

730pro User manual

1. Install the machine

U-Lock Mount Installation Instructions:

1. Gather all accessories and main components, including the magnetic adapter mount, U-lock, screws, screwdriver, anti-slip washers, etc.
2. Attach the magnetic adapter mount to the product. Securely fasten the mount to the body using a T30 screwdriver.
3. Mount the U-lock onto the bicycle/motorcycle handlebar. Once the bracket is correctly positioned, tighten the bracket screw with a hex wrench and install the silicone cap.
4. Connect the magnetic adapter bracket and U-lock bracket using the long screw. Adjust the camera angle, then tighten the bracket screw with a T30 screwdriver.
5. If the mount wobbles or feels unstable after installation, insert the included rubber pad into the mount cavity to enhance stability.
6. Ensure all screws are fully tightened and the mount is securely fastened to prevent movement while riding.



2. Expansion code table bracket (quick release)

installation instructions:

Extended Computer Mount (Quick Release) Installation Instructions:

1. Prepare the extended computer mount, GARMIN quick release mount kit, and main unit.
2. Remove the mount's elastic strap nut. Locate a suitable position on the bicycle/motorcycle handlebar. Thread the elastic strap through the hole, allowing it to protrude slightly. Secure the nut by turning clockwise, ensuring the mount is firmly fixed.
3. Install the Garmin quick-release adapter plate*1 (male mount) onto the bottom of the device. Use a screwdriver to fully tighten the screws.
4. Position the device parallel to the handlebars. Press the male mount into the female mount, then rotate the lens 90° toward the front of the vehicle.
5. Adjust the mount vertically and horizontally to achieve the optimal shooting angle, then tighten the mount nut.

Note:

- Before installation, ensure the mounting position does not compromise driving safety or visibility.
- When adjusting the mount direction, avoid contact with other components.
- To prevent accidental loosening during riding, regularly inspect the mount and connecting parts to ensure secure connections.

3. Steps for connecting a waterproof charging cable:

Waterproof Charging Cable Connection Steps:

1. Preparation: Ensure all accessories are present, including the device, waterproof charging cable (included), and waterproof silicone gasket.

2. Open the device's rear cover latch and remove the waterproof cover plate. Insert the silicone gasket fully into the recess at the device's rear end, working from top to bottom. Ensure the silicone lies flat and snug within the groove.
3. Position the waterproof charging cable cover with its narrow end facing down. Tilt the cover at a 45° angle to align it with the device's rear. Ensure the bottom latches fully engage, then firmly press the top section into place. Finally, secure the top with the locking latch.
4. Plug the charging cable connector into a power source. Check the device's indicator light status: a green light indicates normal charging.
5. When removing the waterproof charging cable, reinstall the waterproof cover to ensure a seal and prevent water ingress.

Important Notes:

1. The device ships without the waterproof gasket installed. Before first outdoor use, remove the rear cover and install the gasket in advance.
2. When charging the device via the Type-C port, the device is not in a sealed state. Exercise caution to prevent water ingress.
3. When charging the device using a power bank, ensure the power bank has sufficient charge to guarantee normal device operation.

4. SD Card User Manual

SD Card Installation Steps:

1. First, check the package contents. The SD card is pre-installed in the recorder.
2. Confirm the SD card location. The SD card slot is located at the bottom of the recorder.
3. Open the SD card slot cover, ensuring the cover opens fully.
4. Verify the SD card is correctly inserted into the slot. Ensure the card aligns with the slot and gently press until the SD card is locked into place.
5. Close the SD card slot cover, ensuring it locks securely to prevent accidental opening during operation.

6. Power on the device and verify SD card recognition. Confirm the SD card status in device settings. It is recommended to format the card once during initial setup via the device's settings page.

SD Card Removal Steps:

- 1. Turn off the motorcycle dashcam's power.
- 2. Open the SD card slot cover. Gently press the SD card until it ejects from the slot. Use appropriate force to avoid damaging the SD card or slot. Carefully remove the SD card and store it safely or return it to its original packaging.
- 3. Close the SD card slot cover and ensure it is securely locked to prevent accidental opening during operation.

Important Notes:

- 1. Always power off the device before removing the SD card to avoid potential data corruption.
- 2. Never force the SD card into or out of the slot to prevent damage to the card or slot.
- 3. SD cards are sensitive storage devices. Avoid frequent insertion/removal in harsh environments to prolong card lifespan.
- 4. Keep the SD card slot area clean to prevent dust or debris from entering and affecting normal operation.
- 5. Use the original manufacturer-supplied SD card to avoid performance issues caused by card speed incompatibility.

5. Specification

Waterproof	IP66
Sensor	8.0MP (SONY IMX 678) 1/1.8" Full @ 60 FPS
Perspective	D146° H125° V68°
Aperture	F/1.75
Main chip	Novatek 98580
Resolution	4K 30 幀/秒/4K 28 幀/秒/2K 60 幀/秒/2K 55 幀/秒/2K 30 幀/秒/2K 28 幀/秒（HDR/WDR）/1080P 60 幀/秒（HDR/WDR）/1080P 55 幀/秒（HDR/WDR）

Electronic Image Stabilization (Gyroscope)	Support
Bluetooth	Support
Display	1.14 inch Touchscreen
Light Source frequency	50 Hz/60Hz
Charging Power Supply	5V @ 2A
GPS	Support
WiFi	5.2G
Gyroscope sensitivity	High/Medium/Low
Parking Monitor	Support
HDR/WDR	HDR/WDR
Battery	Built in 3500mAh ※4K 30 fps/s at 5.6 hour/1080P 28 fps/s at 8.9 hour
Interface	USB Type-C with Waterproof Charging Cable (Supports Simultaneous Charging and Recording) 11W Fast Charging
Recording Method	Loop Recording / Emergency Recording / Parking Monitor/Photo/ Pre-Recording = "Real-time Cache + Trigger Lock"
Recording	Supports Noise Canceling Recording
Image/Video Format	jpeg/MP4
Loop Recording	1 min/3 min/5 min/10 min/Close (Default setting: 1 minute. Cycle off: 10 minutes.)
Firmware Update	OTA/ micro SD Card
APP	AKEYO APP/PC
STRAVA (Optional)	Support
ATLAS (Optional)	Support
Storage Method	microSD Card ※16GB~512GB ≥USHIII (Industrial-grade high-speed card)
Installation Type	GOPRO&1/4 Screw hole
Operating Temperature	(-20°C - 65°C)

6. Basic operations

Recorder Function	Key Definitions & Machine Status	Indicator light
Power On/Off	Long press 3s when power on, Shut	Indicator turn off; red

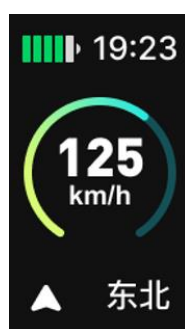
	down; Long press 3s when shut down, Power on	Light flashing slowly+blue Wi-Fi light always on
Start/Stop Recording	Short press 1s when start recording----Stop recording Short press 1s when stop recording----Continue recording	Stop Recording: red lights always on Loop Recording: slow red lights flashing
Recorder Charging	Connected to power supply when power off Connected to power supply when power on: No changes and Unplug the power cord—automatic shutdown. Note: The automatic power-on feature when plugging in the recorder is disabled by default at the factory. To use this feature, you must enable the corresponding switch within the app.	Charging:green lights always on Charging Complete: green lights turn off
Loop Recording	/	The red lights are flashing slowly
Emergency Video	Equipment Tilting/collision	The red lights are flashing rapidly
Parking Mode	When a collision is detected while the device is powered off, it will automatically turn on and the red indicator light will flash rapidly. After recording for 30 seconds, it will automatically power off and return to standby mode. Important Note: The parking monitoring feature is disabled by default at the factory. To use this feature, you must enable it within the app.	The red lights are flashing
Recorder Upgrade	Insert the SD card while the recorder is powered off, then connect the power supply to turn it on and perform the upgrade.	The red and blue indicator lights flash rapidly simultaneously.
No Memory Card Insert or Memory Card Not	/	The blue lights are flashing

Recording		
Restore Factory Settings	Press the power button 5 times consecutively while recording is paused to restore factory settings. The recorder will automatically power off and restart.	/

7. Machine Display Screen User Manual



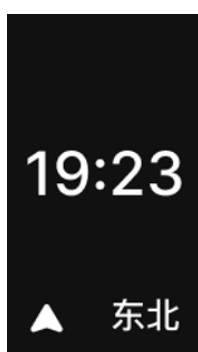
Startup Animation



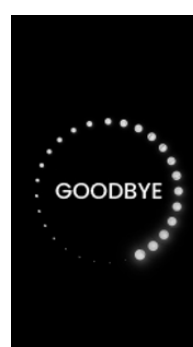
Home Screen



Preview Interface



Screen Saver



Shutdown Animation

1. Press and hold the power button for 3 seconds to turn on the device.
2. After powering on, enter the home screen.
3. Swipe left on the home screen to enter the preview interface.
4. The screen saver activates after one minute of inactivity.
5. Press and hold the power button for 3 seconds to turn off the device.

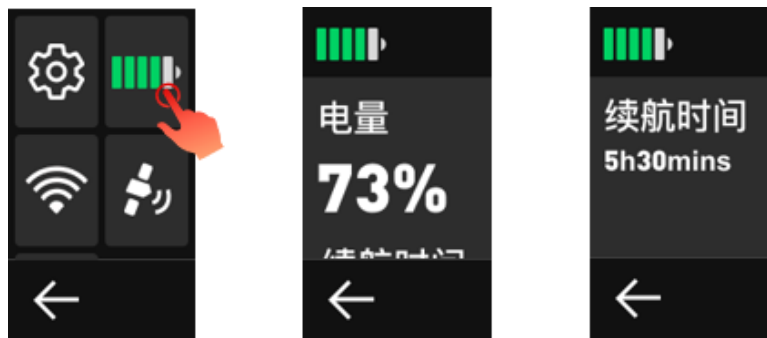


Swipe up from the bottom of the homepage to access the menu bar.



Settings Page: Swipe up or down to view

① WiFi Switch ② GPS Switch ③ Resolution



Battery Page: Swipe up/down to view

① Battery Level ② Battery Life



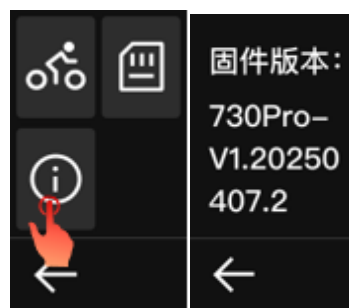
Ride Information:

- ① Today's Distance ② Average Speed ③ Maximum Speed ④ Ride Duration

Note: The above information records only the data for the current day.



Format the memory card



Firmware Version

8. Battery Life Comparison Chart

1. Enable power-saving mode in the app settings.
2. Tap “Exit Power Saving Mode” on the device.

Function Description

1. Power-saving mode can only be activated via the app settings. Upon activation, a pop-up prompt will appear requiring manual confirmation. After confirmation, the device will transition to the power-saving UI interface, with WiFi disabled and the app disconnected from the device.
2. Upon Power-saving mode, the device imposes the following functional restrictions: - Disables WiFi, GPS, Gyroscope, HDR/WDR, and similar features - Maintains minimum recording resolution (1080P at 30Fps) - Screen enters sleep mode (wake via single tap/swipe; auto-extinguishes after 5 seconds of inactivity)

3. Users may manually exit via the device's display screen by pressing the exit button. Upon exiting power-saving mode, the device restores previous settings and returns to the main interface.

4. Users may configure the automatic power-saving mode exit upon power connection switch in the app settings page (default: enabled):

Function enabled: If the device is in power-saving mode, it will automatically exit upon power connection, restore previous settings, and return to the main interface.

Function disabled: Upon power connection, the device remains in power-saving mode with no change to its status.

Note: Regardless of function status, WiFi will automatically activate upon each power-up. If no connection is established within five minutes, the WiFi function will automatically deactivate.

9. Recording function

Loop Recording

Press and hold the power button for 3 seconds to turn on the device. It will automatically enter loop recording mode upon startup. When the SD card reaches its capacity limit, the system will automatically overwrite the oldest files and continue recording in a loop.

Emergency Recording

To use the emergency recording feature, set the impact sensitivity to High/Medium/Low within the app. When an impact is detected while the device is powered on, the red indicator light will flash rapidly, initiating emergency recording. After recording concludes, the device automatically resumes loop recording. Emergency recording files will not be overwritten.

Important Notes:

When the G-sensor sensitivity is set to High, even minor impacts will trigger the emergency recording function.

When the G-sensor sensitivity is set to Low, only strong impacts will trigger the emergency recording function.

Emergency recording files are large in size and will not be automatically overwritten. When the number of loaded files increases, please regularly back up files as needed before deleting them. (You can delete files via the mobile app, connect the device to a computer for deletion, or directly connect it to a computer using the included charging cable for deletion.)

Emergency recording files are stored in the Event folder on the SD card.

Parking Monitor Recording

Enable the parking monitor feature in the mobile app.

When the device detects a collision while powered off, it will turn on and flash a red light. It will record for 30 seconds before automatically powering off. Parking monitoring recordings are large files that are not automatically overwritten. As the number of files increases, please back up the files as needed and delete them periodically. (Files can be deleted via the mobile app or by

connecting the device to a computer using the included charging cable.)

The parking monitoring log files are stored in the [Event] folder on the SD card.

Important Notes: When using the parking monitoring feature, you must set the G-sensor sensitivity to High / Medium / Low in the app.

Taking Photos

Connect to the mobile app via WiFi and tap the photo button in the app.

Important Notes: The photo function can only be operated through the mobile app.

10. Battery Life Comparison Chart

Comparison Chart of Battery Life at Full Charge for Different Pixel Counts and Resolutions			
Number	Resolution	Battery Life when Wi-Fi off	Battery Life when Wi-Fi on
1	4K30fps		
2	4K27.5fps		
3	2K60fps		
4	2K55fps		
5	2K30fps		
6	2K27.5fps		
7	1080P60fps		
8	1080P55fps		
9	1080P30fps		
10	1080P27.5fps		
Charging Time Chart from 0% to 100% Battery Level (5V~2.2A)			
Number	Equipment Status	Charging Duration	
1	Shut Down and Charge		
2	Power On and Charge		
Battery Life Comparison Chart in Power Saving Mode			
Number	Mode	Battery Life	
1	Power Saving Mode		

11. Introduction to WiFi and the app

The "AKEEYO" app is a free application that allows you to control the AKY-730Pro, 5G wireless LAN-equipped dash camera, from your smartphone.

To install the app

① Read the QR code
Please install it.



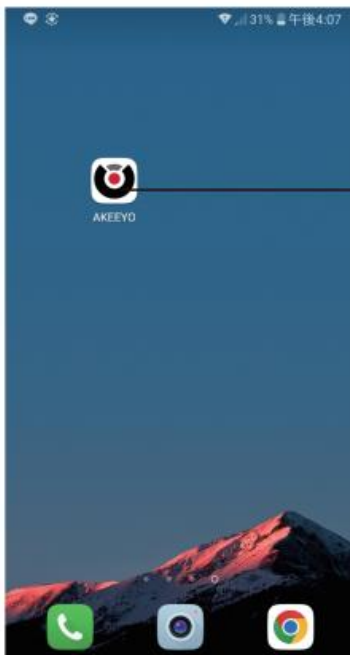
② App Store or
Search from Google Play.



AKEEYO

検索

Post-installation procedures



The app appears on the home screen
Make sure it is and click

12. Registration steps



①The WiFi of the machine is turned on by default after it is turned on. When it is turned

off, short press 2 times to turn on the WiFi function.

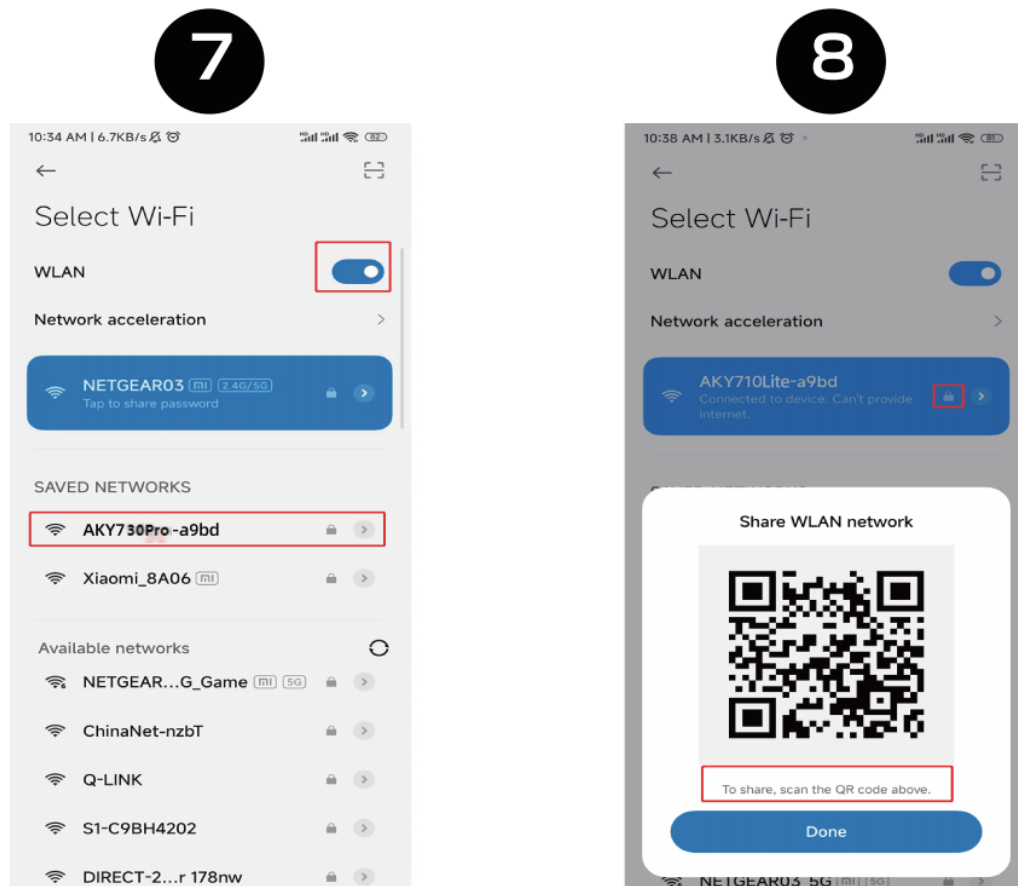
② Open "AKEEYO" APP, click "Add Camera", Search the machine's WiFi on your phone.

③ After the machine's WiFi is displayed, click the WiFi name and enter the password to connect. The default Wi-Fi name is "AKY-730Pro-****" and the default password is "12345678".

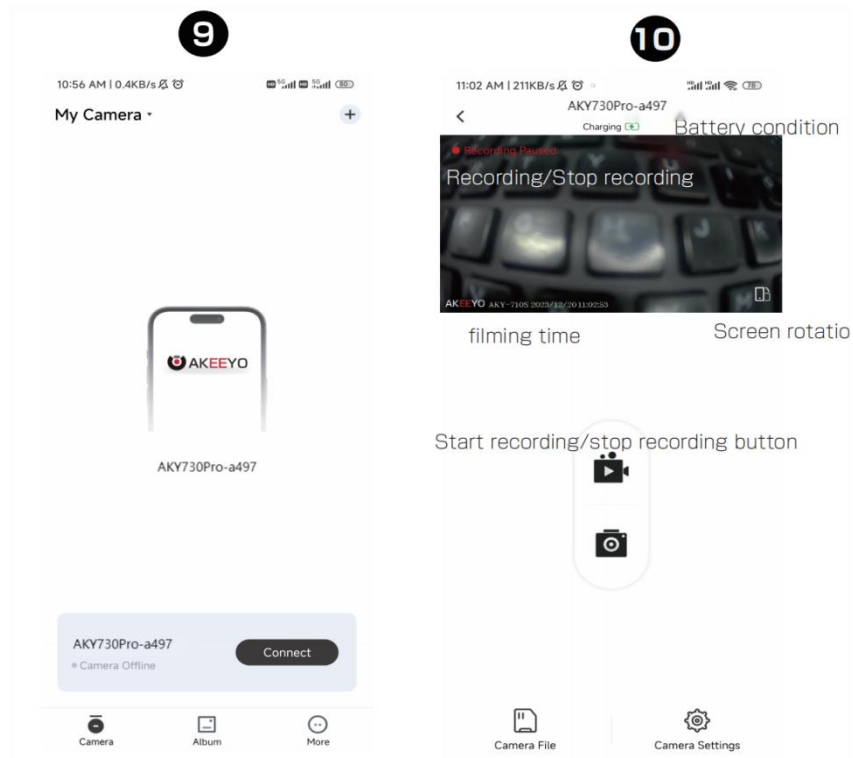
*The WIFI name will not be displayed unless the main unit is turned on.

*The last 4 digits of the WiFi name are random. The WiFi name of each device is different.

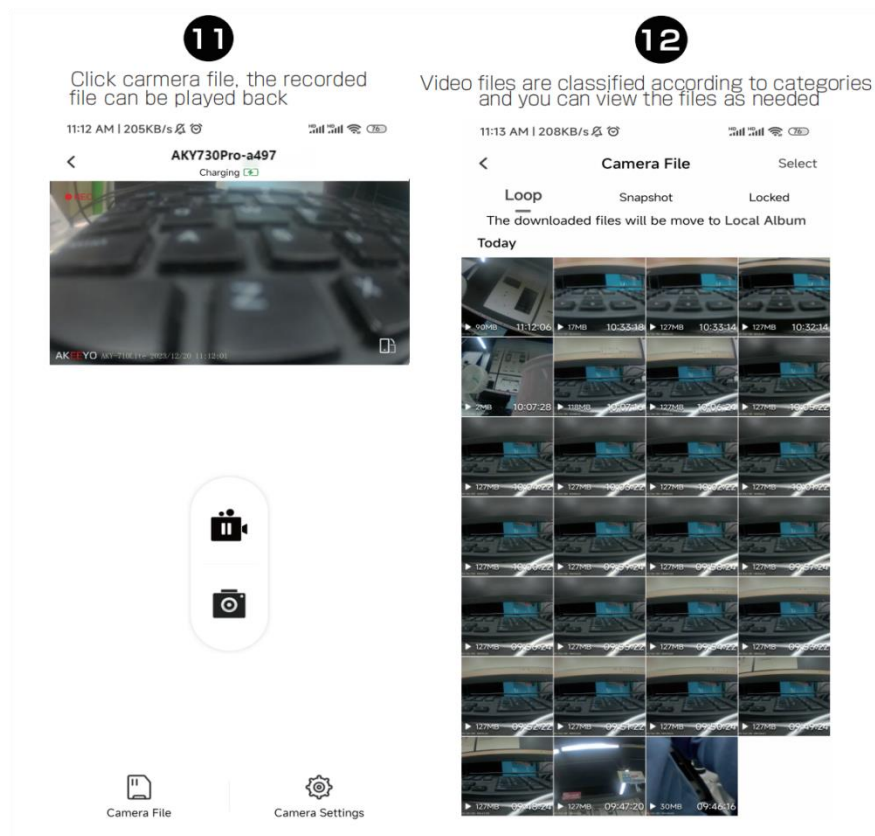
*Camera Wi-Fi name and password can be changed.



④ After WiFi connection, move to the main page.

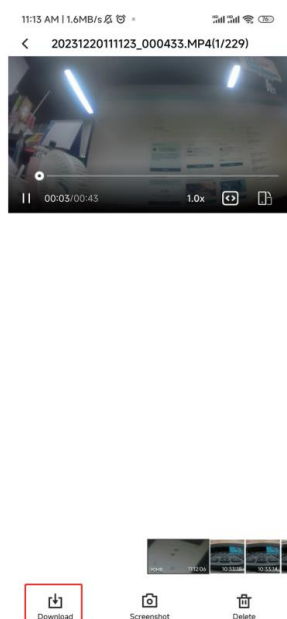


After clicking camera file, you can view the recorded videos and photos,
The following operation screens will be slightly different depending on the operating
system of the mobile phone or mobile device used. Please understand in advance.

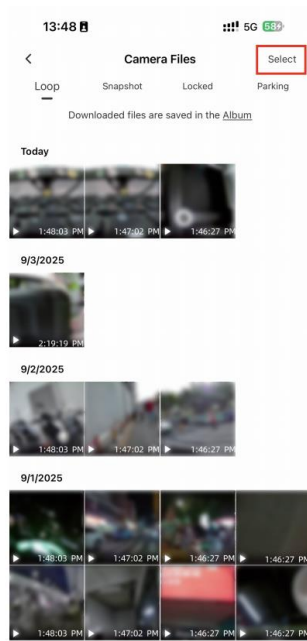


Play back and download videos

13



14



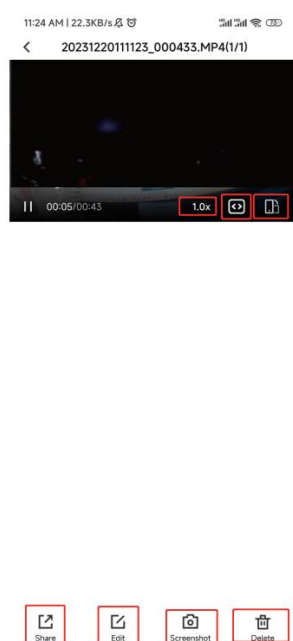
- ① Click on the video and confirm the video content on your phone
- ② Click the selection button in the upper right corner to select multiple videos and download multiple videos at the same time
- ③ The downloaded video will be marked as downloaded

Edit the downloaded video on your mobile phone

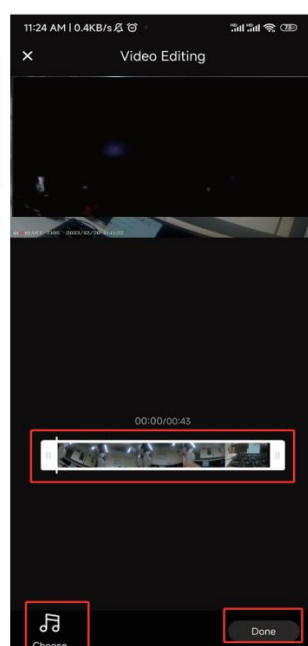
15



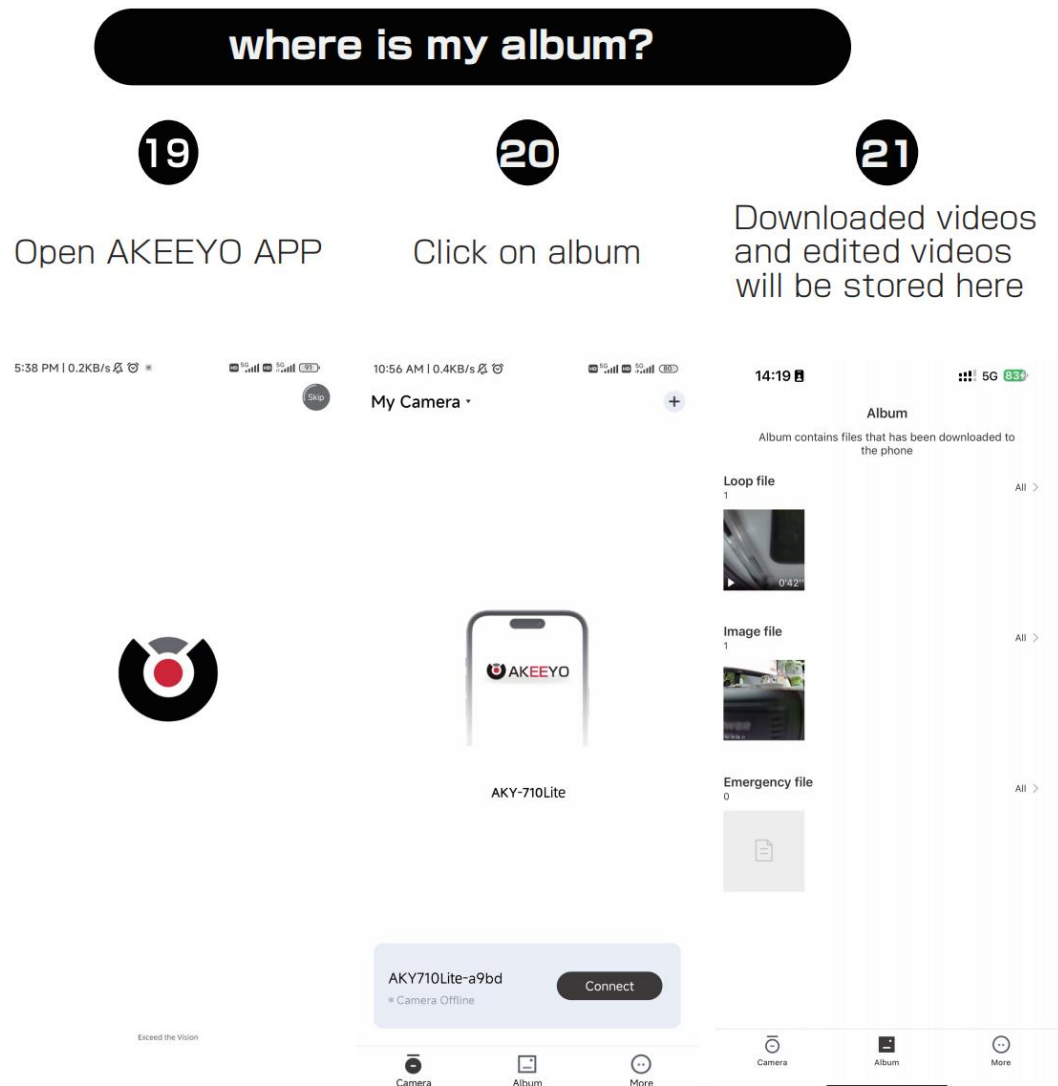
17



18



- ① You can adjust the playback speed of downloaded videos.
- ② Downloaded videos can be shared, edited, scripted, and deleted.
- ③ After editing the video, tap Done and check it in My Album



13. Setting items in APP

Project	Default Value	Optional
Power Saving Mode	Close	Open/Close
Power on to Exit Power-Saving Mode	Open	Open/Close
Sound Recording	Open	Open/Close
Video Resolution	4K P30	4K P30,4K P28 2K P60,2K P55,

		2K P30 ,2K P28 1080P P60,1080P P55, 1080P P30 ,1080 P28
Loop Recording Duration	1 min	Options: Off/1 minute/3 minutes/5 minutes/10 minutes, default 1 minute. After turning off, cycles back on after 10 minutes.
Exposure Compensation	+0.0	/-2/-1/0/1/2
Image Rotation	Close	Open/Close
Mirroring	Close	Open/Close
Time Stamp	Open	Open/Close
Frequency	60Hz	60Hz/50Hz
Collision Sensing	Low	High/Medium/Low
Gyroscope stabilization	Open	Open/Close
Auto Screen Off	Always on	Screen off/Always on
Cycling Unit	km/h	(km/h) / (mph)
Time Zone Settings	Positive 9	-12~+12
Night Vision	Close	Open/Close
Automatically Starts Up After Power On	Close	Open/Close
Delayed Shutdown	Close	(5 minutes, 30 minutes, 1 hour, always on/off,)
Parking Monitor	Close	Open/Close
Time-Lapse Recording	Close	1s/1fps,2s/fps,5s/fps,Close
WiFi Name	730Pro-****	/
WiFi Password	12345678	/
Firmware Version	V1.Year, Month, Day	/
Format Memory Card	/	Confirm/Cancel
Factory Reset	/	Confirm/Cancel

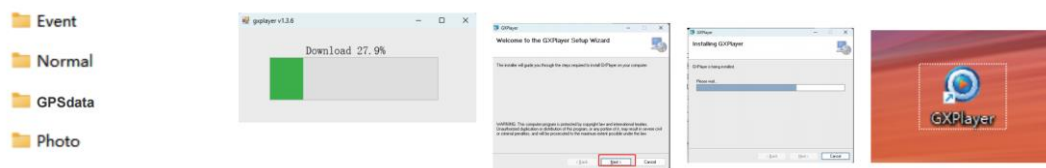
14. Reproduction of recorded images/photographs

Installing a dedicated player

- ① Turn off the power to the main unit and slowly remove the Memory card.
- ② Insert the Memory card into the card slot of your computer using a card reader

(sold separately)

- ③ Click on the "gxplayer" folder on the Memory card and download the dedicated player.
- ④ Select the video file and play it on the video player on your computer.



Playback on Windows system

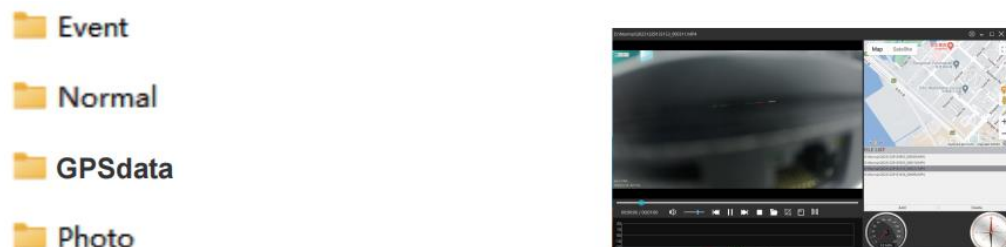
Compatible OS: Windows7, Windows8.1, Windows10

- ① Turn off the power to the main unit and slowly remove the Memory card.
- ② Insert the Memory card into the card slot of your computer using a card reader (sold separately)
- ③ There are four folders on the Memory card: "Event", "Normal", "GPSdata", and "Photo".
- ④ Select the video file and play it on the video player on your computer.

Playback on Mac system

Compatible OS: Mac OSX10.3.6 or later

- ① Turn off the power to the main unit and slowly remove the Memory card.
- ② Insert the Memory card into the card slot of your computer using a card reader (sold separately)
- ③ There are four folders on the Memory card: "Event", "Normal", "GPSdata", and "Photo".
- ④ Select the video file and play it on the video player on your computer.



15. Reset

Manually press the R reset button

When the device freezes or malfunctions, you can force a shutdown by inserting a pin into the R reset button located near the charging port. However, this will not restore the device to factory settings.

手動按壓重置鍵



Press the power button five times to reset the recorder.

While recording is paused, press the power button five times in succession. The device will power off and restart, restoring it to factory settings.



Restore Factory Settings on the Mobile App

After tapping “Restore Factory Settings” in the mobile app's settings menu, all device settings will revert to their default values.

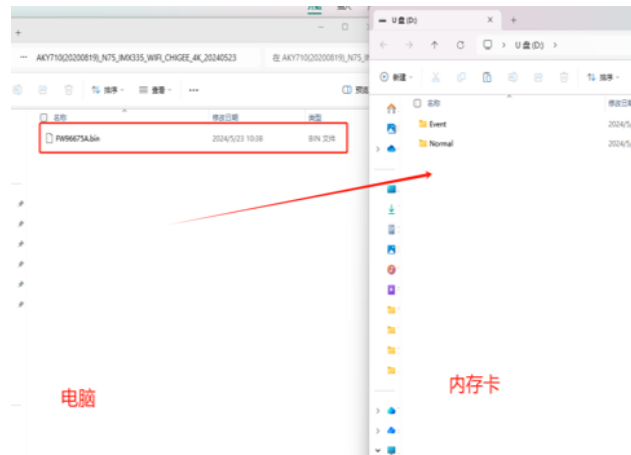
APP 出廠設置



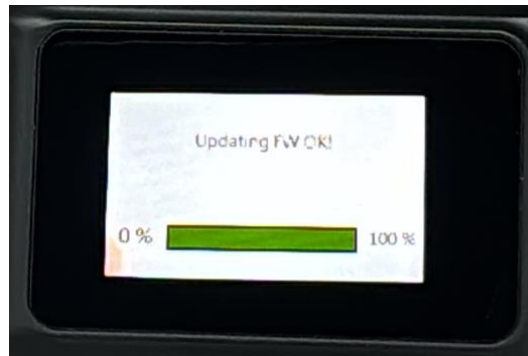
16. Version Update

Memory Card Upgrade Steps:

1. Insert the SD card into a card reader connected to your computer. Copy the latest software upgrade package to the SD card. [File ending with the .bin extension]



2. Insert the SD card containing the latest software package into the recorder. The recorder will automatically perform a software upgrade upon startup. [An animation will display during the upgrade. The upgrade is complete when the progress reaches 100%.]



3. The device upgrade was successful. You need to format the SD card inside the device before it can be used normally.



Important Notes

1. During the upgrade process, ensure the device remains powered on at all times! Do not disconnect the power supply, as this may cause damage to the device's firmware!

For OTA upgrades, insert the SD card first. After the device completes the upgrade, format the SD card within the device.

FCC Warning:

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

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

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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