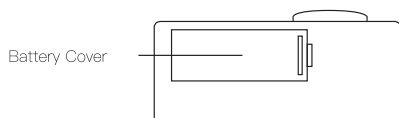
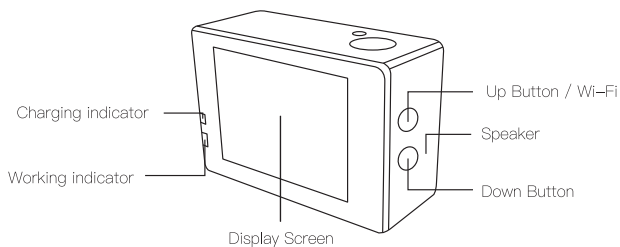
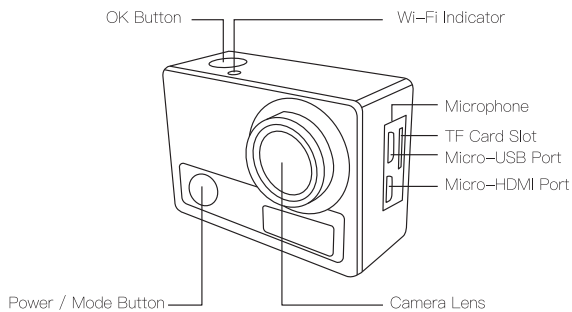


Product Diagram

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Specifications

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Model	A77
Video Resolution	4K (30fps), 2.7K (30fps)
	1080p (120fps),1080p (60fps),1080p (30fps)
	720p(240fps),720p (120fps),720p (60fps),720p (30fps)
Image Resolution	20MP,16MP,13MP, 8MP
Lens	170° HD wide-angle fisheye lens
Video Compression Format	H.264
Video / Image Format	MP4/JPEG
Wi-Fi Connection	Android / iOS supported
Storage	64GB Class 10+ Micro SDHC card support (Max) (not included)
USB Interface	Mirco USB 2.0
Charging Time	2 hours
Continuous Recording Time	Up to 90 minutes (or continuously if powered through the cable)
Battery	Removable 3.7V 1050mAh Li-ion battery
Waterproof Case Depth Rating	30m/98.4ft
Language Options	English / German / French / Spanish / Italian / Portuguese / Chinese Traditional / Chinese Simplified / Japanese / Russian / Korean/Thai
Weight	64g / 2.24oz [with battery]
Dimensions	59 x 41 x 25mm / 2.33" x 1.61" x 0.97"

Getting Started

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Charging

To charge, connect one end of the included micro-USB cable to a power adapter or a USB charging port and the other end to the micro-USB port on the camera. When you connect the camera to the power, the camera will automatically turn on. To more effectively charge the camera, turn it off. The red charging indicator will stay on when the camera is charging and turn off when the camera is fully charged. Charging with the power adapter takes around 2 hours. (The Power Adapter is NOT included)

Turning the Camera On/Off

Press and hold the power button for 2 seconds to turn the camera on/off. When the camera is turned on, the two LED status indicators will Light up and the display will turn on.

Using a Micro SD Card

The camera does not include internal storage and requires a micro SD card (Class 10 + recommended and 64GB Max supported) to function. Use a high-quality, branded card for maximum reliability. Insert a micro SD card into the micro SD card slot and format it (Format in camera system settings) to prepare the card for use. Formatting will permanently erase any data on the micro SD card.

Camera Modes

After booting, press the mode button to cycle through video and photo mode. Press and hold OK button for 2 seconds to go to choose different recording modes, playback mode, settings mode and Exit.

Different Recording Modes

Video Mode:

- Press OK button to start or end recording.
- Press and hold down button for 2 seconds to turn on/off the audio recording.
- Press and hold OK button for 2 seconds and then press down button twice to enter video settings (Resolution, White Balance, Exposure, Metering mode, Sharpness, Video quality, IS Time watermark, Audio recording).
- Resolution: 4K(30fps)/2.7K(30fps)/1080p(120fps)/1080p(60fps)/1080p(30fps)/720p(240fps)/720p(120fps)/720p(60fps)/720p(30fps).
- After changing settings, press twice mode button to turn to Exit icon and then press OK button to exit settings.

Slowly Video Mode:

In this mode, when video replayed at normal speed, time appears to be moving more slowly.

- Press OK button to start or end recording.
- Press and hold OK button for 2 seconds and then press down button twice to enter slowly video settings (Slow motion speed and resolution, White Balance, Exposure, Metering mode, Sharpness, Video quality).
- Slow motion speed and resolution: 1080P 4X/1080P 2X/720P 8X/720P 4X.
- After changing settings, press twice mode button to turn to Exit icon and then press OK button to exit settings.

Loop Recording Mode:

In this mode, the video recorded will be segmented at the time you set.

- Press OK button to start or end recording.
- Press and hold down button for 2 seconds to turn on/off the audio recording.
- Press and hold OK button for 2 seconds and then press down button twice to enter loop recording settings (Resolution, Video length, White Balance, Exposure, Metering mode, Sharpness, Video quality, ISO, Time watermark, Audio recording).
- Resolution: 4K(30fps), 2.7K(30fps)/1080p(120fps)/1080p(60fps)/1080p(30fps)/720p(240fps)/720p(120fps)/720p(60fps)/720p(30fps).
- Video length: 2min/3min/5min.
- After changing settings, press twice mode button to turn to Exit icon and then press OK button to exit settings.

Time-lapse Video Mode:

In this mode, the video recorded will be compressed to the time length you set. For example, an image of a scene may be captured once every second, then played back at 30 frames per second; the result is an apparent 30 times speed increase.

- Press OK button to start or end recording.
- Press and hold OK button for 2 seconds and then press down button twice to enter Time-lapse recording settings (Resolution, Interval, White Balance, Exposure, Video length, Metering mode, Sharpness, Video quality, ISO).
- Resolution: 4K/2.7K/1080P/720P.
- Interval: 0.5s/1s/2s/5s/10s/30s/60s.
- Video length: Unlimited/6s/8s/10s/20s/30s/60s/120s.
- After changing settings, press twice mode button to turn to Exit icon and then press OK button to exit settings.

Photo Mode:

- Press OK button to take photos.
- Press and hold OK button for 2 seconds and then press down button twice to enter photo settings (Resolution, White Balance, Exposure, Metering mode, Sharpness, Long Exposure, ISO, Time watermark).

- Resolution: 20MP,16MP,13MP, 8MP
- After changing settings, press twice mode button to turn to Exit icon and then press OK button to exit settings.

Auto-Timer Mode:

In this mode, after pressing OK Button, the camera will continuously take a photo after the time you set.

- Press OK button to take photos.
- Press and hold OK button for 2 seconds and then press down button twice to enter auto-timer settings (Resolution,Interval,White Balance,Exposure,Metering mode,Sharpness,ISO,Time watermark).
- Resolution: 20MP/16MP/13MP/8MP
- After changing settings, press twice mode button to turn to Exit icon and then press OK button to exit settings.

Burst Photo Mode:

In this mode, you press the OK Button once to take a few pictures in a row.

- Press OK button to take photos.
- Press and hold OK button for 2 seconds and then press down button twice to enter burst photo settings (Resolution,Photo Frequency,White Balance,Exposure,Metering mode,Sharpness,ISO,Time watermark).
- Resolution: 20MP/16MP/13MP/8MP
- Frequency: 3P/s,5P/s,10P/s
- After changing settings, press twice mode button to turn to Exit icon and then press OK button to exit settings.

Timer Mode:

In this mode, after pressing OK Button, the camera will take a photo after the time you set.

- Press OK button to take photos.
- Press and hold OK button for 2 seconds and then press down button twice to enter timer settings (Resolution,Countdown,White Balance,Exposure,Metering mode,Sharpness,ISO,Time watermark).
- Resolution: 20MP/16MP/13MP/8MP
- Countdown: 3s/5s/10s/20s.
- After changing settings, press twice mode button to turn to Exit icon and then press OK button to exit settings.

Playback Mode:

- In any recording mode, press and hold OK button for 2 seconds and then press down button once and OK button to enter playback mode.
- Press up/down button to choose desired picture or video. For videos, press OK button to play/pause, and up/down to rewind/fast-forward.
- If you want to delete a file, press and hold OK button for 2 seconds until a delete confirmation appears. Press up/down to choose 'Confirm' and press OK button to cancel the current file. It will then move to the next video or photo.
- To exit and go back to recording mode, press mode button.

Settings Mode:

- In any recording mode, press and hold OK button for 2 seconds and then press down button twice and OK button to enter settings mode.
- Press mode button to turn to system settings from recording mode settings.
- Use up/down to highlight individual setting and press OK button to enter those settings. And press OK button again to confirm.
- To exit settings and go back to recording mode, press mode button to move down to highlight the Exit icon and press OK button to exit.
- Image Rotation: On/Off.
- Wi-Fi: On/Off.
- Light Source Frequency: Auto/50Hz/60Hz.
- LED Indicator: On/Off.
- Auto Screen Saver: Off/30s/1min/2mins.
After a set period of time, if there is no operation on the camera, the screen will automatically go black. At this point the camera does not turn off, you can press any button to light the screen.
- Auto Power Off: Off/3mins/5mins/10mins.
After a set period of time, if there is no operation on the camera, the camera will automatically shut down.
- Beep sound: High/Middle/Low/Off.
Adjust the sound while pressing buttons.
- Language: English/Español/Portugues/Русский/简体中文/繁体中文/Deutsch/Italiano/Français/日本語.

- Time Format: YYYY/MM/DD,MM/DD/YYYY,DD-MM-YYYY.
- Time Set: Press UP/Down Button to change the value, press OK Button to turn to next item. And press mode button to save and exit time setting.
[Tips: Since the camera does not have a built-in battery, once the battery is removed or the camera is out of power while shooting, the camera's time will be reset when it powered on at next time, and then you need to reset the time in the setting.]
- Date Set: Press UP/Down Button to change the value, press OK Button to turn to next item. And press mode button to save and exit time setting.
- Format: Format/Cancel.
Format the memory card in the camera. Once this operation is implemented, all date will be deleted.
- Factory Reset: Confirm/Cancel.
Restore all camera settings to default settings.

Operating Camera via Mobile Phone

Download the app to view and control the camera on your mobile device.

Download the App

Option 1: Download the "DV KING 4K" app from the App Store [iOS 7.1 or Later] or Google Play (Android 4.3 or later).

Option 2: Scan the QR code below that corresponds with your device OS to download and install the "DV KING 4K" app.



Android App
Download



iOS App
Download

Wi-Fi Connection

Connect your phone to the camera wirelessly. You can see the camera picture, control the camera, and download recordings from the camera to your phone.

- Turn on the camera, then press and hold up button for 2 seconds to turn on Wi-Fi.
- Switch on Wi-Fi on your phone and scan for Wi-Fi connections.
- Find and connect with "ActionCam****", Wi-Fi password: 1234567890
- Open the "DV KING 4K" app on your phone.
- To turn off Wi-Fi and disconnect, press up button again.

Note:

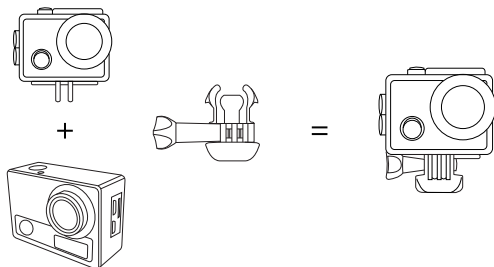
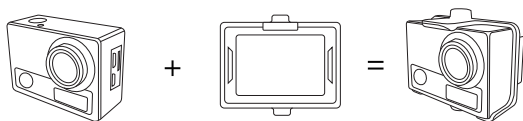
- When you use your mobile phone to operate the camera, the camera screen will stay off.
- The camera can only connect to one device at a time.
- Using the Wi-Fi connection is more energy-intensive; avoid using it when the camera is low on battery.

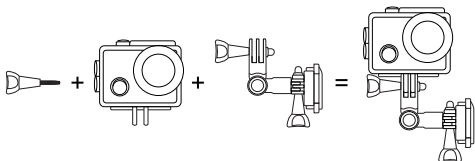
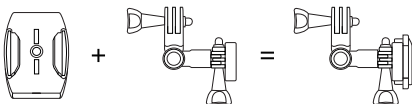
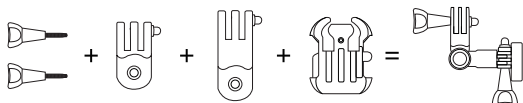
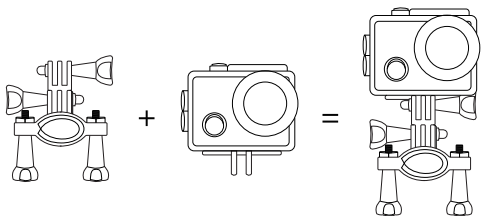
Operating Camera via the 2.4GHz Remote Control

Use the remote control to take photos or record videos with the touch of the photo button (red) or video button (gray). It operates in the current photo or video mode, or switches to standard photo or video mode to capture. After long use, the battery will eventually need to be replaced. Unscrew the four small screws on the back of the case and replace with a new CR2025 cell battery.

Camera Mount Assembly and Application

This action camera comes with a large selection of mount parts and other practical accessories for a wide variety of configuration options and applications. The camera can be mounted on bicycles and other vehicles, helmets, clothing, and much more. Below are a few common configuration and application options but you can arrange and use the parts according to your situation and desired use.





Product Care & Use

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- Keep away from liquids (unless using the waterproof case), extreme heat, and strong magnetic fields.
- Ensure the camera is mounted safely and fixed securely to avoid causing an accident or damage to the camera.
- Always pay attention to your surroundings and safety when using the camera.
- Wipe any dust and water off the camera after each use.
- Gently clean the camera lens with the included lens-cleaning cloth when necessary.
- Keep the camera out of the waterproof case when storing.
- Keep your videos and photos backed up elsewhere to protect against file corruption or loss caused by extreme conditions or SD card issues.
- If the camera crashes or becomes unresponsive, you can reset it by disconnecting and reconnecting the battery. You can also leave it turned off for a short time to cool down.

Warranty & Customer Support

All APEMAN products come with a limited warranty of 12 months from the date of purchase. Also professional customer service team for your support without any delay.

If you have any question about our product or the warranty, please feel free to contact us at the address below with your Amazon order number.

Complaint Mailbox: support.ac@apemans.com
US/CA: support.ac.us@apemans.com
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