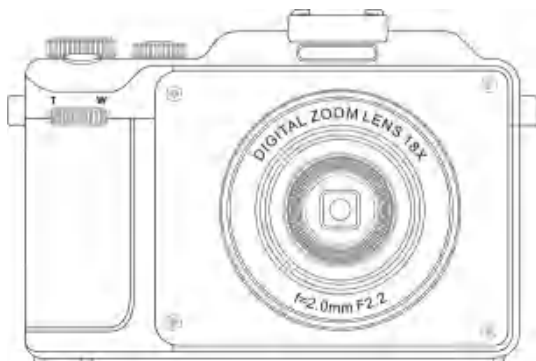


4K

Dual-lens Digital Camera

User Manual



- Please read this user manual carefully before using the product.
- To ensure proper use of this camera, please read the safety instructions.
- Keep this manual in a safe place for future reference.

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Introduction

This product is an advanced dual-lens WiFi digital camera with front and rear lenses. The front camera is a wide-angle prime focus camera, and the rear camera is a lens equipped with a new version of autofocus function. This device allows real-time monitoring and remote control through the WiFi signal emitted by the camera itself (not a household router signal).

Battery Installation/Removal/Charging

Battery Installation/Removal

This camera uses a high-capacity rechargeable external lithium-ion battery (NP-120), which is located at the bottom of the device. The battery has been designed with anti-idling feature. Please insert the battery correctly into the battery slot (as shown in the diagram) and ensure that the camera is turned off before removing the battery.



Battery Charging

1. When charging the camera, please turn it off first. Then, using the Type-C data cable provided with the camera, connect the camera with the battery installed to the power adapter. Observe the camera indicator light:
Red light on - charging
Red light off - charging complete



2. When using a dual charger to charge the battery, simply place the battery directly into the charger. Observe the dual charger indicator light:
Red light on - charging
Blue light on - charging complete



Note: Dual charger is not included in the standard package and

needs to be purchased separately.

3. Estimated battery charging time: Under normal circumstances, it takes approximately 3 hours to fully charge the battery (from empty to full).

4. Estimated continuous working time: When [System] is set to the default factory settings, the camera can work for approximately 1.5 hours in photo mode.

Battery Precautions

It is recommended to charge the battery within a temperature range of 10°C to 30°C. At lower temperatures, the battery may not charge or may require more time to fully charge. Charging at high temperatures may shorten the battery lifespan.

A fully charged battery will naturally discharge over time. To ensure sufficient power, it is recommended to charge the battery in advance.

If the camera is not used for an extended period, it is advised to charge the battery every 3 months and then discharge it to maintain battery life.

Memory card installation/formatting

Memory card installation

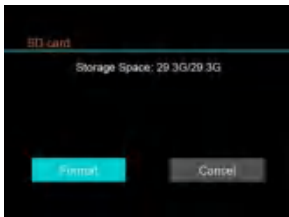
This camera uses TF memory card and supports up to 128GB. The card slot is at the bottom of the machine, please insert the TF card correctly into the card slot, the memory card inserted in place will make a "click" sound, the wrong insertion may damage the TF card and the card slot. To remove it, press the memory card inwards to eject it.



Memory card formatting

When a memory card used for the first time is inserted into the camera, the system will automatically prompt you to format it. Formatting is allowed if there are no files to save in the user's memory card. Otherwise, faults such as record failure and blue screen may occur.

On the main interface, press the MENU button --- Right arrow key DIS --- Use the up and down arrow keys to select [Format] --- Click confirm --- Select [Format] and confirm.



Change Camera Settings

Open the camera

Press the power button, the work indicator light will come on, the screen will light up, and the camera will turn on.



Set Date/Time

It is recommended to set the time to the current time when using the camera for the first time. The time inside the camera is set to the default time rather than the current time.

On the main interface, press the menu button MENU---right button DISP---use the up and down arrows to select [Date/Time Settings]---click OK---use the up and down arrows to adjust the date/time---confirm

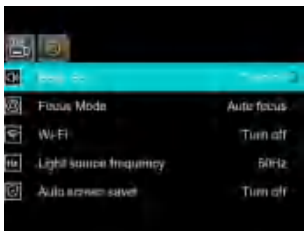
Set Language

The camera supports the following languages: Simplified Chinese/Traditional Chinese/English/Japanese/German/French/Italian/Spanish/Portuguese/Korean/Thai/Russian.

On the main interface, press the menu button MENU---right button DISP---use the up and down arrows to select [Language]---click OK---use the up and down arrows to select [Specified language]---confirm

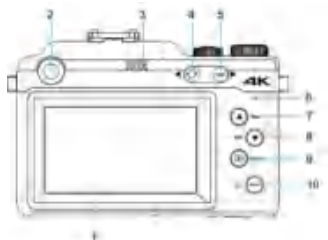
System Settings

On the main interface, press the menu button MENU---right button DISP---enter the system [Settings] menu.



Submenu	Menu Contents
Sound Settings	Off / Low / Medium / High
Focus Mode	Auto Focus / Manual Focus
Wireless Hotspot	Off / On
Light Source Frequency	Auto / 50Hz / 60Hz
Auto Screensaver	Off / 30s / 1 min / 2 min / 10 min
Auto Power Off	Off / 3 min / 5 min / 10 min
Language	Simplified Chinese / Traditional Chinese / English / Japanese / German / French / Italian / Spanish / Portuguese / Korean / Thai / Russian
Date Format	Year / Month / Day, Month / Day / Year, Day / Month / Year
Time Settings	Hour--Minute--Second
Date Settings	Year--Month--Day
Format	Confirm / Cancel
Version Information	Product Model and Version Number
Restore Factory Settings	Confirm / Cancel

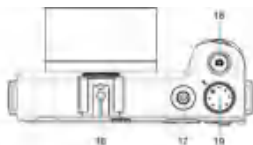
Camera Button Explanation



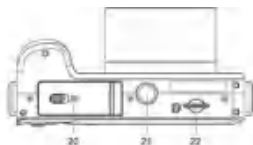
- 1.Display Screen
- 2.Front Camera (Selfie Camera)
- 3.Loudspeaker
- 4.Left Button/Switch Camera
- 5.Right Button/DISP Button
- 6.Power Indicator Light
- 7.Up Button/Delete Button
- 8.Down Button/WiFi Button
- 9.Playback/Mode Button
- 10.OK/Menu Button



- 11.T/W Dial
- 12.Flash
- 13.Rear Camera
- 14.External Mic Port
- 15.USB Data/
Charging Cable Port



- 16.Hot Shoe Mount
- 17.Power On/Off Button
- 18.Shutter Button/Video
Recording Start Button
- 19.Filter Effect Dial



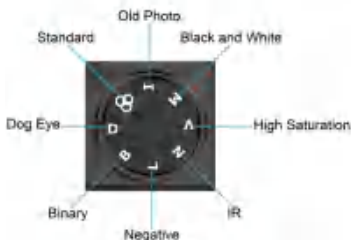
- 20.Battery Cover/Battery Compartment
- 21.Tripod Mount
- 22.Memory Card Slot

Button/Indicator	Functionality
Power On/Off Button	Short press to power on, long press to power off
Shutter Button	In photo mode: focus and capture functionality
	In video mode: start/stop recording functionality
Filter Dial	Rotate to select filter effects
Flash	Flash fill light when taking photo/video
T/W Dial	In photo and video mode, used for zooming in and out. T: Zoom in, W: Zoom out
	In playback mode: playback photos for picture enlargement/reduction function; Playback video to adjust the volume function
Charging Indicator Light	When the camera is charging, the light will be red. The light will turn off when the battery is fully charged
Operation Indicator Light	When the camera is powered on, the green indicator light will be on
Left Button/Switch Camera	In the main interface, used to switch between front and rear cameras
	In the secondary interface, used for left selection
Right Button/DISP Button	On the main screen, you can switch the 9-cell mode or extinguish screen
	In the secondary interface, used for right selection
Up Button/Delete Button	In the main interface for quick to open the playback station photo/video function
	In the secondary interface, used for upward selection

Down Button/WiFi Button	In the main interface, used to open WiFi connection interface
	In the secondary interface, used for downward selection
Playback/Mode Button	In the main interface, used to switch between photo/video/playback modes
	In the secondary interface, used for "Return to previous menu" or "Exit" functions
OK/Menu Button	In the main interface, used to open the settings menu
	In the secondary interface, used for "Confirm" function
Hot Shoe Mount	Used for attaching external microphone or flash
Memory Card Slot	Used for inserting a TF memory card
MIC	External microphone port
USB	Used for USB data transfer/charging

Filter Dial

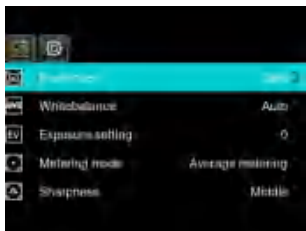
Rotate the filter effect dial to select the corresponding shooting mode. The description of the filter dial is as shown in the following image:



Camera Shooting Function

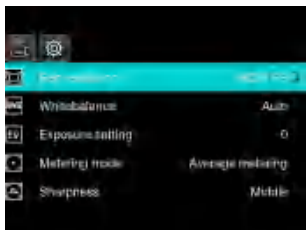
Shooting Menu Settings

The photo submenu is as shown in the following image:



Submenu	Menu Contents
Pixel Settings	56M/48M/36M/24M/20M/16M/12M/8M/5M
White Balance	Auto/Sunny/Cloudy/Incandescent/Fluorescent
Exposure Settings	-3/-2/-1/0/1/2/3
Metering Mode	Average Metering/Center-weighted Metering/Spot Metering/Matrix Metering
Sharpness	High/Medium/Low
Flash	Auto/Off/On
ISO	Auto/ISO100/200/400/800/1600/3200/6400
Time Watermark	Off/On

The video submenu is as shown in the following image:

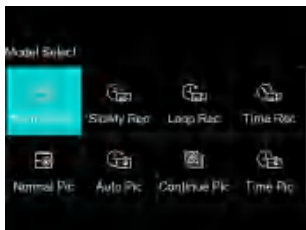


Submenu	Menu Contents
Video Resolution	4K/2.7K/1080P/720P
White Balance	Auto/Sunny/Cloudy/Incandescent/Fluorescent
Exposure Settings	-3/-2/-1/0/1/2/3
Metering Mode	Average Metering/Center-weighted Metering/Spot Metering/Matrix Metering
Sharpness	High/Medium/Low
Video Quality	High/Medium/Low
Flash	Auto/Off/On
ISO	Auto/ISO100/200/400/800/1600/3200/6400
Time Watermark	Off/On
Recording Sound	Off/On

Mode Selection

Long press the MODE button on the main interface to enter the

mode selection menu. The mode selection menu includes: Normal Video, Slow Motion, Loop Recording, Time-lapse Recording, Normal Photo, Auto Photo, Burst Photo, and Timer Photo, as shown in the following image:



Taking Photos

Switch to photo mode by pressing the MODE button. Aim the camera at the subject to be photographed and hold the camera steadily. Half-press the shutter button to focus, and safely press the shutter button to take the photo after focusing.

Use the T/W zoom control dial to adjust the composition. T: Zoom in, enlarging the field of view and the subject. W: Zoom out, reducing the field of view and the subject.

Recording Videos

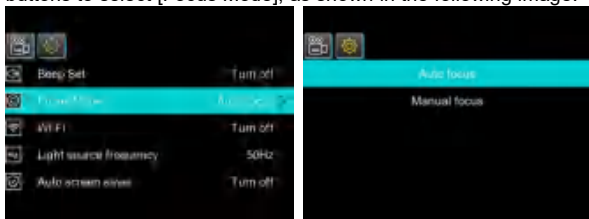
Switch to video mode by pressing the MODE button. Press the shutter button to start recording/stop recording.

Auto Photo

Before shooting, switch to auto photo mode by pressing the MODE button. The self-timer can be set to 5 seconds, 10 seconds, or 20 seconds.

Focus Function

This camera has two focus modes: full auto focus and manual focus. Press the MENU button --- right button DISP --- up/down buttons to select [Focus Mode], as shown in the following image:

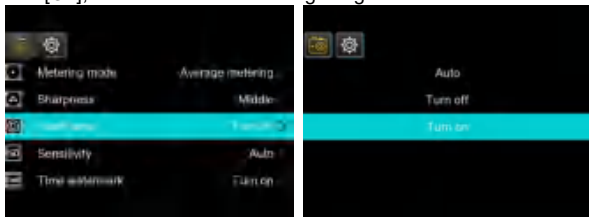


Full Auto Focus: In this mode, simply keep the camera stable while taking photos or recording videos, and the camera will autofocus. Press the shutter button after focusing is complete.

Manual Focus: In this mode, when taking photos or recording videos, the focus frame will appear on the display screen when the shutter button is half-pressed. Press the shutter button after the camera focuses clearly.

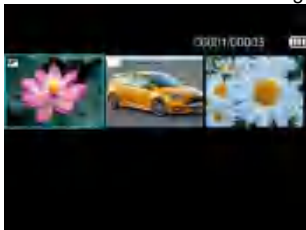
Flash

The flash can be used for fill light in low-light environments. When taking photos, press the shutter button and the flash will flash. In photo mode, press the MENU button --- up/down to select [Flash] and [On], as shown in the following image:



Playback Photos/Videos

After taking photos or recording videos, they can be directly played back on the device. As shown in the following image:



In playback mode, use the left/right buttons to browse the captured photos. Press the OK button to enter the single photo preview page. Use the T/W dial to zoom in/zoom out the photo. Use the up/down/left/right buttons to move the photo.

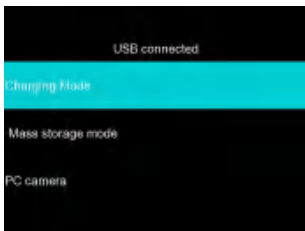
In playback mode, use the left/right buttons to browse the recorded videos. Press the shutter button or OK button to play the video. Use the T/W dial to increase/decrease the volume. Press the shutter button or OK button again to pause the playback. Press the MODE button to exit playback.

Delete Files

In playback mode, use the left/right buttons to select the file to be deleted. Press the delete button to open the delete menu. Use the up/down buttons to select options such as [Delete Current/Delete All/Lock Current/Lock All/Unlock Current/Unlock All].

Transferring Files to Computer/Camera

In the powered-on state, use the Type-C data cable provided with the camera to connect the camera to the USB port of the computer. The camera screen will display three modes: [Charging Mode], [Storage Mode], [Camera Mode], as shown in the following image:



Select [Storage Mode] and click confirm. At this time, open the computer and you can view all the files captured by the camera in the USB flash drive, and you can also copy them to the computer.

Note: Do not disconnect the data cable during the transfer to prevent data loss or damage.

Similarly, select [Camera Mode], and then open the camera software on the computer. Select the USB video device to display the real-time image from the camera. If you want to live stream, select the camera as the video source in the live streaming software.

Note: When the data cable is connected to the computer, the computer can provide power to the camera, but the power supply speed is slow and may not charge the device. If you need fast charging, please turn off the camera and use a charging socket for charging.

WiFi Function

This device supports remote control of the camera within the WiFi signal coverage range using the smartphone app (Elook Pro). To use the WiFi function, please scan the following QR code with your smartphone to download the app.



Android APP

Note: This WiFi cannot connect to the Internet network and can only be used to connect the camera and smart devices.

App Usage

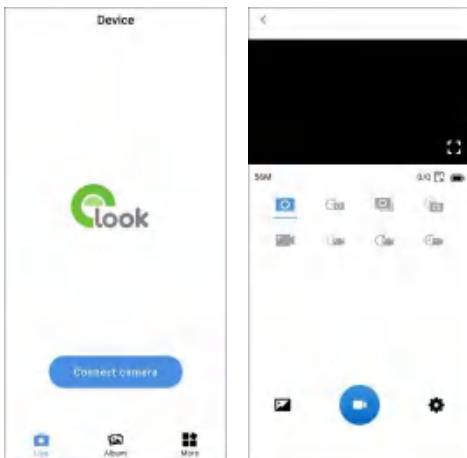
1. Start the camera and press the WiFi button to turn on the WiFi hotspot. The camera screen will display the WiFi name and password.



2. On your smartphone or tablet, open Settings > WLAN and find the camera WiFi name. Enter the WiFi password to connect

your phone to the camera.

3.Open the downloaded app (Elook Pro) and click on "Connect Device" to enter the app interface. You can then use the app to control the camera for taking photos, recording videos, or menu settings.



4.To turn off the WiFi, simply press the camera's WiFi button again.

Camera Specifications

Image Sensor	Dual 13 million pixels, up to 56 million pixels (interpolation)
ISO	Auto / ISO100 / 200 / 400 / 800 / 1600 / 3200 / 6400
Storage Media	TF card, supports up to 128GB (requires U3 or above transfer speed)
Front Camera	50cm to infinity
Rear Camera	F/2.2 f=2.0mm, autofocus, 10cm to infinity
Still Photos	Format: JPG Resolution: 56M / 48M / 36M / 24M / 20M / 16M / 12M / 8M / 5M
Video Clips	Format: MP4 Resolution: 4K / 2.7K / 1080P / 720P
Zoom	18x digital zoom
Screen	3.0-inch high-definition Screen
Stabilization	Electronic stabilization
Face Recognition	Supported
LED Fill Light	<1.5M
Flash	Auto / Off / On
White Balance	Auto / Sunny / Cloudy / Incandescent / Fluorescent
Filters	Standard / Old Photo / Black and White / High Saturation / IR / Negative / Binary / Dog Eye
Exposure Compensation	-3.0EV ~ +3.0EV
Self-Timer	Off / 3s / 5s / 10s / 20s

Timer Shooting	Off / 3s / 5s / 10s / 20s
Continuous Shooting	Off / 3 photos / 5 photos / 10 photos
Computer Interface	Type-C USB2.0
Auto Power Off	Off / 3 minutes / 5 minutes / 10 minutes
Power	NP-120 lithium battery
Dimensions	122 (length) x 60 (width) x 80 (height) mm
Language	Simplified Chinese / Traditional Chinese / English / Japanese / German / French / Italian / Spanish / Portuguese / Korean / Thai / Russian

Read Before Use

For your safe

1. Please do not disassemble and modify this product.
2. If there is smoke or an unpleasant smell from any part, stop operating the camera immediately, otherwise, it may cause fire or electric shock. Instantly turn off the camera and remove the camera's battery or unplug the power cord from the electrical outlet, ensuring the camera has stopped smoking or emitting an unpleasant odor.
3. Do not let the camera come into contact with water or other liquids, or immerse the camera in water or other liquids. This camera is not waterproof. If the case gets on liquid, wipe it dry with a soft cloth. If water or other foreign objects get inside the camera, turn off the camera immediately, remove the camera's battery or unplug the power cord from the power outlet.
4. When using the flash, please keep a distance from the eyes of people or animals. When the distance is too close, facing a strong light source may cause damage to the eyesight. Take special care to keep more than 1 meter (39 inches) away from infants when using the flash.
5. Please keep the camera and battery out of the reach of children.
6. Do not heat the battery or expose it to fire, otherwise, it may explode.

Maintenance

1. If the camera will not be used for a long time, please take out the camera battery and place it in a dust-free, dry, and temperature not higher than 30°C environment.
2. To prolong the battery life, please fully discharge it before storing it.
3. Please fully charge and discharge the battery at least once

every 3 months.

4. If there is dust or dirt on the lens or display, please wipe it gently with a clean and soft lens cleaning cloth.

5. Since this machine is a precision instrument, do not drop it or suffer strong impact or vibration.

Trouble Shooting

1. Unable to charge

(1) If the charging indicator does not light up, please check whether the charger is connected properly.

(2) The battery is recommended to start charging within a temperature range of 10°C to 30°C.

2. Battery life is too short

(1) Check if the battery is fully charged.

(2) If the ambient temperature is lower than 10°C, the battery will be drained quickly.

(3) Battery life will vary depending on usage patterns.

3. The memory card cannot be recognized

(1) Please check whether the memory card meets the requirement, the maximum is 128G.

(2) Please check if the memory card is inserted incorrectly.

(3) The memory card was used on the camera for the first time and was not formatted.

4. The memory card cannot be formatted

(1) If the camera cannot be formatted, you can try to format the TF card on the computer first, and then insert it into the camera. Or try changing the memory card.

5. Inability to focus

(1) Don't shake the camera all the time, keep it steady and the camera will autofocus in 1-3 seconds.

(2) When the shooting distance is less than 3.3 feet, you can manually half-press the camera button to focus, when shooting video, you need to keep pressing and holding.

6. Unable to connect to the computer

- (1) Please check if the USB data cable is connected correctly.
- (2) Please check whether the computer's USB interface is working properly.
- (3) Please check computer system compatibility.

Others

1. Except for the memory card, do not insert other objects into the card slot.

2. A few seconds after the power is turned on, the camera may display an unstable image, it's normal.

3. Due to the optical performance of the lens, color dispersion may occur at the edge of the image (magnified chromatic aberration rate), which is not a camera malfunction.

4. It is normal for the memory card to become hot after being used for a long time.

The screen of the camera will heat up when used for a long time, which is a normal phenomenon.

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

NOTE: 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.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

The devices has been evaluated to meet general RF exposure requirement , the device can be used in portable exposure condition without restriction