

# User's Manual

## AKEEYO

### Intelligent Rear View Mirror Car Recorder

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AKY-X6



Thank you very much for purchasing our product.

Please read this manual carefully to install and use the product in the correct manner. After reading this manual, please keep it in a safe place along with warranty card and use it when necessary.

### AKY-X6 PC Player Activation Code



- About the dedicated PC player

(Please scan the QR code on page 34 to download).

Enter the activation code on the paper manual into the dedicated PC player.

After activation, you can use the dedicated PC player.

- One code can only activate one PC, cannot be used multiple times on other PCs.
- Please keep the instruction manual in a safe place.

If you forget/lost the activation code, please contact customer service.

# Notes Before Installation.

This manual is applicable to "AKY-X6-W" and "AKY-X6-N".

"AKY-X6-W" / "AKY-X6-N" difference: Use different standard rear camera.

- **AKY-X6-N Rear Camera: inside the car special (not waterproof)**



(Sold separately)

- **AKY-X6-W Rear camera: For both outside and inside the car (IP67 waterproof)**



(Sold separately)

**If you need to replace or purchase a rear camera, please contact customer service.**





# Catalog

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●Safety instructions.....	1-3
●Notes for use.....	4-6
●Product components list.....	7-8
●Name and function of each part.....	9-10
●About Micro SD Card.....	11-13
●About Auto Recording.....	13
●About power on/off.....	14-15
●About date setting.....	16
●About the LCD display.....	17
●About the cigarette lighter.....	18
●About installation.....	19-25
●Screen mode.....	26
●Screen mode·Function menu operation.....	27-28
●Screen mode·Camera display mode .....	29
●About LCD screen operation.....	30
●Recording Type.....	31-32
●Playback of recorded video.....	33-34
●About HUD mode.....	35
●Setting menu.....	36-39
●Troubleshooting.....	40
●Specifications.....	41
●About Warranty.....	42

# Safety instructions


For your safety, please be sure to comply with these safety instructions for prevent traffic accidents.

 <b>Caution</b>	Precautions that must be observed to avoid the risk of death or serious injury.
 <b>Pay attention</b>	Precautions to avoid the risk of minor injuries and property damage.
 <b>Prohibit</b>	Precautions that must never be done.
 <b>Enforce</b>	Precautions that must be compulsorily observed.




## Caution


Be sure to use fuses of the specified capacity and have them replaced by a professional.

-  Using a fuse with more than the specified capacity may cause fire, smoke, fire or malfunction. (Fuse 3A)


Do not install this product in a place that obstructs driving or visibility or poses a danger to occupants.

-  Installation in a place that obstructs driving, obstructs front and rear visibility, or poses a danger to occupants may result in a traffic accident or injury.


Never use the bolts or nuts of the car's safety parts when installing.

-  Using bolts and nuts from safety parts such as steering wheels and brakes can lead to accidents.


Drivers should not operate this product or watch the video inside this product while driving.

-  Watching the video while driving may result in a traffic accident. Please be sure to park your car in a safe place and use it with the handbrake off.

After installation and wiring, make sure that the electrical parts of the car are working normally.

-  If the electrical parts of the car (brakes, lights, horn, directional lights, etc.) are not working normally, it may lead to fire, electric shock or accidents.

When setting up the wiring, please make sure it will not interfere with driving or getting in and out of the car.

-  Please make sure all lines are secured together and do not wrap them around the pedals, steering wheel, etc. as this may lead to accidents or injuries.

# Safety instructions

Please check the position of the car pipeline, fuel tank, etc. before installing.

- ! When drilling holes in the body of the car for installation, please make sure that it will not interfere with or touch the pipes and fuel tanks. In addition, please prevent rust and water from entering the processing part. Otherwise, it may lead to fire, electric shock or accident.

Do not use the product if it is malfunctioning or abnormal.

- ⊘ If used in abnormal conditions such as smoke or odor, it may cause a fire.
  - Stop using immediately and contact customer service.

Small parts such as brackets should be placed out of the reach of children.

- ⊘ Otherwise, they may be accidentally swallowed. In case you think a child has swallowed it, please consult a doctor immediately.

Insulate the ends of unused wires.

- ! Insulate with tape to avoid contact between the uncoated part and the metal part of the car. Failure to do so may result in a short circuit and cause a fire or electric shock.

Follow the instructions for proper wiring and installation.

- ! If do not follow the instructions for proper wiring and installation, it may cause fire or accidents.

Suitable for cars with DC12V/24V negative terminal.


- ⚠ It is only suitable for cars with DC1 2V/24V negative terminal. It cannot be used for other cars. Otherwise, it may cause fire or malfunction.


Please do not disassemble or modify.

- ⊘ There is high voltage inside, private disassembly or modification may cause fire or electric shock.
  - Please consult with customer service for internal inspection and repair of the product.

Do not allow water or foreign objects to enter the inside of the unit.

- ! If metal or flammable objects get inside, not only will it malfunction, but it will also heat up due to short circuit or poor contact, which may cause fire, smoke, fire or electric shock.

Be sure to disconnect the negative battery terminal  during wiring and installation work.


- ! If wiring and installation work is performed with the negative battery terminal  connected, a short circuit may occur, resulting in electric shock or injury.

Please install or remove the wiring by professionals.


- ! Installation and wiring require professional knowledge and experience.

# Safety instructions


Do not use it for purposes other than in-vehicle use.

-  If it is used for purposes other than vehicles (such as recreational boats, outdoor doors, etc.), it may cause smoke, fire, electric shock, injury or malfunction.


Do not bite, pull or damage the wires.

-  Otherwise, it may cause fire or malfunction due to short circuit or broken wire.


Do not install in high temperature locations.

-  Direct sunlight or hot air/ wind from the heater may increase the internal temperature of the product, and may cause a fire or malfunction.


Do not install it in a place that is prone to vibration or instability.

-  If installed on a large curved surface, it may fall off while driving and could cause an accident or injury to a person.


Do not block the ventilation holes of the machine.

-  Otherwise, heat will stay inside the machine, which may cause a fire or malfunction.


Do not subject this product to strong shocks.

-  Dropping, hitting or otherwise impacting this product may result in malfunction or fire.


Be sure to use accessories and specified parts.

-  Use of parts other than those specified may cause damage to the interior of the equipment or may cause the equipment to become unstable and fall off, resulting in an accident, malfunction or fire.

Do not install in places where is water or moisture, dusty or greasy smoke.

-  If this product gets wet with water due to rain or car washing, if moisture/ dust/ grease fumes enter, it may cause smoke, fire, electric shock, or malfunction.

It is prohibited to touch this product during thunderstorm, it may cause electric shock.

-  Do not use it for any purpose other than in the vehicle. Do not touch the power adapter during a thunderstorm. It may cause electric shock.


# Notes for use

- We will not be responsible for any traffic accidents or violations that occur while using this product device. Please pay attention to safe driving.
- This product cannot guarantee to record video in all conditions.
- We are not responsible for any damage caused by damage to the recorded video and data.
- This product cannot be used as evidence in the event of an accident. We will not be responsible for any accidents, etc. that occur to the vehicle or its contents after this product is installed.




## Caution


Turn off the engine during installation.

-  Installation of this product must be done with the engine off. If installed when the don't engine is on, it may cause electric shock or malfunction.


Keep away from magnetic objects.

-  Do not place any magnetic objects near this product. This may cause product malfunction or damage.


Changes in video quality.

-  The video quality may deteriorate with sudden changes in brightness, backlighting or no light source at night, such as entering or leaving a tunnel.

Clean the windshield and the lens surface of this product.

-  Please pay attention to clean the windshield of the car and the lens surface of this product. Reflection or refraction caused by dust and foreign objects may hinder the clarity of the picture quality.

It may not be possible to distinguish the color of traffic signals.

-  When using LED traffic lights, the screen may flicker sometimes and the colors may not be discernible.

# Notes for use

## About idling stop car

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- In vehicles that are partially idling and stopped, the power to this unit may be turned off when the engine is restarted due to voltage fluctuations.
- Depending on the condition of the vehicle battery, the power of the unit may be turned off when the engine is restarted. In this case, please check the voltage of the vehicle battery.

## About recording

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- The company does not guarantee the product will serve as effective evidence in an accident.
- The company does not guarantee that the product can be recorded under all conditions.
- The company does not assume any responsibility for any damage caused by the malfunction of the use of the product.
- In order to prolong the operation of the machine, please do not drive dangerously, such as sudden braking.
- The subject recorded with this product may violate privacy. Please handle with care.
- When using the LED traffic light, the image may flicker and the color may not be recognized. We will not be held responsible for any damage caused by this.
- Do not operate the machine or look at the LED lights or display while driving.
- When switching the screen mode, adjusting the brightness, or taking pictures, check the safety of the surrounding area before operating.
- Be sure to park the vehicle in a safe place when setting up the operation.
- Videos recorded at night may appear noisy, or the video may turn red briefly. This is due to the performance of the camera, not a malfunction.
- The recording frame rate may change depending on the recording conditions.
- When the power is turned on, it takes some time to read the SD card before recording can begin.

## About camera lens

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- Because this camera uses a wide-angle lens, some parts of the video may be distorted or appear in shadow. It also differs from the actual angle of view. These are characteristics of wide-angle lenses and are not abnormal.



# Notes for use

## About installation

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- Follow the tutorial in this manual for installation.
- Please install it correctly to avoid violating the road traffic law and related laws and regulations.
- Do not overlap with the vehicle registration sticker when installing.
- When installing the product in your car, do not install it in a place that obstructs driving.
- Do not install it in a place that obstructs your view.
- Do not apply shock to the lens surface of this product and the display, as this may cause malfunction or injury.
- Using this product near other vehicle equipment, radios, TVs, etc., may be affected.
- Please install it in a position where it will not interfere with the vehicle sensors and collision avoidance system.
- Do not install in a position that interferes with safety devices such as seat belts and air cushions.
- The main unit is not waterproof. Be careful of getting this unit or the cigarette lighter adapter wet due to rain.
- Before installing the rear camera, be sure to wipe off any dirt on the glass surface and install it securely.
- Install it according to the shape and the position of the original mirror.
- When mounting to the original mirror, be sure to secure it with a fixing strap. Otherwise, it may fall off while driving.
- Be sure to wire it properly so that it does not interfere with driving.
- Please ensure that there is enough space for wiring. If each wire is pulled apart when wiring, there is a possibility of unstable operation due to broken wires or poor connections. It may even happen that the power does not turn on or suddenly turns off.
- Do not use anything other than accessories when installing.
- Please install within the wiping range of the wipers. Avoid the inability to record clearly when it rains.
- The product main unit and camera are precision instruments, so do not subject them to strong impacts. Otherwise, it may cause malfunction or damage.

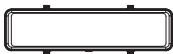
# Product components list

## Host and accessories

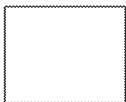
Before installing, be sure to check the following items in the package.

※ Drawings are for illustration purposes only. Actual conditions may vary.

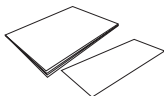
■ Host



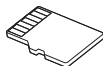
■ Cleaning cloths



■ Manual



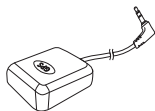
■ Micro SD Card



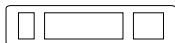
■ Cigarette lighter adapter (About 3.5M)



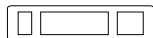
■ GPS (About 3M)



■ Mounting rubber band x 2 set



(Long type \* 2 pcs: 100mm \* 22mm)



(Normal type \* 2 pcs)

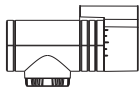
# Product components list

## Rear camera

The rear camera differs depending on the model of the product you order.

### ① Rear camera (Inside the car special)

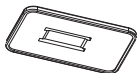
■ Camera



■ Power cable  
(about 10M)



■ Mounting bracket



### ② Rear camera (Universal inside and outside the car)

■ Camera



■ Power cable  
(about 10M)

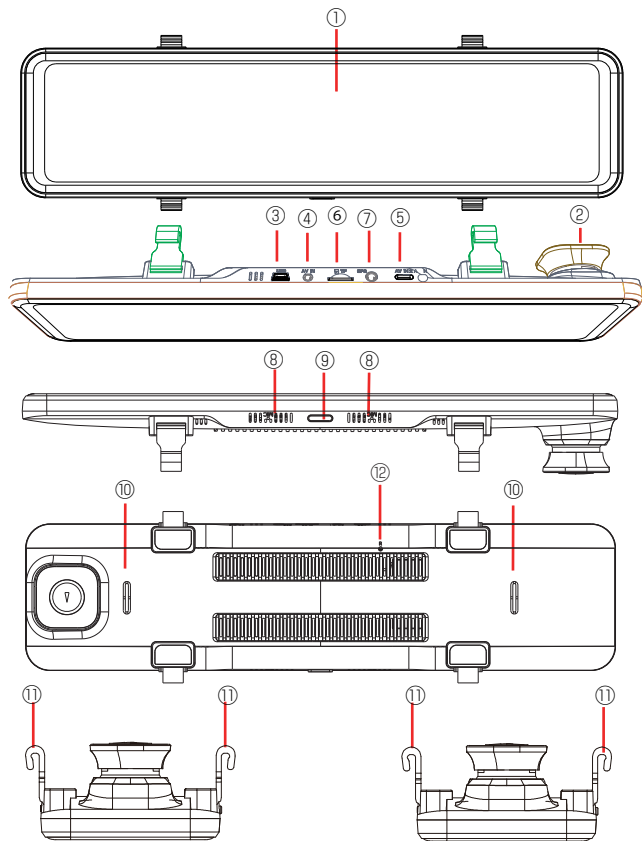


■ Mounting bracket



# Name and function of each part

Host



# Name and function of each part

## ① Liquid crystal display (mirror)

Note: Protective film is attached at the factory. Please tear off before use.

## ② Front camera

Note: Protective film is attached at the factory. Please tear off before use.

## ③ Power cable to the mini USB connect port

Please connect the attached cigarette lighter adapter.

## ④ Optional camera input terminal

As it is under development, there is no function for the time being.

## ⑤ Rear camera input terminal (AV IN 2 / Type-C)

Use the rear camera power cable to connect the host and the rear camera.

\* Do not connect/ disconnect when the power is on.

## ⑥ Micro SD card slot

Insert a microSD card.

\* Be careful not to insert or remove it forcibly.

## ⑦ GPS connection port

## ⑧ Microphone

Record the surrounding sounds.

## ⑨ Power button

Control the screen by turning on/ off the power button (show/ hide the screen).

<When the power is turned on>

·Short press: screen on/off.

· Press and hold for about 3 seconds: the power turns off.

<When the power is off>

·Short press: The power is turned on.

## ⑩ Speaker

## ⑪ Fixed handrail

## ⑫ Reset button

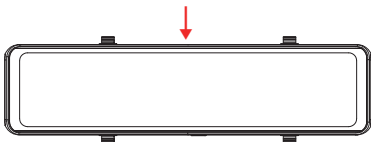
If the machine stops working or enters a bad running state, please press the reset button.

# About Micro SD card

## Insert and remove micro SD card

1. Pay attention to the orientation of the microSD card and insert it into the slot.

<When viewed from the front of the main unit>

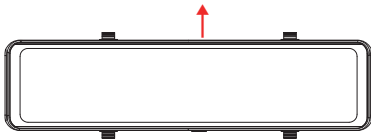


2. Make sure that the microSD card is inserted into the slot.

\* Until hear a click.

3. When removing the microSD card, gently push the microSD card and the microSD card will pop out.

<When viewed from the front of the main unit>



### Caution

- When inserting the microSD card, please check the orientation first.
- If another brand of microSD card is used, it may not be recorded correctly.
- Be careful not to lose the microSD card when it is ejected.
- In the event of an accident, please remove the microSD card to avoid damaging the recorded video data.
- Do not insert or remove the micro SD card while the power is on, it may damage the data or cause the device to malfunction.

# About Micro SD card

## Compatible micro SD card

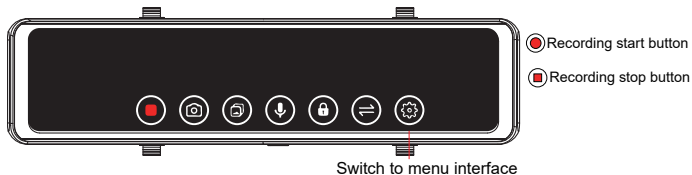
- Support 8 to 128GB (Class 10 and above) micro SD card.
- Even if the UHS-I standard card is interchangeable with Class 10, it may not be usable.
- Not compatible with UHS-II and U3 standard cards.
- Depending on the manufacturer and production batch, commercially available micro SD cards may not be recognized.

## Micro SD card format

Please format (initialize) the microSD card before using this product.

The formatting procedure is as follows.

1. Make sure that the included microSD card is inserted.
2. Turn on the car engine (ACC ON) or operate the power button of the machine to start the host.
3. Recording will start automatically after power on, please touch the screen and function keys  
Touch "⚙️" to enter the menu interface.




- ※ When the automatic recording mode is turned on, if you do not operate within 30 seconds after you stop recording, the unit will run automatically.  
Return to recording mode. Notice. Please refer to page 13 for the "Auto Recording" setting.
  - ※ Unless the screen mode is switched to the camera screen, the function buttons will not be displayed.
4. Select Format from the menu and then format the SD card.

# About Micro SD card

## Caution

- The formatting operation can only be performed when the vehicle is stopped.
- Be careful not to turn off the power of this unit during formatting.
- Formatting will delete all data on the microSD card. Please copy important data to your computer and save it.
- It can be formatted using a computer.
- The micro SD card is a consumable, and it is recommended to replace it with a new card regularly.
- We do not provide services such as repairing damaged or lost data.
- Any malfunction or damage caused by the use of a micro SD card. The company does not assume all responsibilities.

## About auto recording

1. Tap the recording mode screen, tap " " in the function key to enter the menu.  
Select "Settings".
  2. Select "Auto Record".
    - ※ For automatic recording, the default setting of this unit is "On".
    - ※ When the automatic recording is turned on
- ① After manually stopping recording, if there is no operation for more than 30 seconds, automatic recording will resume.
- ② In the setting menu, if there is no operation for 30 seconds or more, automatic recording will start.
- ③ In playback mode, if there is no operation for 30 seconds or more, automatic recording will start.
- However, if the video is playing, you cannot switch to automatic recording.
- If the video is paused and auto-recording is "on", and there is no operation for 30 seconds or more, the auto-recording will start.
- If automatic recording is in the "off" state, you cannot switch to automatic recording.
- ※ Regardless of the "On" or "Off" setting of automatic recording, automatic recording will start every time you return to the recording mode from the menu interface.



# About power on/ off

## Power on

### <Engine Interlock>

- When the engine is turned on (ACC on) with the car cigarette lighter power adapter connected, the power will automatically turn on.

Automatically open and display the screen.

### <Manual operation>

- Long press the power button to turn off the power when starting up.

Or, switch to the menu interface and touch "Shutdown" to turn off the power.

When you press the power button again, the power of the machine will be turned on and the startup screen will be displayed.

※ This operation is only valid when the power is turned on (ACC is turned on) and the power is turned off using the power button.



## Power off

### <Engine interlock (when connected to the car cigarette lighter power adapter)>

According to the setting of the parking monitoring, the operation when the engine is stopped is different, please pay attention.

- If you press and hold the power button while the power is on, the power of the unit will turn off.

※ This operation is only valid when the power is turned on (ACC is turned on) and the power is turned off using the power button.

# About power on/ off

## Caution

### <About the engine interlock function>

- This product is equipped with engine interlock function, when the car engine starts, the power of host will be automatically turned on. When the car engine is turned off, the host will automatically turn off the power.
  - ※ Depending on the car model, the engine may not be connected to the power of this product due to the influence of the vehicle system.
- If the parking monitoring function is set to "on", turning off the car engine will put it into the parking monitoring mode.
- According to the battery voltage and wiring layout of the installed vehicle, when the car engine is started, if the host cannot start together with the engine. In this case, press the power button to turn on.
- This product has a built-in super capacitor, which has excellent charge-discharge cycle characteristics. Compared with the lithium battery type, it has the characteristics of stable operation, extreme heat resistance, cold resistance, and high durability, which prolongs the service life of the product.
  - ※ No need to worry about leakage or explosion even in high temperature environments such as midsummer.

### <About idle stop>

- When using this product at idling stop, depending on the vehicle battery voltage, the power of this product may be automatically turned off when the engine is started (please check the battery and wiring)
  - ※ In this case, please press and hold the power button to turn it on again.

### <When to turn off/on the power>

- After the host power is turned off, the internal memory protection circuit is activated, so it may not be possible to turn on the machine immediately after it is turned off. It is recommended to wait at least 8 to 10 seconds before turning on.

# About date setting

Please set the date before using. The setting procedure is as follows.

1. Connect the power cable and turn on the power.
2. After power on, it will start recording automatically, please touch the screen and function button. Then touch the [ ] button to enter the menu.

※ The function buttons will not be shown until switch to recording mode.



Switch to menu

3. Tap "System Settings" in the menu interface to enter the settings. Select "Date Settings".

※ Can switch setting items by sliding the screen up and down.



4. Enter the date setting screen.

Use the [↑] and [↓] buttons to settings. Touch [←] [→] to move the left and right items.

Touch [✓] to return to the previous step after setting the number of seconds.

5. Press the [↵] button to return to the recording mode. Check the date and time displayed on the LCD screen.

## Caution

- The date and time settings on this product have an error of about 30 seconds per month. Customers are recommended to adjust the date and time once a month.
- The date and time will be synchronized when the GPS is connected.

# About the LCD display

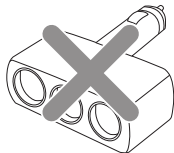
- If the same video is displayed for a long time or repeatedly, the screen may be burned. The occurrence of screen burn-in can be reduced by adjusting the brightness of the monitor.
- The LCD monitor has 99.99% or more effective pixels, but there may be some pixels that do not light up or that light up continuously. Please note that these are not malfunctions.
- When polarized sunglasses are used, the display may not be visible.
- When the environmental temperature of the LCD is  $-10^{\circ}\text{C}$  or less and  $60^{\circ}\text{C}$  or more, the screen may become dark and the image display may be delayed. This is a characteristic of the LCD and is not a malfunction. It will return to normal when the environmental temperature reach the monitor works stably.
- If the host temperature is too high or too low, the display quality may be distorted. When the host returns to normal temperature, it will be displayed normally.
- The LCD screen may be difficult to see if light such as sunlight or light is directly in or reflected from the camera's field of view.
- The recorded video may differ from the actual color at night or in a dark environment without a light source.
- For cars with a roof, the sun visor must be closed to reduce the reflection on the screen.
- The size and distance of objects may look different and your eyes may feel fatigued because the field of view presentation is different from that of a normal mirror.
- The field of view rendering of this camera's rear view mirror is different from that of a normal mirror.
- Noise may occur in recording when there is a sudden change in brightness, which is a characteristic of the lens and not a malfunction.
- The following phenomenon may occur in dark places such as at night, but this is not a malfunction.
  - The image color and the actual color do not look the same
  - Depending on the height of the location of the rear car, white color and blurring appear around the rear car.
  - Special flickering appears by automatically adjusting the image
    - ※ If the image is difficult to see or flickers, switch to the rear view mirror mode.
- The host may be hot, but this is not a malfunction.
- The image on the display may take some time to focus clearly. If you find it difficult to focus, please switch to mirror mode.
- Passengers may get seasick if they stare at the monitor.
- The picture presented on the LCD monitor may be different from the actual scenery you see.
- The screen shown on the LCD monitor may not display smoothly.
- Clean the monitor surface with a cleaning cloth.

## About the cigarette lighter

- Connect the supplied cigarette lighter adapter to the cigarette lighter socket of your vehicle.
- Do not connect to an adapter with a cigarette lighter socket.  
Otherwise, it will not operate properly because the power supply to the main unit is insufficient. It will cause the recording screen to flicker, or fire or malfunction.
- Not using the camera for a long time  
Please disconnect the cigarette lighter adapter, otherwise it may cause a fire or battery failure.

### Cautions before use

-  **The cigarette lighter power adapter must be used independently.**



Connect the supplied cigarette lighter power adapter directly to the vehicle's cigarette lighter socket.

Do not connect it incorrectly, as this may cause abnormal heating.

The main unit power supply may become unstable due to insufficient power supply and the screen may flicker.

**The current consumption of this product will be 3A.**

# About installation

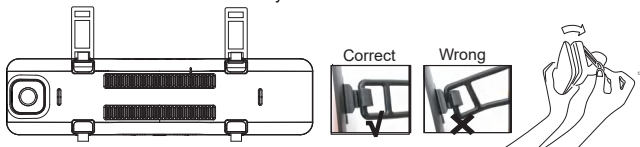
## How to install the host

Use the fixing arm and fixing strap to fix this unit to the original rearview mirror of the car.

- ※ Make sure to support the original rearview mirror when attaching, otherwise a strong load will be placed on it.
- ※ Please use the fixing strap to fix it, otherwise it may fall off.
- ※ Do not pull the fixing arm with excessive force when installing.

### 〈Installation steps〉

1. Hang one side of the fixing arm on the top of the original mirror and insert it into the original mirror while adjusting the position of the main unit.
2. Install the other side in the same way and adjust the position of the main unit.
3. After inserting the original rearview mirror, hang it on the hook of the fixing arm.
4. Slide the front camera lens according to the installation of the rear view mirror.
  - ※ Please peel off the front camera protective film. Adjust the camera lens to the same angle as the driving direction of the car.
5. Please check if the main unit is firmly mounted.

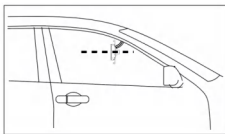
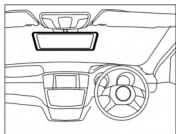


## Front camera angle adjustment

1. The angle of the front camera can be adjusted by moving the lens (up, down, left, and right, about 5°).
  2. Rotate in a circular motion to adjust the viewing angle.
- ※ Do not touch the lens part.



## Host installation image

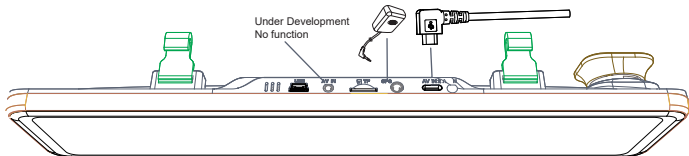


# About installation

## Camera installation

The AKY-X6 series depends on the product model you purchased.  
The camera configuration is different. The installation method is also different.

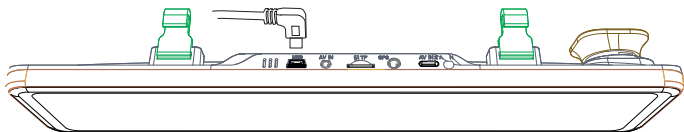
### Connect the GPS and camera cable to the host.



- Connect the main unit and various cables.
- Please note that there are different plugs for different types of cables.  
※ Please check the plug shape before connecting.

### Connect the power cable

After confirming that the engine is turned off, connect the supplied cigarette lighter adapter to the power terminal of the product.



### ⚠ Caution

- ※ Due to different vehicle models, the designated location may not be determined. Please select the installation location according to the actual situation.
- ※ Please confirm the proper position during installation to avoid being easily reflected by sunlight or light.
- ※ When installing the rear camera, please make sure that the image on the LCD screen of this product is not upside down.

# About installation



## Caution

- Please make sure that this product is firmly installed on the original rearview mirror before use.
- When installing, please support the rear-view mirror to avoid excessive load on the rear-view mirror.
- The field of view of this product is different from that of the original rear-view mirror, and the distance and size may be different from the actual scenery.
- Since this product is directly installed on the original rear-view mirror, the rear-view mirror may tilt due to the vibration of this product.
- When driving, the driver must not adjust or operate this product.
- Please install it in a place that does not obstruct the driver's sight.
- Please make sure that this product does not block the original rear-view mirror, otherwise an accident may occur because the car behind cannot be seen.
- When installing, do not press hard on the mirror part and frame of this product.
- When installing, the camera should be pointed at the direction of the vehicle.
- When adjusting the angle, please adjust it together with the original rearview mirror.
- The body may fade due to the influence of ultraviolet rays.
- Please ensure that the functions of various sensor devices, anti-collision systems, airbags, ETC, etc. are not affected during installation.
- If the original rearview mirror support is very fragile, please use the rubber part to fix it during installation.
- We are not responsible for any accidents, failures or damages caused by non-compliance with the above warnings or precautions, misuse, disassembly or modification.



# About installation

## Cigarette lighter power adapter connection



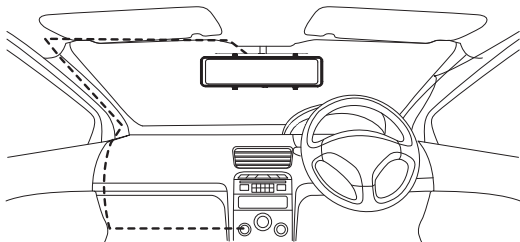
### Caution

- Be sure to use the cigarette lighter power adapter included in the accessories.
- If you use a cigarette lighter power adapter other than the accessory, it may damage the product or the vehicle. Even if it can be used, it may affect the recording or the screen may flicker due to unstable voltage.
- After the engine is turned on, the power terminal is at a high temperature. If you connect the cigarette lighter power adapter directly, the front end may fuse or short-circuit, so please wait for a while and connect the cigarette lighter power adapter in a cool state.
- Do not obstruct the driver's sight or driving when wiring (use cable ties if necessary).
- If you do not use this product for a long time, please unplug the cigarette lighter power adapter. Otherwise, it may cause a fire or battery failure.
- Be sure to disconnect the cigar power adapter when the engine is stopped to protect the battery.

1. Plug the accessory cigarette lighter power adapter into the vehicle's cigarette lighter socket.

※The engine must be turned off at this time.

(Connecting with the engine on may result in damage or malfunction)



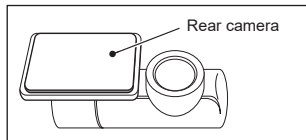
Unplug the cigarette lighter power adapter

# About installation

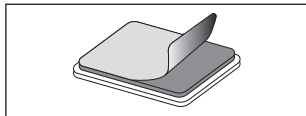
## Rear Camera Installation (inside the car special)

<Installation steps>

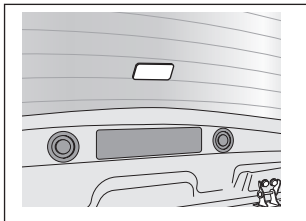
1. Make sure the mounting position of the rear camera and install the bracket to the rear glass.
  - ※ Make sure to wipe off any oil and dirt from the glass, dry it and then firmly adhere it to the rear glass with double-sided tape.
  - ※ It is recommended to leave it for 24 hours after installation to enhance the bonding strength.



The rear camera bracket can be removed by sliding it off the body.

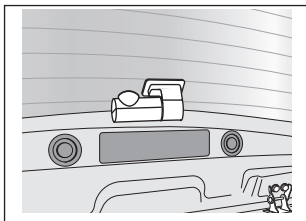


Remove the adhesive sheet.

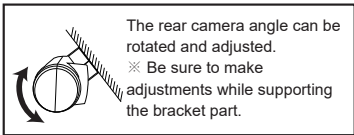


Firmly affixed to the rear windshield.

2. Install the rear camera on the bracket.



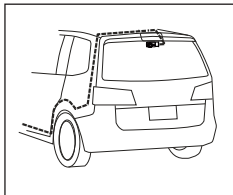
Slide the rear camera into the bracket and mount it.



# About installation

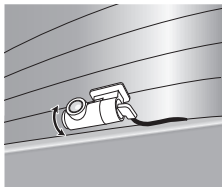
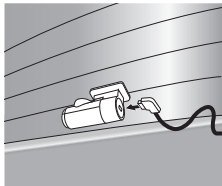
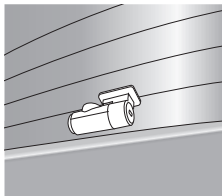
## Rear Camera Installation (inside the car special)

3. Lay the rear camera cable to the rear window.



As shown on the left, but depending on the model, it may be necessary to run the rear camera cable through the upper part of the car (inside the roof, lining, etc.).

4. Connect the rear camera cable to the terminals on the body.



You can attach it to the top of the rear window and adjust the angle to record the best image.

※ Please adjust the camera angle while supporting the camera body (if you turn it directly, the camera may fall off the bracket).

# About installation

## Rear Camera Installation (Universal inside and outside the car)

This rear camera is waterproof, so it can be installed inside or outside the car.

### 〈Installation Location〉

Top of the license plate



### 〈Outside the car installation〉

1. Take out the rear camera bracket.
2. Secure the camera to the top center of the license plate with the attachment screws.

(Figure 1)

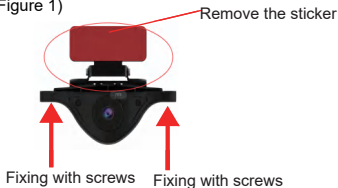
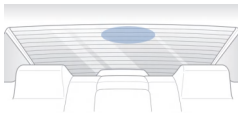


Figure 1

Completed installation image



Rear windshield inside the car



### 〈Inside the car installation〉

1. Install the rear camera bracket.
2. Peel off the protective sticker and stick it on the rear glass. (Figure 2)

Double-sided glue



Figure 2

Completed installation image



# Screen mode

## Screen mode

This machine can be switched between the following two modes.

### <Camera mode>

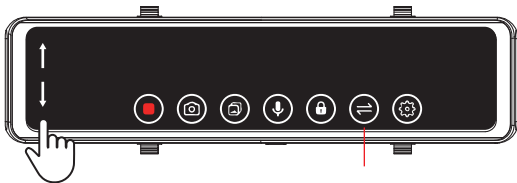
- Images from each camera can be displayed simultaneously on the LCD screen. Switch to a different display mode by operation.

### <Mirror mode>

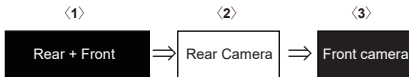
- Close the LCD screen (used as a rear view mirror).
  - In the recording mode, press the power button briefly to turn off the LCD screen. (Recording is still continuing.)
  - If the screen saver is set to "1 minute" or "3 minutes", the LCD screen will turn off automatically according to the set time.

## Switch screen display

In the recording mode, you can switch the display mode by touching the "Camera Switch" button on the screen.



- In the recording mode, the camera image display mode can be switched between Back + Front, Back, and Front.
- You can adjust the camera angle by sliding the screen up and down.



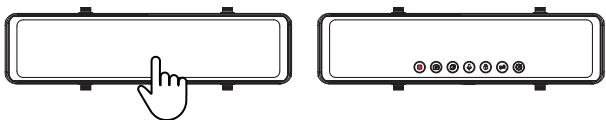
### Caution

When the camera is turned on again, the camera display mode will be the same as the setting before it was turned off.

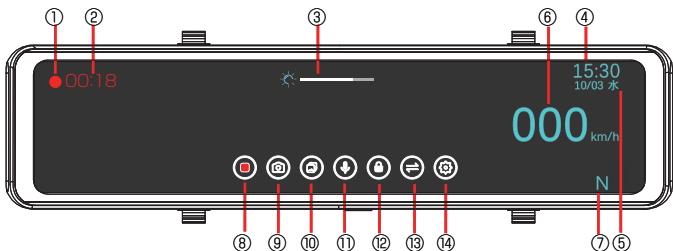
# Screen mode·Function menu operation

## How to display the function menu

- Touch the LCD screen while in recording mode to display the function menu.
- It will be displayed for about 10 seconds at a time, and then disappears automatically.



## The function of each function menu



### ① Recording Icon

The red icon flashes during recording. The icon turns yellow during emergency recording.

※ If recording is stopped, the icon is not displayed.

### ② Recording time

The length of recording is displayed.

### ③ Screen brightness adjustment

※ You can adjust the screen brightness by dragging the screen to the left or to the right.

### ④ Date and time display

### ⑤ Day of the week display

### ⑥ Vehicle speed display








※ If the GPS reception is successful, you can switch the speed display/not display from HUD mode setting, and also switch the speed unit.

### ⑦ Direction display

※ If GPS reception is successful, you can switch the direction display/non-display from HUD mode setting

# Screen mode·Function menu operation

## The function of each function menu

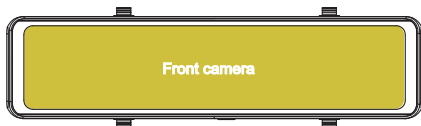
- ⑧ Record button   
Start / stop recording   
Recording: stop recording  
When recording stops: recording starts
- ⑨ Take picture button  
One front camera image, one rear camera image, and one side camera image are saved.  
Recording will not be interrupted if a picture is taken during recording.
- ⑩ Playback Mode  
Touch the "Playback Mode" icon on the menu screen to enter.
- ⑪ Microphone  
: on      : off
- ⑫ Emergency recording : Normal recording in progress : Emergency recording in progress  
During normal recording, if a crash is detected, it will automatically go to emergency recording.  
Emergency recording needs manual operation to stop.
- ⑬ Camera switch button  
Switch between rear camera and front camera display.
- ⑭ Menu button  
 Touch to enter the menu interface.

# Screen mode · Camera display mode

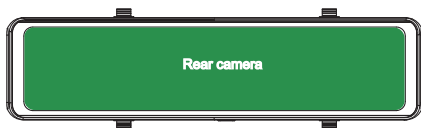
- In recording mode, there are 3 screen display modes.



- ① Front camera + Rear camera  
The screens of the two cameras are displayed at the same time.



- ② Only front camera  
Display in full screen.



- ③ Only rear camera  
Display in full screen.

**⚠ Caution**

When the power is turned on, the settings that were made before the last power off are retained.

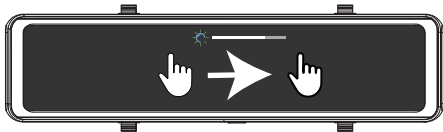


# About LCD screen operation

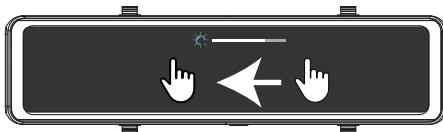
## Screen brightness adjustment

You can adjust the brightness of the screen by dragging the LCD screen left or right.

- Drag from the left side of the screen to the right side to increase the screen brightness.



- Drag from the right side of the screen to the left side to reduce the screen brightness.

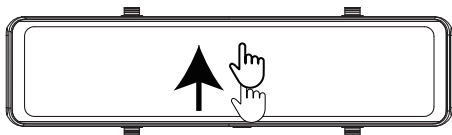


※ Please note that the LCD screen may burn out if the brightness is always set to the maximum value.

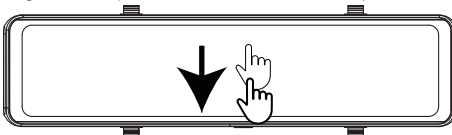
## Screen display adjustment

You can adjust the viewing angle of the camera image by dragging the LCD screen up and down.

- Drag from the bottom of the screen toward the staple to flip the camera screen down.

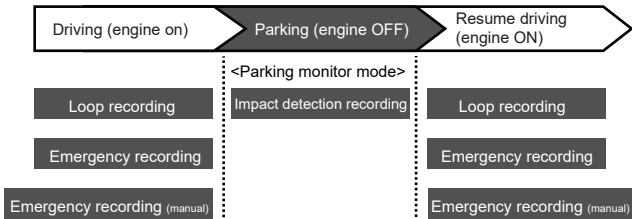


- Drag from the top to the bottom of the screen to flip the camera screen up.



# Recorder type

## Type of recording



## Loop recording

- Non-stop recording from engine start (ACC ON) to engine stop (ACC OFF).
- Video is saved in 1 minute/ 3 minutes/ 5 minutes units depending on the setting.
- The oldest file will be overwritten automatically when the card capacity is reached.

1 file    1 file    1 file    1 file    1 file    Recording continues ...

## Emergency recording

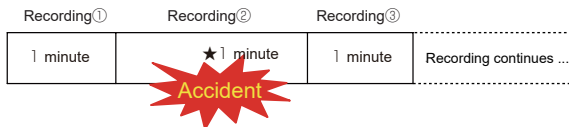
### ① Emergency recording (Impact detection recording)

- During continuous recording, if the G sensor detects an impact, emergency recording will start automatically.
- The recorded video file is locked.
- ※ If the G-sensor sensitivity is set to off, shocks are not detected and automatically recorded.

### ② Emergency recording (manual)

- In Loop Recording, press the Emergency Recording button [⏏] to start emergency recording.
- In Emergency Recording, press the Emergency Recording button again to cancel Emergency Recording and return to Loop Recording.
- ※ The video files recorded by the collision detection video and manual emergency video are saved in the [Event] folder of the Micro SD card.

### ③ About emergency recording files



# Recorder type

## Emergency recording

If the G sensor detects an impact while recording a video, the video file being recorded will be saved in the [Event] folder. Since the video files of the front camera and the rear camera are saved at the same time, a total of 2 video files are saved.



### Caution:

- Since the video files of the front camera and the rear camera are saved at the same time, a total of 2 video files are saved.
- If you set "emergency overwrite", when the [Event] video file memory is full, it will automatically overwrite.
- If "Emergency Overwrite" is set to off, if the memory of the [Event] recording file is full, the card capacity may become full and recording cannot be performed. Please format the micro SD card regularly.
- It is recommended to set the loop recording time to 1 minute.

# Playback of recorded video

## Playback on this machine

Touch the "Playback Mode" icon on the menu interface to enter the playback.



### ① Continuous recording

The files shot by loop recording (continuous recording) are displayed.

### ② Emergency recording

Display the files by emergency video recording.

### ③ Photos

Display the files from which the still image was taken.

### ④ Camera switching

Switch the video files of the front camera and rear camera.

Front camera:  Rear camera: 

### ⑤ Return

Return to normal recording.

### ⑥ Delete

Delete Files.

### ⑦ Lock

Lock the recorded file.

# Playback of recorded video

## Playback on this PC

- Connect the micro SD card to the PC

Make sure the engine is turned off, then remove the micro SD card and use a card reader to connect to your PC. The recorded file will be displayed.

- Explanation of video file name

20201112141827\_000082CH2.MP4

file name

Recording date

Recording time

Extension

※ Photo file extension is 「JPG」

※ Emergency video file is "EMER"

Normal video file is "FILE"

Parking video file is "PARK"

Photo file is "IMG"

Camera display

CH1 = front camera file

CH2 = rear camera file

## About PC player

- A dedicated application can be used to display and play recorded videos on the PC.
- Download the dedicated PC player software and open all permissions.
- If you use other playback, there may be no sound.

Please download from the link below.

[<https://dvplayer.net/setup.html>]

QR code



Please see the detailed description of the dedicated player from the link below.

[<http://bitly.ws/aHjw>]

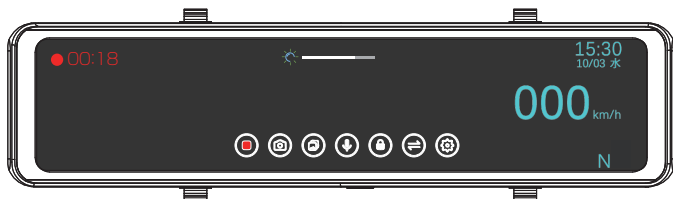
QR code



# About HUD mode

- The HUD mode can be displayed by connecting to a GPS device.

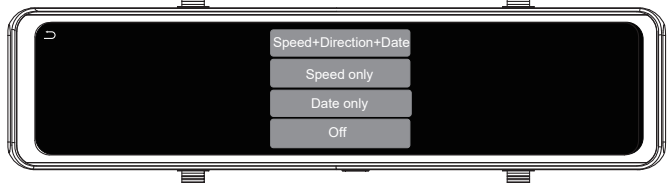
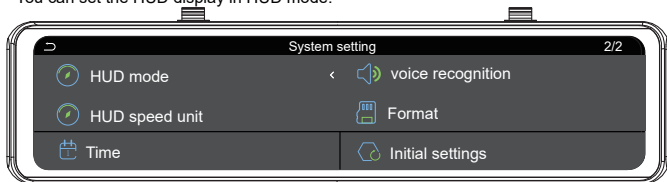
It's like the speed, direction, date and other information appearing in the front of the field of vision.



- HUD mode setting

- ① Tap the [Settings] icon to switch to the menu interface.
- ② Touch the [Settings] icon to display the setting functions.

You can set the HUD display in HUD mode.



※ If the speed display is 「---」, it means the GPS cannot receive the signal and the positioning fails.

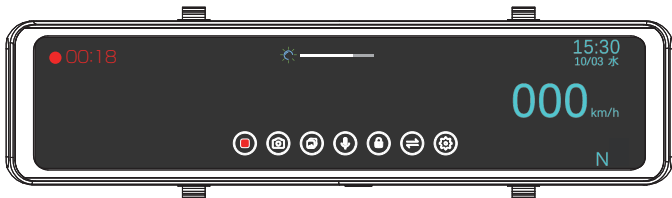
When the speed is from 1 km/h~119 km/h, the speed display is light blue.

When the speed exceeds 120 km/h, the speed indicator will change to orange.

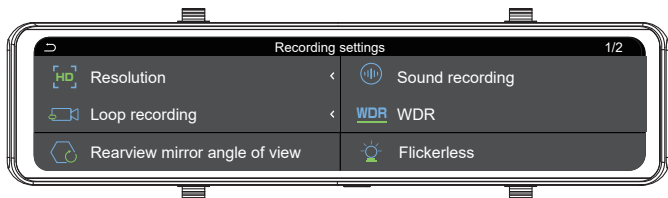
Please note!

# Setting menu

Touch the  icon to display the menu interface.



## About recording settings:



- Resolution

Front camera can choose 2560\*1440 30fps and 1920\*1080 55fps.  
Rear camera is fixed at 1920 \* 1080 60fps.

- Loop Recording

Loop recording time for each file is 1/3/5 minutes.

- Sound Recording

On/off can be selected.

- WDR

On/Off can be selected.

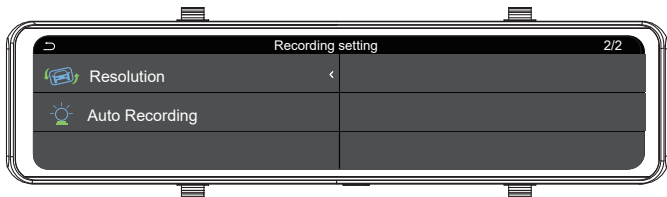
- Rear Camera

You can select between mirror image and positive image.

- Flicker-free

Prevents flickering of the LED signal during recording, etc.

# Setting menu



- G sensor sensitivity

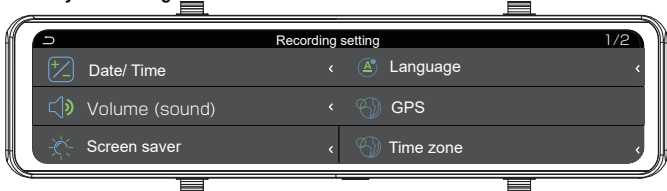
Set the sensitivity of impact detection (off/high/medium/low).

※ If set to [Off], G sensor will not start.

- Automatic recording

When the [Auto Recording] item is set to ON, automatic recording will start after about 30 seconds of inactivity.

## About system settings:



- Date setting

Use the [↑] [↓] buttons to make settings. Touch [←] [→] to move the cursor to the left and right.

Touch [√] to return to the previous screen after setting the number of seconds.

- Language setting

Set the display language of the camera.

- Volume: Adjusts the volume.

- GPS: Set GPS on/off.

- Screen Saver

Select the screen saver setting time from [Off/1 min/3 min].

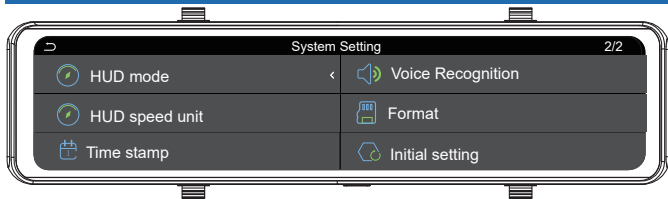
\* When [Off] is set, the display will always be lit.

\* Recording will continue when the LCD is automatically turned off by the screen saver function.

- Time zoneSet the time zone.



# Setting menu



- HUD mode

Displays HUD mode items when GPS is connected.

Displays information such as vehicle speed, direction and date.

- HUD speed unit

Speed display can be set to km/h or mph.

- Voice recognition (under development, no function at the moment)

- Format

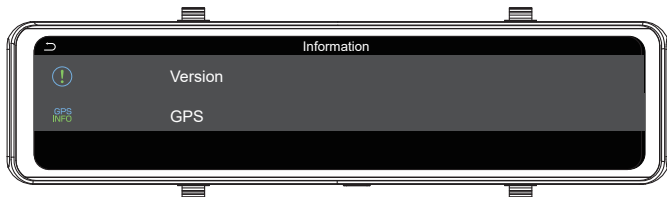
Format the SD card.

- Time Stamp

Turn on or off Time Stamp.

- Initial Settings

All settings will be restored to factory defaults.



- Version

Displays the software version of the unit.

- GPS

You can get satellite, speed, direction, time, longitude and latitude information.

# Setting menu

## Setting menu · initial setting

- ① Loop recording: 1 (★)/ 3/ 5 minutes optional
- ② Recording: On (★)/ Off
- ③ Resolution: QHD P30/ FHD P55 (★)
- ④ WDR: On (★)/ Off
- ⑤ Rearview mirror: On (★)/ Off
- ⑥ Flickerless: 50HZ (★)/ 60HZ
- ⑦ G-Sensor induction sensitivity: Off/ High/ Medium (★)/ Low
- ⑧ Automatic recording: On (★)/ Off
- ⑨ Date/Time
- ⑩ Language: Japanese (★)/ English/ Chinese/ French/ Spanish/ Portuguese/ German/ Italian
- ⑪ Volume: Off/ High/ Medium (★)/ Low
- ⑫ GPS: On (★)/Off
- ⑬ HUD speed unit: km/h(★)/ mph
- ⑭ Screen saver: Off (★)/ 1 minute/ 3 minutes
- ⑮ Time zone
- ⑯ HUD mode
- ⑰ Voice recognition: On (★)/ Off
- ⑱ Format
- ⑲ Time stamp: On (★)/ Off
- ⑳ Initial setting

- The items marked with (★) are the factory default values. All products will be restored to factory settings when they are shipped.
- If the product is changed, performance and function improvement will not be notified otherwise.
- Please download the updated firmware from our website.

<https://www.akeeyo.co.jp/pages/support>

# Troubleshooting

If you encounter any problems during use, please try the following items first. If you cannot solve the problem, please contact customer service.

Problem	Solve
Host does not turn on	<ul style="list-style-type: none"><li>● Make sure the power connection is normal.</li><li>● Try to remove the microSD card.</li><li>● Press the reset button to restore factory settings.</li></ul>
Malfunction	<ul style="list-style-type: none"><li>● Press the reset button to reset the unit.</li></ul>
Unrecognized microSD card	<ul style="list-style-type: none"><li>● Make sure the card is installed correctly.</li><li>● Use a card reader to format on the PC side.</li><li>● Please replace with a new card.</li></ul>
Can't record	<ul style="list-style-type: none"><li>● Make sure the camera settings are correct.</li><li>● Make sure there is enough free space on the card.</li><li>● Press the reset button to reset the unit.</li></ul>
Rear camera can not be display	<ul style="list-style-type: none"><li>● Make sure that the wiring of the rear camera is correct.</li><li>● Check whether the rear camera cable is damaged.</li><li>● Restart.</li></ul>
Cannot constant recording.	<ul style="list-style-type: none"><li>● Make sure there is enough memory.</li><li>● Switch to recording mode and press the OK button.</li></ul>
Can't record	<ul style="list-style-type: none"><li>● Check the SD card is installed correctly and available space, or whether the camera wiring is faulty.</li></ul>
Display does not show	<ul style="list-style-type: none"><li>● Camera or power display is unstable, connecting again.</li><li>● Try to remove the microSD card.</li><li>● Press the reset button to reset the unit.</li></ul>
Can not record audio	<ul style="list-style-type: none"><li>● Check the radio environment of the microphone. check that the [Recording] item setting on the screen is "On".</li></ul>
Slow video playback, can't play smoothly	<ul style="list-style-type: none"><li>● Copy the video file to your PC before playing.</li><li>● Please update the latest version of Windows Media Player on your Windows 7 / 8.1 / 10 PC before playing.</li><li>● We do not guarantee that it will play on all players.</li></ul>

# Specifications

Model	AKY-X6
Name	Intelligent rearview mirror driving recorder
Micro SD	Micro SD 8-128GB (※ Class 10 or Higher)
Front Camera	55FPS/30FPS 2K WDR
	Wide angle:110° 1920*1080P
Rear Camera	60FPS WDR
	Wide angle:115° 1920*1080P
Video file structure	1 minute / 3 minutes / 5 minutes
Screen size	11.88 inch IPS
Voice recording	Support
Microphone	Built-in high-sensitivity microphone
Recording Mode	Continuous recording / impact recording / parking monitoring / photo recording
File Format	Video:MP4    Picture:JPG
G-Sensor	Support
GPS	Support
Parking monitor	Support
Power voltage	DC12/24 V
Working temperature	-10℃ ~ +60℃    ※Safe Use Temperature
Storage temperature	-20℃ ~ +70℃

※ Please note that due to product improvements, specifications may change without notice.

※ If you would like to purchase accessories, please contact customer service.

# About warranty

## Disclaimers

- When using this product, please comply with local government regulations and road traffic laws. The user is fully responsible for the use of this product, and the manufacturer, importer and distributor of this product do not bear any responsibility.
- The warranty only covers the product host, and does not cover the loss or damage of stored data due to product failure or improper use.
- The company does not assume any responsibility for any accidents or losses caused by improper use of this product.
- Without the permission of the right holder, the pictures or videos taken by this product are not allowed to be used privately, except for personal appreciation. The company is not responsible for any bad behavior that infringes on the portrait rights of others without the permission of the right holder.
- This product does not guarantee recording under all conditions.
- The video taken is not as valid evidence of the accident.
- Install correctly according to the instruction manual. Please install it in a place that does not hinder driving or has low visibility.
- The LED traffic light may flicker and the color may not be recognized. We are not responsible for traffic signal recognition.

The warranty does not cover the following conditions:

- ※ Disassemble or modify the battery without authorization. (If the battery is disassembled or modified, it may explode or leak.)
- ※ Failure or damage caused by fire, earthquake, flood, lightning and other natural disasters or other external factors.

## Product warranty

The product warranty period is one year from the date of purchase (30 days from the date of purchase for accessories other than the main unit).

The product is not warranted in the event of a failure due to the user's responsibility.

Please be sure to read the "Safe Use" in this instruction manual.

Be sure to check the product within 30 days of purchase. If the product is determined to be factory defective within 30 days of purchase, please contact customer service. After 30 days, the product will be considered for repair. In this case, the buyer will be responsible for return shipping costs. We will cover the cost of repair and shipping costs.