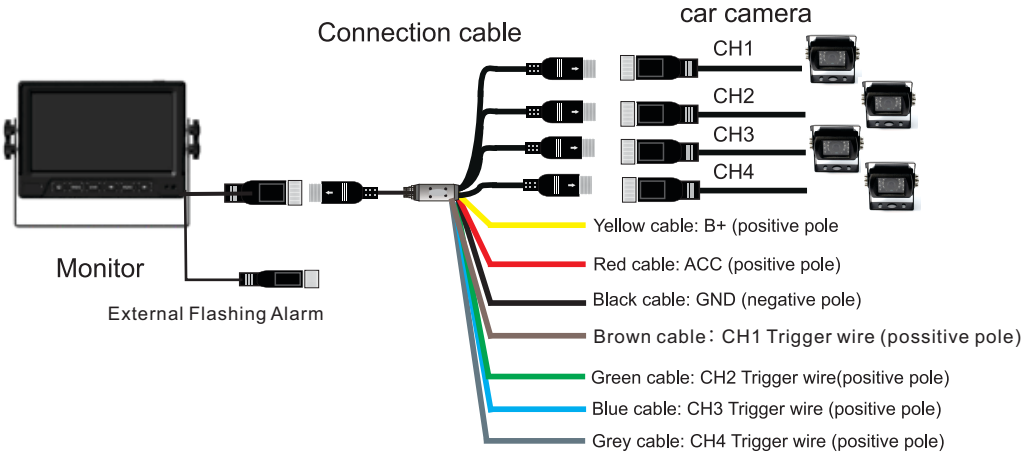
CAM button
In the video interface, swich the video display channel.

◀ button
Selecte upwards in the menu interface. When recording, the reversing interface is triggered, this button can adjust the reversing line

MENU button
Exit recording, return to the previous step or enter recording function when in the menu interface.

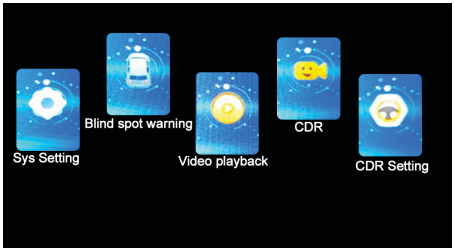
▶ button
Select downwards in the menu interface. When recording, tap to take a photo of the recording.

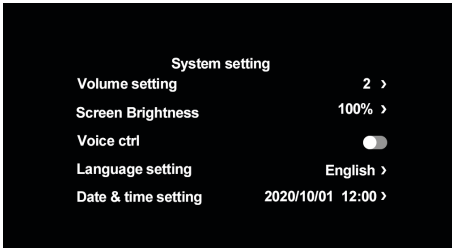
CONNECTION DIAGRAM

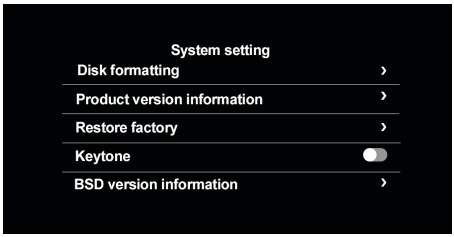


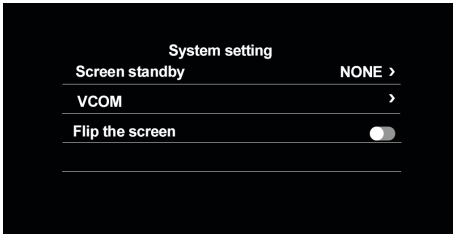
MANUAL SETTING

1.System setting

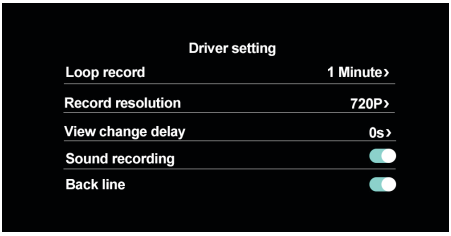


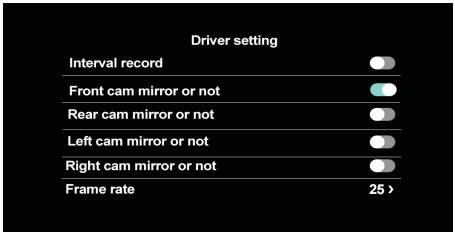






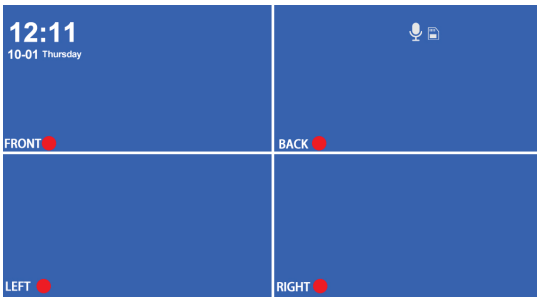
2.CDR setting





3.DVR Setting

Start the car engine, the system will automatically start and turn on the video recording function. When the icon shows solid red and flashing, it is video recording. Turn off the car engine, the system automatically saves the video, and shuts down. And the recorded video is saved in sections on the TF card. When the TF card is full, the recorder will overwrite the video recorded earlier.

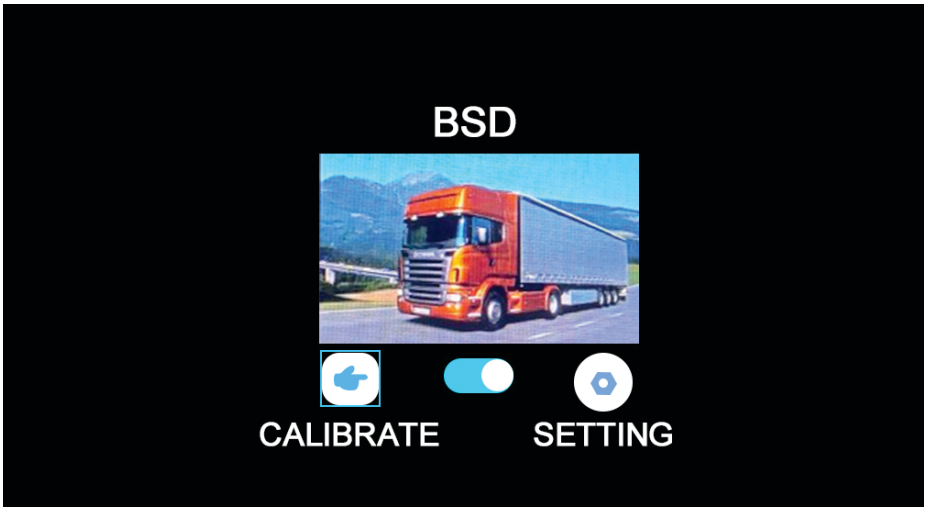




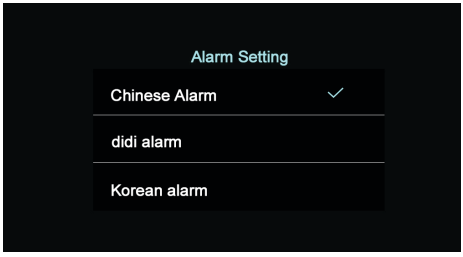
Recording Time:

	1 minute	8G	32G	64G	128G
connect one cameras	47.3M	28hr	112.5hr	225hr	450hr
connect 4 cameras	189.2M	7hr	28hr	56hr	112.5hr

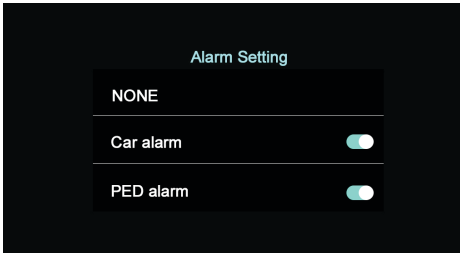
4.BSD setting warning setting



4.1 Detection object setting:



Sound optional: Chinese/Korean/ beep alarm

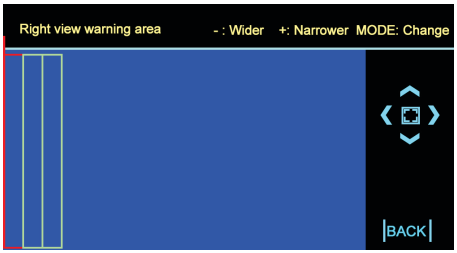


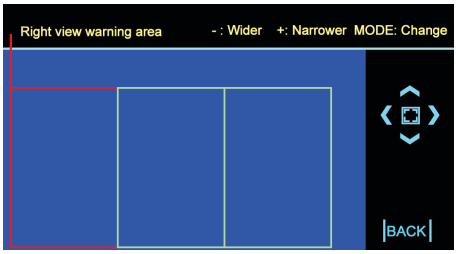
Detection object optional：Can detect all object, or detect car /pedestrian only

4.2 Calibration:

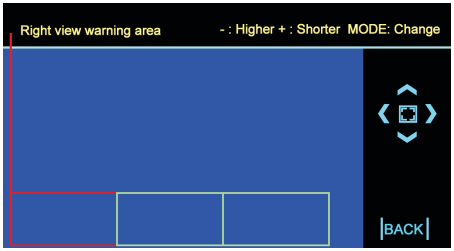
Detection zone adjustment: Zone setting to trigger the alarm. Can according the width /height of vehicle to adjust the parameters of the warning area.
In this interface,
press " CAM" to switch image of camera,
press " MODE" to switch the width/heigh/shift/slope of the right/left/back warning area,
press ◀button and ▶button to adjust the parameters of high/wide/slope

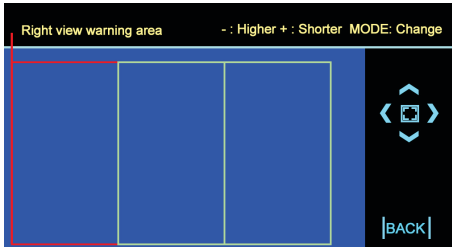
4.2.1 Width:





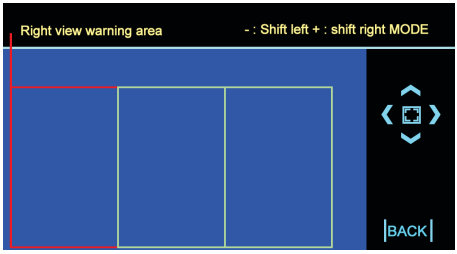
4.2.2 Heigh:



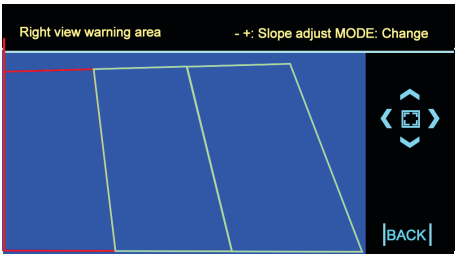


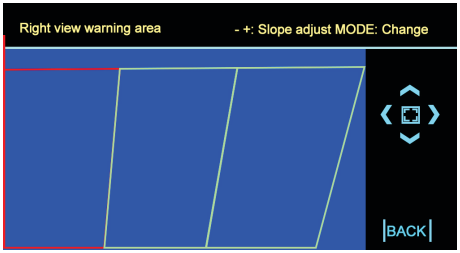
4.2.3 Shift:





4.2.4 Slope:





INSTALLATION INSTRUCTIONS

1.Turn off the car engine.
2.Insert the TF card into the recorder card slot. [Note] Please use a high-speed TF card (above Class6) with a capacity not less than 16G, TF card supports up to 128GB.
3.Fix the recorder monitor on the car stable console platform.
4.Connect the ACC line and the normal DC power to the car power box, and connect the ground wire to the negative pole of the power supply.
5.Connect the three trigger lines left, right, and rear to the control ports of the power box respectively.
6.Install the front, rear, left, and right cameras at the corresponding positions on the car, and pay attention to interference sources, such as engines and air conditioners. When installing, the wiring can be laid along the roof of the vehicle.
7.After booting up, look at the four screens, whether the front, left, right and back screens need to be mirrored (you can enter the driving settings to set)
8. Detection zone adjustment: left, right, rear camera adjustment, these three views include
pedestrians, cars Detection function, it is recommended that the left and right lens screens can see the body and the ground. Open the calibration interface, according to the image
screen and auxiliary lines to adjust.
(Note that the left side of the blue line is the car body. When a pedestrian enters the green line frame, the system will emit a warning sound.)



IMPORTANT NOTES

1.The rear(front) view camera functions technically as a driver assistance device, which cannot be taken as substitute for driver’s responsibility when operating the vehicle.
2.To keep the camera working properly, please clean the camera regularly to free it from dirt, water drops, snowdrops,etc.
3.Although the camera is designed to be waterproof, please do NOT use high-pressure water jet to wash the camera as this may break the glass lens.
4.Keep the cables of the camera away from high temperature objects such as engine or exhaust.
5.If the camera model you have comes without in-built LED lights, please turn on your license plate light for better vision at night or in dark areas.
6.The camera are applicable to vehicles with DC 12V power output(10% higher or lower allowed), please do NOT use it on vehicles with DC 24V or other power output out of this range, otherwise it is very likely to get burned.
7.The specifications of the camera are subject to change without prior notice.