Edis

4K Video
Camera Manual

1. Please put the battery in the battery slot first, make sure the battery guide is stuck in the battery slot. Then push up until the battery is stuck.
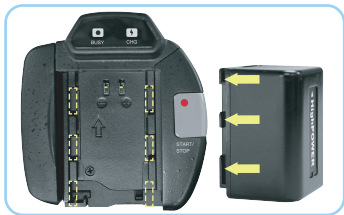
2. After turning on the screen, please use the mini USB cable to connect the "USB" port on the camera to charge the camera.
3. The "CHG" indicator at the rear of the camera is red when charging, and it goes out when it is fully charged.
4. Replace the battery. If you want to remove the battery, please press down the battery button and push it down.

How to install and charge an external microphone ?

1. Please use the mini USB cable in the package to connect to the external microphone for charging.
2. When charging, the microphone indicator light turns blue and goes out after being fully charged.
3. After charging is completed, please install the external microphone on the hot shoe interface of the camera and tighten it with screws.
4. Please use the 3.5mm headphone cable in the package to connect the microphone and the camera, the "MIC" interface.
5. After turning on the external microphone or in use, if the external microphone indicator is red, it means the battery is low, please charge it in time.

How to turn on and off ?

1. Turn on the screen and the camera will work automatically, or turn on the screen and press the "POWER" key to turn it on.
2. Turn off the screen and the camera will automatically shut down, or press the "POWER" button to shut down and close the screen.

How to install and format an SD card ?

1. This camera works with 4-128Gb Class 10 SD Card.
2. Samsung or SanDisk 32Gb/ 64Gb Class 10 SD card is recommended.
3. Please format the SD card when first use, a card only needs to be formatted once, press

"MENU" button and then press "MODE" to enter the " ⚙ ", and find "Formatting" through

the "UP" and "DOWN" buttons, Confirm the format with the "OK" button, and press the
"MENU" button to exit after formatting.
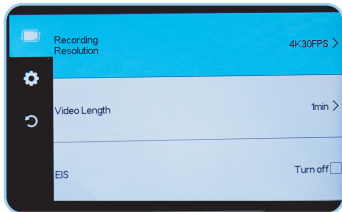
How to take photos, playback and delete photos ?

1. Please enter the photo mode first: After the camera is turned on, press the "MODE" key to enter the "Model Select", then use the "UP" and "DOWN" keys to find "Normal Picture", and finally press the "OK" key to confirm.
2. After entering the photo mode, press the "PHOTO" button on the top of the camera to take a photo.
3. If you want to replay the photos, please press "MODE" twice.
4. If you want to delete the photo, please press the "MENU" button to delete the photo during playback.
5. The digital focus can be adjusted through the focus lever (W/T key) on the top of the camera, and the photo can also be paged through this focus lever.
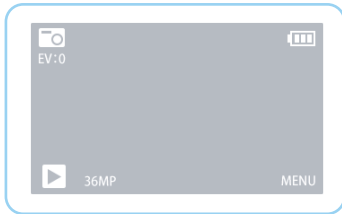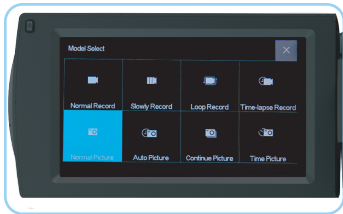
1. Please enter the video mode first: After powering on, press the "MODE" key to enter "Model Select", then use the "UP" and "DOWN" keys to find "Normal Record", and finally press the "OK" key to confirm.

2. After entering the video mode, please press the red dot button (START/STOP) at the end of the camera to start recording video, and press the red dot button (START/STOP) again to end video recording. During recording, you can press "PHOTO" key to pause the recording and press "PHOTO" key again to continue recording in the same file.

3. If you want to play back the video, please press "MODE" twice, and then press the "OK" button to play the video.

4. If you want to delete the photo, please press the "MENU" button to delete the video during playback.

5. The digital focus can be adjusted through the focus lever (W/T key) on the top of the camera, and the video file can also be paged through this focus lever.
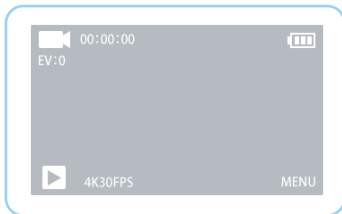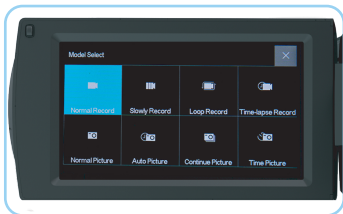
How to enter night vision mode ?

1. After powering on, press the "OK" button to enter the night vision mode
2. Photos and videos taken in night vision mode are black and white
3. Press "OK" again to exit the night vision mode

How to enter webcam mode ?

1. Use the mini USB cable to connect the camera to the computer
2. After the computer recognizes the camera, a dialog box will pop up, please select "Camera Mode".
3. When you turn on social media, the computer will automatically recognize this camera. If not, please select "USB Video Device" in the external camera settings of your social media software.
4. When you want to exit "Camera Mode", please press the "POWER" button to shut down.

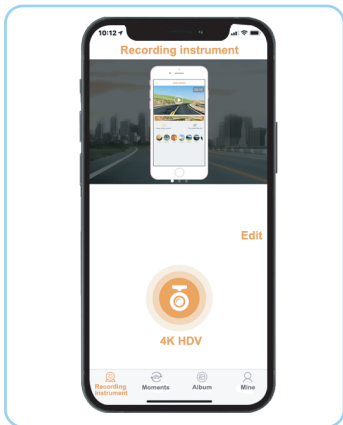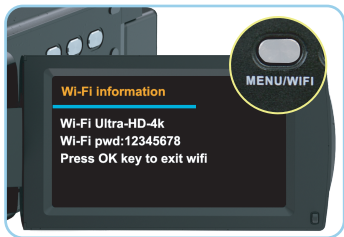| USB connected |
|---|
| Chaeging Mode |
| Mass storage mode |
| Camera Mode |
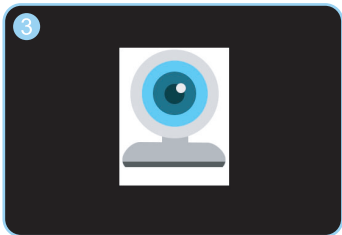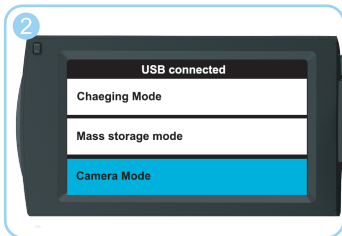
How to upload photos/videos from the camera to the computer ?

1. Please use the mini USB cable to connect the camera and the computer
2. After the computer is connected, Please choose "Mass storage Mode" and press "ok" to confirm.
2. After connecting, you can upload the camera files to the computer. When you want to exit "Mass storage Mode", please press the "POWER" button to shut down.
4. You can also connect the camera's SD card to a card reader to facilitate the operation of videos and photos in the SD card on the computer.
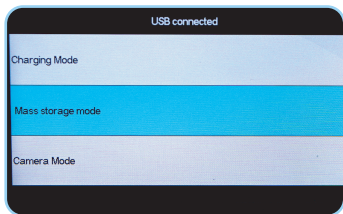
How to connect to wifi ?

1.For Android phone users, please search and download "RoadCam" in google play. If you are an Apple phone user, please search and install the APP "RoadCam" in the APP Store.
2.After the camera is turned on, keep pressing the "MENU" button until the wifi information is displayed. Please use your mobile phone to connect to this wifi, then click APP "RoadCam" and click "Add the device". Then you can operate the camera through your phone.

Wi-Fi information

Wi-Fi Ultra-HD-4k
Wi-Fi pwd:12345678
Press OK key to exit wifi

MENU/WIFI

Recording instrument

Edit

4K HDV

Recording instrument | Moments | Album | Mine

Camera Lens

4K 48.0 MEGAPIXEL

Built-in Microphone

IR light

Hot Shoe

W/T(Zoom)

PhotoPhoto
Mode

Charging Indicator

Working Indicator

Display
Screen

Start/Stop Button

Battery

Menu/WIFI

OK

Power/
Down

UP

USB Port

Microphone Port

AVI TV Port

Battery Lock

MODEL:HDV-544KM
DC:5V/1A
DIGITAL CAMCORDER
SN:544KM20201014128
MADE IN CHINA

MEMORY CARD

Tripod Interface

Memory Card Slot

Functions of keys & Indicator lights

Key/indic ator lights	Function
Power/Direction key-Down	On/Off; Menu selection.EV-
Direction key-Up	Menu selection.EV+
OK key	Turn on/off the IR light(video/photo mode),pause/continue playing (when playing a video),confirm(other circumstances)
MENU	Open and exit the menu
START/STOP	Start/stop the video
MODE	Select working mode
PHOTO	Photo shooting
T	Zoom in focus,turn up the sound(Playback mode)
W	Zoom out focus,turn down the sound(Playback mode)
Indicator light (Power&Charging)	The blue light is working status indicator light
	The red light is charging indicator light;the red light will be on when connected with a charger. The red light will go off when the battery i s full
External	Installing an External Camera Accessories
Hot shoe	Connector
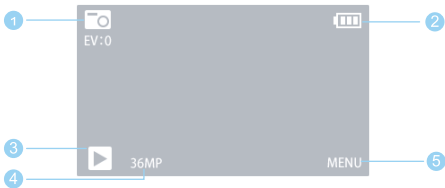
No.	Icon name	Instructions
1	Current mode	Press mode button to switch over modes
2	Power volume	Battery status
3	Playback	Click this icon to enter playback interface
4	Current pixel	Current picture pixel
5	MENU	Click this icon to enter menu

| No.	Icon name	Instructions
1	Current mode	Press mode button to switch over modes
2	Available space	Space for video recording or photo shooting
3	Power volume	Battery status
4	Playback	Click this icon to enter playback interface
5	Current resolution	Current resolution
6	MENU	Click this icon to enter menu

Product parameters

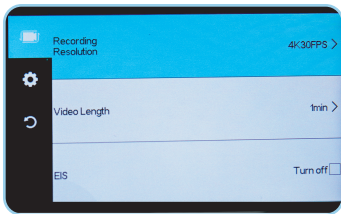|	
Photo pixels	48M, 36M, 24M, 20M, 16M, 12M, 8M, 5M
Video resolution	4K 60FPS; 4K 30FPS; 2.7K 30FPS;1080P 120FPS; 1080P 60FPS; 1080P 30FPS; 720P 240FPS;720P 120FPS; 720P 60FPS; 720P 30FPS
Memory card	4-128Gb SD card, Class10 (not included)
Photo format	JPEG
Video format	MP4
Digital zoom	16X
USB interface	2.0
Screen size	3 inch Touchable Screen
Battery	2 Pack
Focus	fixed focus lens, Aperture F/2.6, Focal distance f=2.28mm
Best shooting distance	3.2 feet away
Hot shoe interface	external microphone and fill light (please use our products)
TV output	support PAL/NTSC
Tripod interface	1/4 inch standard screw port
Built-in microphone	Yes, it is recommended to use an external microphone for a better experience
Night vision	infrared night vision

Focus mode	fixed focus
Input	5V/ 1A
Hot shoe interface	yes
Operating system	Windows XP, Windows Vista, Windows 7, Windows 8, Windows 10, Mac 10.2

"MENU" in video mode

After booting, press the "MODE" button to enter Model select, then use the "UP" or "DOWN" button to find "Normal Record", and finally press the "OK" button to confirm entering the video mode.

Video mode "MENU" introduction

Press the "MENU" button, you will see three interfaces, " 🎥 " represents the video settings, " ⚙ " represents the camera system settings, and " ↺ " to exit MENU. The "MODE" button can switch between video settings/ camera system settings/ exit button. The "UP" or "DOWN" button can switch the secondary menu settings.

Video Settings

Recording Resolution	4K 60FPS/4K 30FPS/2.7K 30FPS/1080P 120FPS/1080P 60FPS/ 1080P 30FPS/720P 240FPS/720P 120FPS/720P 60FPS/ 720P 30FPS etc.
EIS	Turn on/ Turn off, On is default
White Balance	Auto/Sunny/ Cloudy/ ungsten/Fluorescent, Auto is default
Exposure Setting	EV+3/EV+2/ 0/ EV-3/EV-2, EV0 is default
Metering Mode	Average metering/ Center metering/ Spot metering, Average is d efault
Sharpness	High/Middle/Low, Middle is default
Video quality	High/middle/low, Middle is default
Sensitivity (ISO)	auto/100/200/400/800/1600/3200/6400, Auto is default
Time Watermark	On/ Off, On is default
Recording audio	Turn on/Turn off, On is default

Press "MENU" button >Press "MODE"> ⚙ Camera System Settings

Press "MENU" button >Press "MODE"> ⚙

Beep Set	low/ middle /high，Middle is default
Wi-Fi	On/ Off, Off is default
Light source frequency	60Hz/50hz
Timing off (Shutdown timer)	You can choose to shut down automatically after 3/ 5/ 10/ minutes，Off is default
Language	English/ Chines and other languages
Date-Time	Date display format
Time Set	"UP" or "DOWN" can adjust the time number The focus lever switches hours/minutes/seconds. You can use the touch screen
Date Set	"UP" or "DOWN" can adjust the date number The focus lever switches year/month/day. You can use the touch screen
Formatting	Please use this function to format the SD card the first time you use the SD card
Factory Reset	Restore camera default settings

First, please enter the photo mode:

1.After turn on camera, Press the "MODE" button and select the "Normal Picture", press the "OK" button to confirm to enter the photo mode.

2.Please pay attention to the " 🔲 " in the upper left corner of the camera display, indicating that the state is in the photo mode.

3.After switching to photo mode, Press the "MENU" button, you will see three interfaces, " 🔲 " represents photo settings, " ⚙ " represents camera system settings, and " ↻ " to exit menu. The "MODE" button can switch between photo settings/ camera system settings . The "UP" or "DOWN" button can switch among the secondary menu settings.
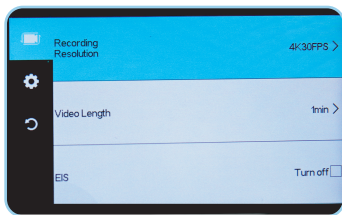
	48MP/ 36MP/ 24MP/ 20MP/ 16MP/ 12MP/8MP/ 5MP
White Balance	Auto/Sunny/ Cloudy/ ungsten/Fluorescent, Auto is default
Exposure Setting	EV+3/EV+2/ 0/ EV-3/EV-2, EV0 is default
Metering Mode	Average metering/ Center metering/ Spot metering, Average is default

Sharpness	High/Middle/Low, Middle is default
Shutter	Auto/2s/5s/10s/ 15s/20s/ 30s, Auto is default
Sensitivity (ISO)	auto/100/200/400/800/1600/3200/6400, Auto is default
Time Watermark	On/ Off, On is default

Camera system settings

Press "MENU" button >Press "MODE"> ⚙

| Beep Set	low/ middle /high，Middle is default
Wi-Fi	On/ Off, Off is default
Light source frequency	60Hz/50hz
Timing off (Shutdown timer)	You can choose to shut down automatically after 3/ 5/ 10/ minutes，Off is default
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WIFI Function

Application Installation

When Mobile phone or Tablet is equipped with the system of Android 2.2 or iOS 6.0 and above, it is able to search "RoadCam" applications on Google play for installation.
By WiFi connection, the APP can be used to control the camera, including previewing, browsing photo albums and downloading the files from camera to the Mobile phone or Tablet for sharing, as well as a remote control by the APP control.
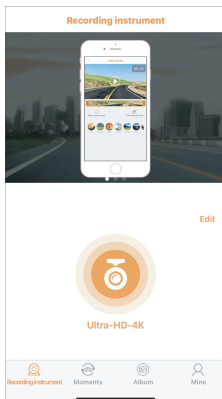
Switch on WIFI Connection:

1.Keep video camera in standby mode after being turned on, long press the MENU/WIFI for 3 seconds to open WIFI signal source. The camera screen displays WIFI name and password.
2.Check WIFI setting on Mobile phone or Tablet, Find the WIFI source name shown on camera, click to connect and input the WIFI password shown on camera.

> **Wi-Fi information**
>
> Wi-Fi:Ultra-HD-4K
> Wi-Fi pwd:12345678
> Press OK key to exit wifi
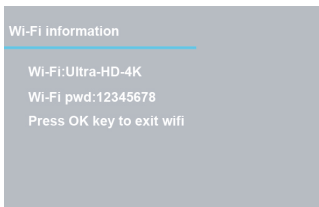
WiFi signal source switch on

Connecting the APP with the Camera

When the connection is successful, users can operate the video camera through the application for previewing, browsing photo albums and downloading the files from camera to the Mobile phone or Tablet for sharing, as well as a remote control by the APP operation.

▲ Preview on APP under WIFI connected
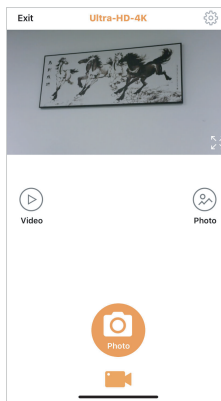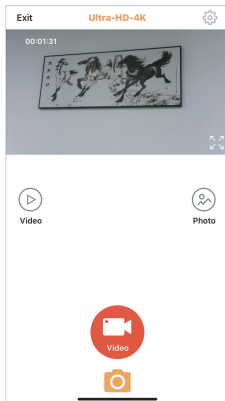
▲ Preview of video and photo mode on the APP

Switch off the function of the WIFI:

Under WIFI connection state, press the OK button to cut off WIFI source of video camera, the video camera returns to the normal state.

Question and Answer

Question	Answer
The remote that it came with doesn't work?	1.Please unplug the battery insulation sheet at the bottom of the remote control first. 2.The remote control can help you operate a lot, but it cannot be used to turn on your camera. 3.When the camera is in "PC Camera" mode, the remote control cannot work.
Do I need to format the SD card every time?	No, Please format your card when first use in the camera.
Why is my camera video grainy-looking	This is caused by the shooting environment is too dark, please shoot in a bright environment, such as outdoor during the day.
My SD file is shown to be damaged	Please complete the video recording first (press the red dot button to end the video recording), then turn off the camera and pull out the card. This will not destroy the files in Card.
Why is my recorded video divided into several partial files	We noticed that many video editing software cannot edit files over 4G, so we use 4G as a file for your convenience.
Does the external microphone need to be charged separately?	Yes, the indicator light on the top of the microphone is red when the battery is low. Charging is blue, and the full charge indicator is no longer on.
My photo is not clear enough	1.Please be as stable as possible when shooting, a tripod is recommended. 2. Please adjust the photo resolution to 48MP
My camera can't work?	1.Please charge the camera fully. 2.please press the "POWER" button to turn on

What is the best shooting distance	Since this camera is a fixed focus lens and cannot be replaced, the best shooting distance is 3.5 feet away. Please note that this camera cannot auto focus.
Why is the photo or video black and white?	When the IR night vision is on, the photos and videos are black and white. Please press "OK" key to turn it off.
Why I can't download pictures and video from the camera to my computer?	Please make sure the camera doesn't disconnect from the computer when downloading files. To prevent data loss, please do not insert or remove the memory card in the camera when the USB connecting with the computer.