

Aoocci BX Smart Motorcycle Console



User Manual

aoocci.com

Overview

The Aoccci BX motorcycle smart car system features BSD radar rearview lane change assistance and early warning capabilities. It is also equipped with 1080P high-definition front and rear dual recording cameras to record riding conditions in real time. Supports intelligent functions such as wireless screen projection for mobile phones, motorcycle navigation, and operation of mobile phone apps. Equipped with a 5.5-inch high-brightness display screen and GPS high-precision satellite positioning function, it provides you with an intelligent and convenient riding experience. The main unit is equipped with IP68 dust and water resistance, It can easily handle harsh outdoor environments.

Main body and accessories



Host*1



Millimeter wave radar *1



Camera*2



Tire Pressure*2



GPS*1



controller



Wiring Harness*1



Power*1



Fixed Base*1



Quick Release Bracket*1



L-Bracket*1



Z-Type Bracket*1



Reducer Ring*4

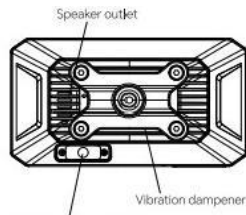


Storage Card 64G*1



Tools*5

Parts Details



Installation Guide



If the vibration amplitude of the motorcycle is too large, it will be automatically judged as an emergency situation. In emergency situations, videos will be automatically saved without overwriting. At this time, it is easy to fill up the space, making it impossible to store videos in a loop. Therefore, it is necessary to clear the automatically saved videos on the memory card or manually format the memory card every three months

Vehicle Installation

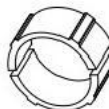
Select the appropriate reducer ring based on the mounting bar



16mm



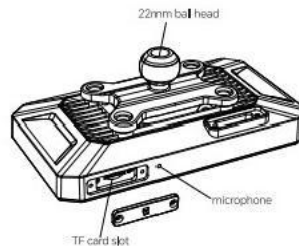
22mm



24.5mm



28mm



TF card installation

[Note]

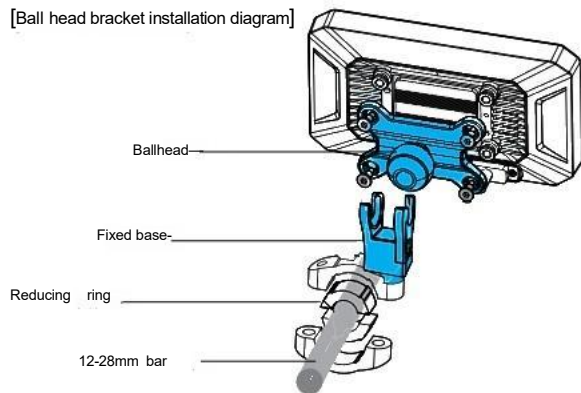
1. Please use a high-speed TF card (Class 10 or above) with a minimum capacity of 16GB and maximum capacity of 128GB. 2. After installation, please format the TF card before first use

The product is equipped with a 64GB memory card
And it has been installed in the equipment at the
factory

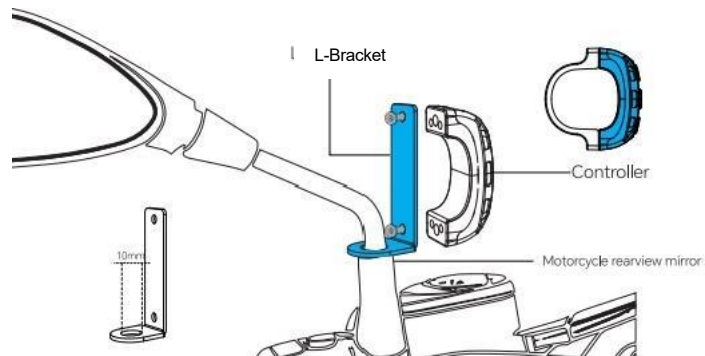
Format TF Card

Host-Settings-
Formatmemory card

[Ball head bracket installation diagram]

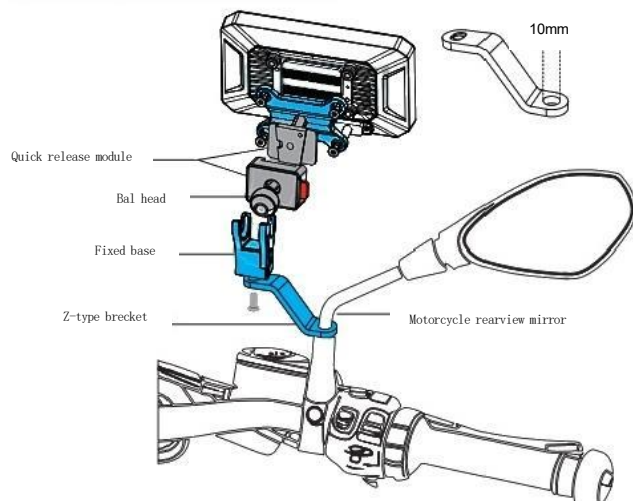


[Illustration of installation of controller on Lbracket]

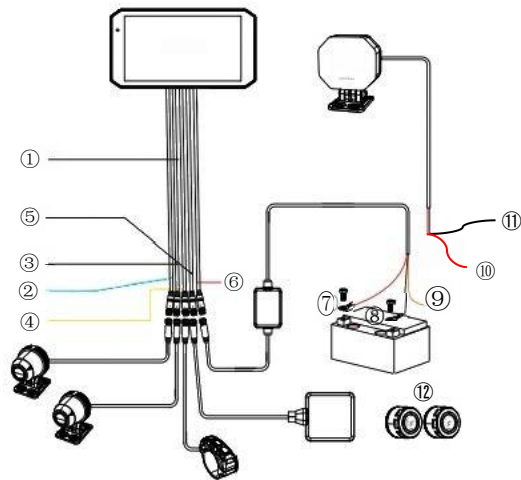


*The displayed angle is illustrative. Set it to your desired position for practical use.

[Z-type bracket installation diagram]

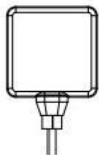


Wiring Diagram



- ①Wiring harness connects to the host extension cable
- ②Rear-CH2 cable connects to the rear camera
- ③Front-CH1 cable connects to the front camera
- ④Controller cable connects to the controller
- ⑤GPS cable connects to the GPS
- ⑥Power cable connects to the host power cable
- ⑦Power cable B+connects to the positive terminal of the battery
- ⑧Power cable GND+⑪ radar's black (negative)cable connects to the negative terminal of the battery
- ⑨Power cable ACC+⑩ radar's red(positive)cable connects to the battery ACC cable
- ⑫Front/rear tire pressure sensors.Please install on the corresponding tire

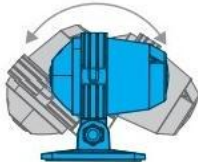
[GPS Installation Notes]



Remove the backing of the 3M adhesive tape and install it onto the bike frame

1. Do not install under carbon fiber parts
2. Cannot be blocked by metal parts
3. Install away from camera, camera wiring and host as possible
4. If GPS cannot receive signal, change the installation location

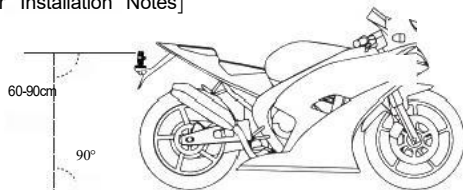
[Camera Installation Notes]



Tear off the backing of the 3M adhesive and stick the front/rear camera to the front/rear of the motorcycle

1. The camera can be rotated 180° forward and backward by loosening the screws.
2. Please adjust the camera arrow mark to face upwards
3. Please clean the surface before applying the adhesive. When attaching, press firmly for at least 10 seconds and let it sit for 30 minutes to ensure the best adhesion
4. If the camera is installed in reverse, please rotate it 180° and adjust the angle accordingly.

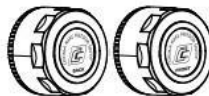
[Radar Installation Notes]



Tear off the backing of the 3M adhesive and install the radar at the rear of the motorcycle. Installation height should be 60-90cm from the ground and the radar should be 90° from the ground.

1. The radar can be rotated 180° forward and backward by loosening the screws.
2. Please wipe the surface of the pasting position. When pasting, press with all your strength for more than ten seconds and let it stand for 30 minutes to ensure the best pasting effect.

[Tire Pressure Installation Precautions]



Battery life: 1 year

Size parameters: 22.7x18.05mm Battery replacement: CR1632

Tire pressure monitoring range: 0 to 100 psi (0 to 689 kPa)

Tire temperature monitoring range: -40°C to 125°C

By installing a tire pressure detection sensor, the real-time tire pressure can be read, and a pop-up window will appear when the alarm threshold is reached



Operation and Interface Introduction

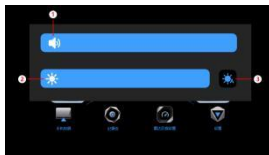
主界面



- ① Compass
- ② Screen projection
- ③ Dashcam
- ④ Time display
- ⑤ Radar setup
- ⑥ Settings
- ⑦ Tire pressure display
- ⑧ Speed display
- ⑨ Video recording status

- ⑩ TF card status
- ⑪ BSD status
- ⑫ GPS status
- ⑬ Wi-Fi status
- ⑭ Bluetooth status

Swipe down adjustment interface



① Volume adjustment

Slide to adjust the volume

② Brightness adjustment

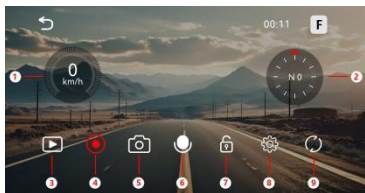
Slide to adjust the screen brightness

③ Auto brightness

Auto screen brightness can be turned on/off

When wirelessly projecting the screen, the volume and brightness need to be adjusted through the virtual keys

Recorder interface



1. Speed display

2. Compass

3. Video replay

4. Turn on/off the video recording

5.Photo button

6.Turn on/off the recording

7.Locked video

8.Recorder Settings

9.Front and rear camera switching

When the ordinary video storage space or the emergency video storage space is full, the system will automatically delete the earliest recorded video to activate the loop recording function

Recorder setting interface



1. Video duration

The recording duration of a single video can be set as 1 minute, 2 minutes or 3 minutes

2. Post-recording Settings

Set the rear camera mirror to correct the reverse preview issue of the picture, or set the rear camera mirror to be used as a rearview mirror.

3. Collision sensing RCW

After enabling this function, if a collision occurs during driving, the current video will be locked

4.Sentinel Mode

When this function is enabled while the vehicle is parked and the engine is turned off, if a collision occurs, the video during this period will be marked as locked and classified as an emergency video. Formatting will clear all driving images/pictures

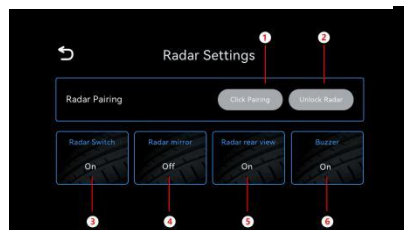
5.Recording switch

Turn on/off the recording function

6.Format the SD card

Clear all the files in the SD card

Radar setting interface



Radar pairing

1.Pairing radar devices: Click the pairing button to enter the radar pairing state. Bind according to the ID number displayed in the pop-up window on the left. If the radar ID number is not found for a long time, please restart the device or wait for 5 minutes

2.Unbinding radar
Unbind the radar

3.Radar switch
Set the radar on/off

4.Radar image

Turn on this function when the radar base is installed upwards

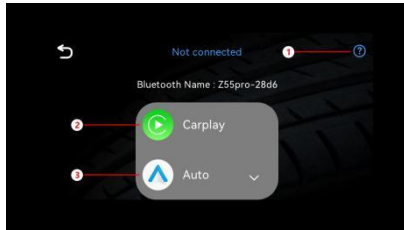
5.Radar rearview

After enabling this function, when a radar signal is detected, the rear streaming media image will be displayed synchronously

6.Buzzer

When this function is enabled and a radar signal is detected, there will be an alarm prompt sound

Screen projection interface



- 1.Help
InstructionsforScreen Projection Connection
- 2.carplay
carplay screen projection on iphones
- 3.Auto
Overseas Android phone screen projection

System Settings



1.Function

Click to enter: You can set tire pressure, WiFi video, audio, GPS information, time format, and Android motorcycle navigation

2.Time and Date

Set the time and date manually

3.Language

Multilingual Settings

4.Unit of speed

Speed unit setting

5.About this machine

Check the relevant information of the device

6.factory data reset

The equipment is restored to its factory condition

The tire pressure setting interface



1.Bind the front wheel
After installing the tire pressure, click "Bind"
to bind the corresponding ID number.

2.Bind the rear wheel
After installing the tire pressure, click "Bind"
to bind the corresponding ID number.

3.Low-voltage alarm value
The current tire pressure value is displayed
in real time. When it drops below the set
value, the equipment pops up an alarm
window.

4.High-voltage alarm value
The current tire pressure value is displayed in real time.
When it exceeds the set value, the equipment pops up
an alarm window.

5.Tire pressure unit
The corresponding unit can be selected according to
the current shipping country.

6.Temperature
The unit can be set manually.




Radar rearview warning interface



- 1.When a vehicle appears at the left rear, the left area will turn red and flash according to the distance between vehicles. Simultaneously retrieve the rear camera and the beeping sound
- 2. When a vehicle appears at the right rear, the right area will turn red and flash according to the distance between vehicles, and at the same time, the rear camera and beeping sound will be retrieved
- 3.When a vehicle appears directly behind, the red boxes on both sides will flash simultaneously, and at the same time, the rear camera and buzzer sounds will be retrieved

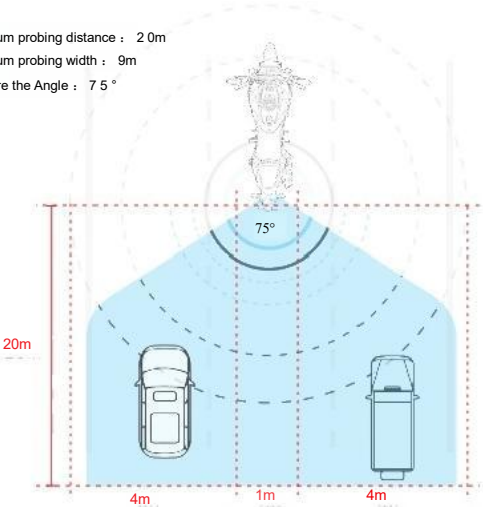
线控器按键操作



At work			When the call comes on	
	Short press	Long press	Short press	Long press
	Main interface/Rear camera/Front camera Tire pressure	Press and hold for 5 seconds to turn off the screen/Click again to turn it on	Hang up the phone	/
	Short press	Long press	Short press	Long press
	Snapshot photo	Long press for 3 seconds to lock the video	Answer the phone	/
	Short press	Long press	Short press	Long press
	Rear camera streaming media/mobile phone interconnection interface	Press and hold for 3 seconds to turn on/off the touch function	/	/

Radar rearview

Maximum probing distance : 20m
Maximum probing width : 9m
Measure the Angle : 75°



In terms of cycling safety guarantee, millimeter-wave radar can achieve precise rearview early warning. This radar measures the distance between the target object and the rider by transmitting and receiving millimeter-wave signals, using the propagation time of electromagnetic waves, and continuously monitors the incoming vehicles in the blind spot behind. When the Radar detects an approaching vehicle from behind, the system will automatically activate the RRV(Radar rear-view) warning mode and remind the rider through multiple warning methods:

Visual cues The warning lights on both sides of the vehicle's infotainment screen are flashing to ensure that cyclists can notice quickly

Sound instructions The buzzer emits a sharp and highly recognizable alarm sound

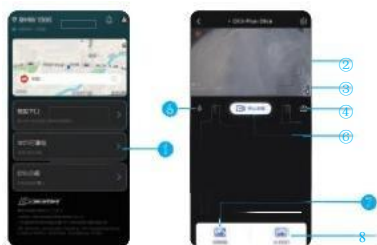
Real-time image The rear camera automatically turns on, providing intuitive information about the road conditions behind

WiFi video APP

1.Scan the code to download motonaviAPP, Follow the operation instructions within the APP



2.WiFi recorder



1.WiFi recorder

Click to enter the WiFi recorder interface

The real-time image of the current recorder can be viewed

2.Recorder screen

The current real-time image display of the recorder

3.Full-screen button

Click on the full screen of the recorder

4.Switch button

Click to switch and view the front/rear camera images

5.Stop or start the video recording

Click to control the recorder recording on/off on your mobile phone

6.Sound switch

Click to turn on/off the sound recording

7.Equipment album

You can view the videos/pictures recorded by the recorder

8.Local album

You can view the videos/pictures that have been downloaded locally

3.OTA Upgrade



1 . OTA upgrade

Click to enter the OTA upgrade interface

2.Current version

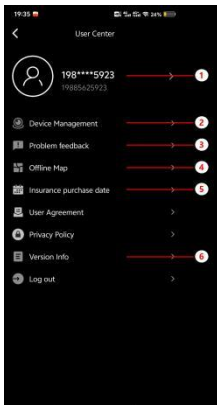
Display the current version information of the vehicle's infotainment system

3. Upgrade

New versions can be retrieved and discovered

Do not power off when performing an OTA upgrade. The device will automatically restart after the upgrade is completed

4.Personal Center



1.Personal information

2.Equipment Management

3.Problem feedback

4.Offline map

5.Insurance purchase date

6.Version information

Product Features

Display screen	5.5-inch high-definition screen(960X480)
Front camera	AHD1080p 25fps
Rear camera	AHD1080p 25fps
Video file format	MP4
Picture file format	jpg
Video/image codec	H.264/H.265
Loop video recording	Seamless loop video recording
Built-in microphone	Noise-reducing microphone head
Speaker	Built-in 4Q1.2W
Memory card	TF 16-128GB (Class 10+, genuine)
Time watermark	Support
Language	Support multi-language switching
Parking monitoring	Support
One-click snapshot	Support
Gravity sensing	Support
Line controller	Support
WiFi	2.4G/5G
Apple Carplay	Support
Android Auto	Support
华为HiCar	Support
WIFI视频	Support
Millimeter-wave radar	Support
Tire pressure	Support
Storage temperature	-30°C to 80°C / -22°F to 176°F
Working humidity	15-65%RH
Working temperature	-20°C to 70°C / -4°F to 158°F
Rated voltage of the system	5VDC(±0.3)
System static current	s1mA
System working current	s1800mA

Frequently Asked

1、The recorder shows that the memory is full and cannot loop the video recording.

1.1、First, when the new card is used for the first time on the machine, the machine will prompt you to format the TF card first. Please format it first. If there is no prompt for some, please set the format first before using it.

1.2、Check whether the display of the front and rear cameras is normal. If the camera display is abnormal, it will also cause no video recording.

1.3、Format the TF card. If you find any formatting abnormalities, you can replace the TF card and try again.

2、Automatic power on/off;

Please check whether the parking monitoring function of the machine is enabled. If this function is enabled, the machine will automatically turn on and record when it senses a collision or shaking. After recording for 15 to 30 seconds, it will automatically shut down.

3、No image when the camera is inserted:

3.1、Please check whether the plug is correctly connected and whether the camera cable is loose.

3.2、Try cross-connecting the front and rear cameras to see if they can display normally.

4、During the video recording process, the screen freezes or the key response is slow:

4.1、Please first check if the memory card you are using is a high-speed card (Class10). If you are using a non-high-speed card, you may encounter problems such as missing seconds, video playback lag, screen flickering, and system crashes. At the same time, since the quality of high-speed cards on the market varies greatly, when purchasing, one should choose brand memory cards.

5、Do not save after setting the time or function:When the machine experiences an abnormal power outage, the machine Settings fail to save the current data in time, resulting in the inability to save.

Disclaimer

Special note: The machine must be in a normal video recording working state before it can record video files. However, the following situations may lead to image damage or loss;

1、In the video recording, removing the TF card will cause the last video file to be damaged or lost.

2、If the power is cut off during video recording, it will cause the last video file to be damaged or lost.

3、Damage or loss of video files caused by destructive collisions to the machine during the video recording process.

4、During the video recording process, if the memory card becomes loose due to excessive collision, it may damage the video file at that time or cause the video file to be lost.

5、The video recorded by the dashcam is for reference only. Our company will not be held responsible for any bad files or data loss caused by abnormal operation of the machine.

Notes:

This equipment is guaranteed for one year from the date you purchase the product, except for damage caused by human error or abnormal use. If there is no relevant purchase voucher, the warranty period will be implemented from the production date of the product.