XBHT

Motorcycle/Motor Vehicle Dedicated Driving Recorder
Xb702 Manual

Thank you for purchasing this product. This product is a multi-functional high-tech new product with high-definition, front and rear dual video recording functions. It is suitable for motor vehicle shooting and effectively improves the evidence collection of driving accidents. Before using this product, please read this user manual carefully, and please keep this manual; We hope this product is able to meet your needs and serve you for a long time.
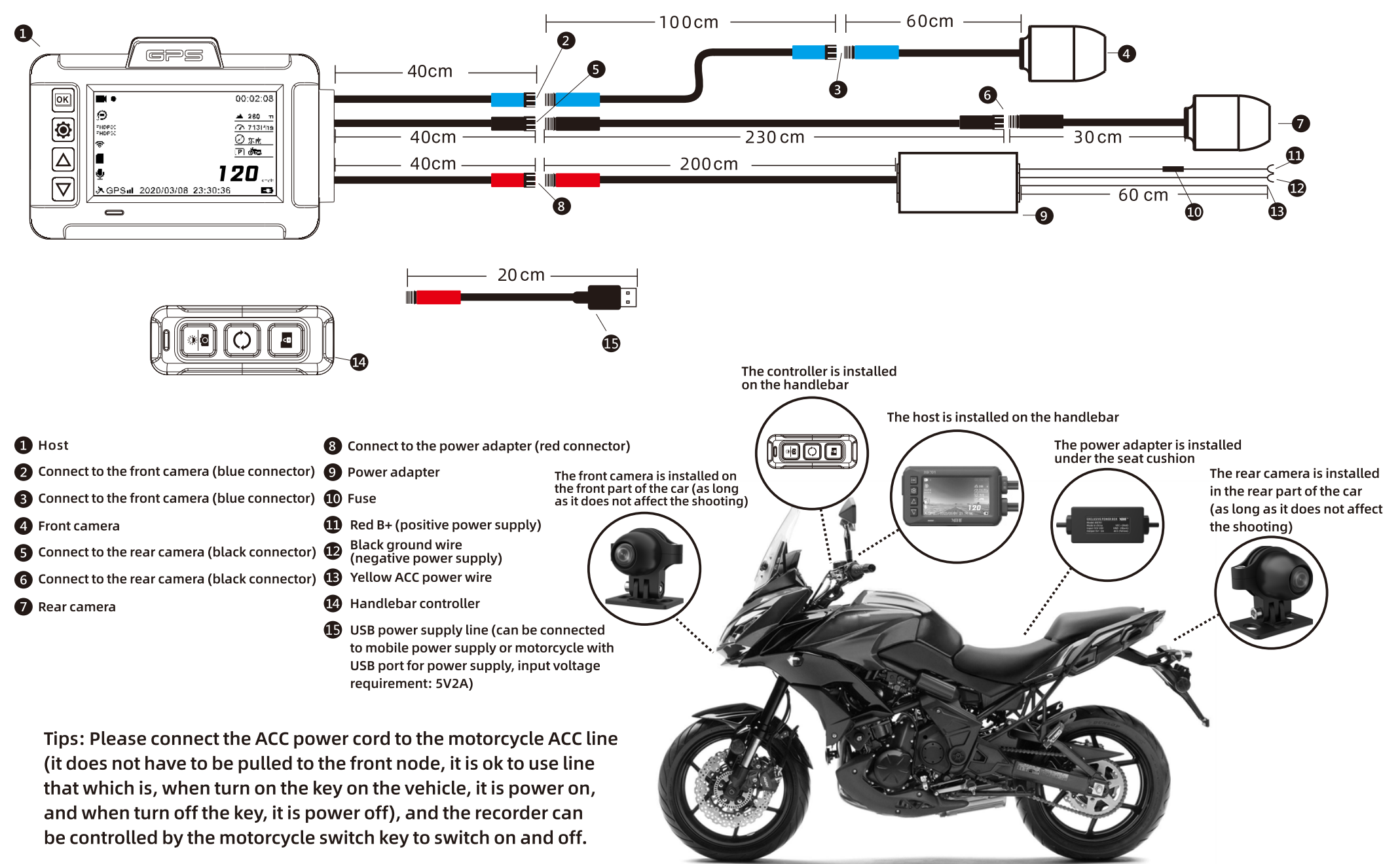
Warm Reminders

1. This product is connected to a 12V power supply. For electric vehicles, please measure and find out the 12V line contacts.
2. Before installation, first connect to the power for testing, and then install the vehicle (can use the matched USB cable for power supply)
3. Please turn off the power of the vehicle before installation, and then turn on the power after connecting the wiring.
4. Please choose a suitable place before fixing it.
5. It is strictly forbidden to use a high-pressure water gun to flush the main body of the recorder to prevent water from entering!
6. Maximum support for 256GTF card expansion, please use U3 high-speed card (with read speed above 100Mb/s, write speed above 60Mb/s)
8. Please connect the camera according to the logo on the body, F connect the front camera, and B connect the rear camera.

Note: To ensure the speed and safety of the file storage, please format the memory card regularly.
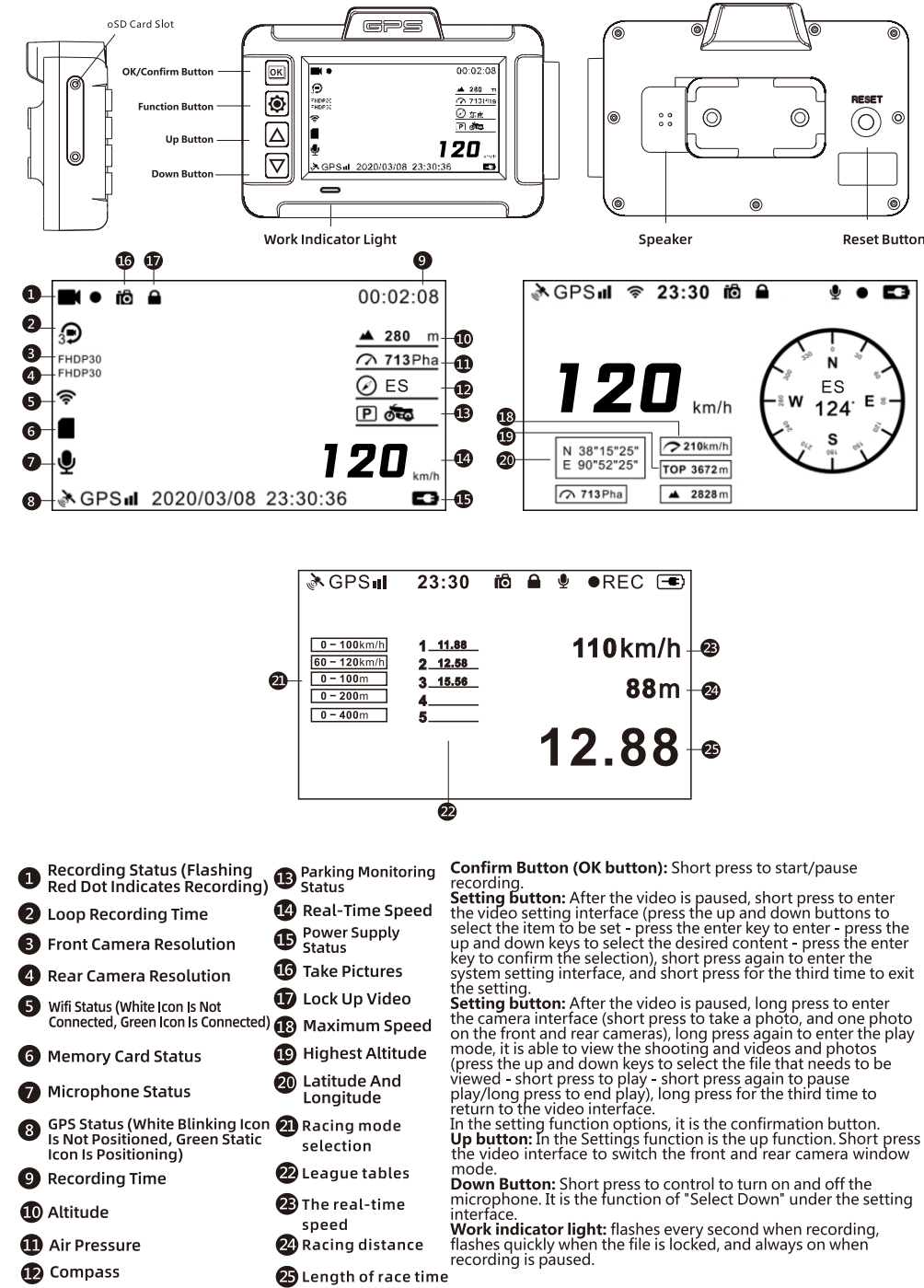

The installation guide

1 Memory card installation
1. Please insert the micro SD memory card into the card slot in the correct direction before use. Please install a micro SD memory card as required.
(It is recommended to use U3 and above specifications and at least 8GB)
Reminder: To screw the waterproof plug, you only need to twist the screw to a level with the edge of the waterproof plug. There is no need to twist it too deep!

micro SD

2 Recorder host bracket installation
The Xb702 host house can be used for the installation of handlebars of different sizes. Please select the installation place and adjust the angle before tightening the screws.

L. Angle Bracket

3 Controller installation
The Xb702 controller is matched with two metal brackets, which can be installed with the handlebars. Please select the installation place and adjust the angle before tightening the screws.

4 Camera installation
Rotate the camera left and right to adjust, so that the white point of the camera is centered upward and corresponds to the middle position of the bracket.

Multifunctional Bracket

Installation Combination Diagram

100cm · 60cm · 40cm · 230 cm · 30cm · 40cm · 200cm · 60 cm · 20 cm

1 Host
2 Connect to the front camera (blue connector)
3 Connect to the front camera (blue connector)
4 Front camera
5 Connect to the rear camera (black connector)
6 Connect to the rear camera (black connector)
7 Rear camera
8 Connect to the power adapter (red connector)
9 Power adapter
10 Fuse
11 Red B+ (positive power supply)
12 Black ground wire (negative power supply)
13 Yellow ACC power wire
14 Handlebar controller
15 USB power supply line (can be connected to mobile power supply or motorcycle with USB port for power supply, input voltage requirement: 5V2A)

The controller is installed on the handlebar
The host is installed on the handlebar
The power adapter is installed under the seat cushion
The front camera is installed on the front part of the car (as long as it does not affect the shooting)
The rear camera is installed in the rear part of the car (as long as it does not affect the shooting)

Tips: Please connect the ACC power cord to the motorcycle ACC line (it does not have to be pulled to the front node, it is ok to use line that which is, when turn on the key on the vehicle, it is power on, and when turn off the key, it is power off), and the recorder can be controlled by the motorcycle switch key to switch on and off.

Function Operation

oSD Card Slot
OK/Confirm Button
Function Button
Up Button
Down Button

Work Indicator Light
Speaker
Reset Button

1 Recording Status (Flashing Red Dot Indicates Recording)
2 Loop Recording Time
3 Front Camera Resolution
4 Rear Camera Resolution
5 Wifi Status (White Icon Is Not Connected, Green Icon Is Connected)
6 Memory Card Status
7 Microphone Status
8 GPS Status (White Blinking Icon Is Not Positioned, Green Static Icon Is Positioning)
9 Recording Time
10 Altitude
11 Air Pressure
12 Compass
13 Parking Monitoring Status
14 Real-Time Speed
15 Power Supply Status
16 Take Pictures
17 Lock Up Video
18 Maximum Speed
19 Highest Altitude
20 Latitude And Longitude
21 Racing mode selection
22 League tables
23 The real-time speed
24 Racing distance
25 Length of race time

Confirm Button (OK button): Short press to start/pause recording.
Setting Button: After the video is paused, short press to enter the video setting interface (press the up and down buttons to select the item to be set - press the enter key to enter - press the up and down keys to select the desired content - press the enter key to confirm the selection), short press again to enter the system setting interface, and short press for the third time to exit the setting.
Setting button: After the video is paused, long press to enter the camera interface (short press to take a photo, and one photo on the front and rear cameras), long press again to enter the play mode, it is able to view the shooting and videos and photos (press the up and down keys to select the file that needs to be viewed - short press to play - short press again to pause play/long press to end play), long press for the third time to return to the video interface.
In the setting function options, it is the confirmation button.
Up button: In the Settings function is the up function. Short press the video interface to switch the front and rear camera window mode.
Down Button: Short press to control to turn on and off the microphone. It is the function of "Select Down" under the setting interface.
Work indicator light: flashes every second when recording, flashes quickly when the file is locked, and always on when recording is paused.
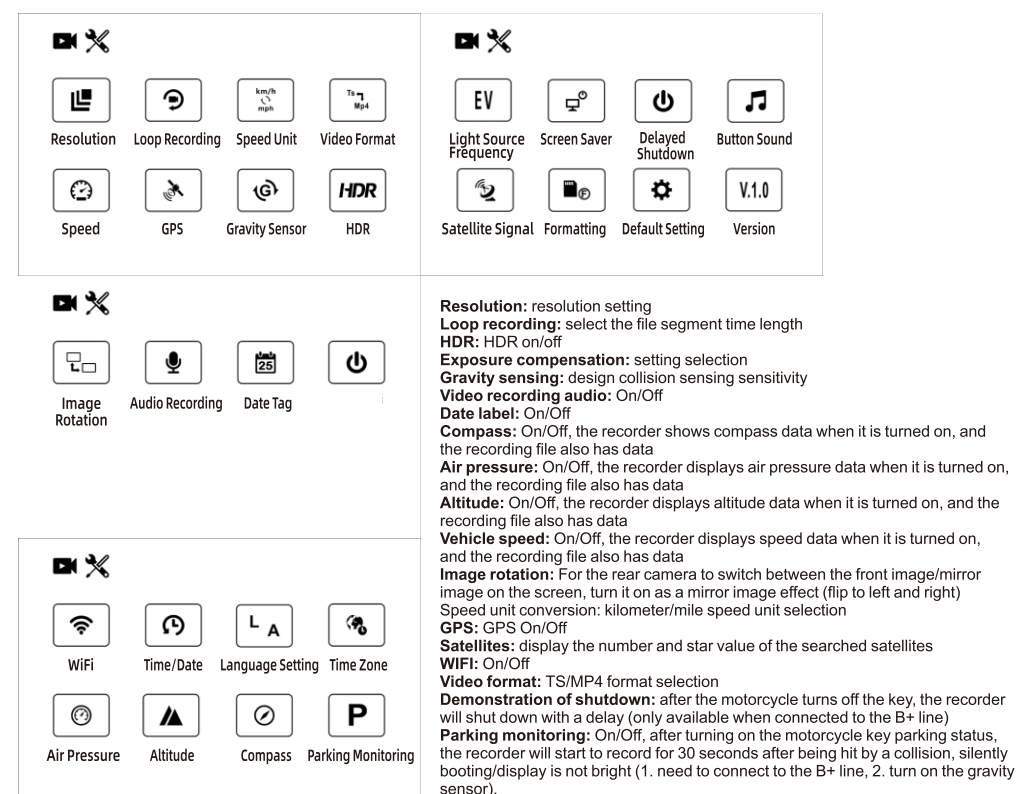

Controller Buttons and Operations

Connection mode between remote control and host:Long press the unlock button for 10 seconds, the indicator flashes slowly for three times and then quickly,after successful pairing, the recorder host will issue a "card wipe" sound.

Controller keys and operations

Photograph/display brightness adjustment button: press the button to take a picture (front and back cameras each take a picture).
Long press to adjust the brightness of the display screen (three levels of brightness adjustment)

Switch button:
1. Long press to switch data sheet interface and video display interface
2. Short press to switch the mode of front and back cameras.

Lock button:
Press to lock/unlock button to lock the file (in the recording state, short press the lock file device will preserve the file being recorded by the front and back cameras)
Working indicator light: the indicator light will be on when the key is operated.

Warm reminder: controller can be replaced Coin-cell battery, specification :CR2032,3V

Work indicator · switch button · Lock button · camera/display brightness adjustment button

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Menu Setting Interface

Resolution | Loop Recording | Speed Unit | Video Format
Speed | GPS | Gravity Sensor | HDR
Light Source Frequency | Screen Saver | Delayed Shutdown | Button Sound
Satellite Signal | Formatting | Default Setting | Version
Image Rotation | Audio Recording | Date Tag
WiFi | Time/Date | Language Setting | Time Zone
Air Pressure | Altitude | Compass | Parking Monitoring

Resolution: resolution setting
Loop recording: select the file segment time length
HDR: HDR on/off
Exposure compensation: setting selection
Gravity sensing: design collision sensing sensitivity
Video recording audio: On/Off
Date label: On/Off
Compass: On/Off, the recorder shows compass data when it is turned on, and the recording file also has data
Air pressure: On/Off, the recorder displays air pressure data when it is turned on, and the recording file also has data
Altitude: On/Off, the recorder displays altitude data when it is turned on, and the recording file also has data
Vehicle speed: On/Off, the recorder displays speed data when it is turned on, and the recording file also has data
Image rotation: For the rear camera to switch between the front image/mirror image on the screen, turn it on as a mirror image effect (flip to left and right)
Speed unit conversion: kilometer/mile speed unit selection
GPS: GPS On/Off
Satellites: display the number and star value of the searched satellites
WiFi: On/Off
Video format: TS/MP4 format selection
Demonstration of shutdown: after the motorcycle turns off the key, the recorder will shut down with a delay (only available when connected to the B+ line)
Parking monitoring: On/Off, after turning on the motorcycle key parking status, the recorder will start to record for 30 seconds after being hit by a collision, silently booting/display is not bright (1. need to connect to the B+ line, 2. turn on the gravity sensor).

APP Operation to Connect to Mobile Phone

1. Scan APP QR code on mobile phone or search XBHT in application market to download and install (suitable for both Android/IOS system)
2. The mobile phone searches for the wifi signal of the recorder, and the recorder signal will be found as: XB702_xxx, after selecting it, enter the password: 12345678 to connect
3. Open APP to complete the connection

GPS Track View

Mobile phone APP operation:

1 Click on the Recorder file to view the video file
2 Select the video file and click Play. Click "Download" to download the video file to the APP album
3 Watermark switch operates video display/turn off data watermarking
4 Click "Edit" to combine the watermark data with the video
5 Click "Save" to save the video directly to the phone album without watermark data
6 Click "Save Video" to save the video with watermark data to the phone album

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Common Problem Handling

Maximum support 256G memory card, in order to ensure the normal work of recording, please use a regular brand memory card. Must use a U3 high-speed card (with read speed above 100mb/s, write speed above 60mb/s. Do not pull out the memory card and cameras connection line!
1. If after the motorcycle turns on by key, the rear recorder does not turn on, please check whether the power supply line is normal.
2. If the cameras has no picture or a single camera has no picture, confirm whether the camera interface is inserted in place, and interchange the two cameras to test whether there is a problem with the cameras.
3. If there is a flickering screen or only one camera screen when using the USB cable for power supply, please check whether the connected USB power port has reached the output of 5V2A.

Hardware Specification Table

Model	XB702	Processor	Novatek NT96675
Camera	SONY IMX307	Camera resolution	1080P 30fps
Camera aperture	F 1.8	G-SENSOR	✓
Camera barefoot	150°	Microphone	✓
Camera lens	6G all glass camera + AR optical coating	Super capacitor	✓
Camera waterproof rating	IP67	Manual lock	✓
Display screen	3.0 IPS	Loop recording	✓
File/image	H.265：TS/MP4	Operating temperature	- 10° - 70°
Input voltage	5V 2.0A	Storage temperature	- 20° - 70°
GPS (route track)	✓	Operating Voltage	DC12 / 30V
Memory card	Support up to 256GB	Size/weight/material	104*66*30mm/200g/PC

⚠ WARNING

It is strictly forbidden to use a high-pressure water gun to flush the machine to avoid water ingress, the recorder failure caused by this reason is not within the scope of after-sales service!