5K UHD DIGITAL CAMERA
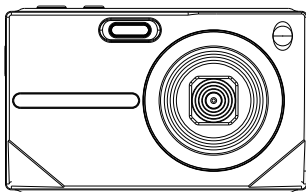## 5K超高清数码相机
Digital camera

USER MANUAL
用户手册

Please read this manual carefully before use!
使用前请仔细阅读本手册

Contents

Important notice

Incorrect operation may damage the camera or cause danger. Please be sure to read carefully and follow this manual.

Safety information
◇ Children are not allowed to use the camera and its accessories alone. Cameras are prohibited near fire sources such as stoves and candles.
◇ Keep the camera well-ventilated while charging and do not cover it, otherwise it may damage the camera or cause an accident.
◇ Do not restart the camera if it is damaged, has water ingress or a short circuit.

Batteries and LCD screens
◇ The camera contains batteries. Do not squeeze, puncture, disassemble or burn.
◇ Batteries are chemicals and improper use may cause fires or accidents.
◇ Do not squeeze or tap the screen. Do not touch the screen if it breaks. If contact occurs, rinse immediately with clean water. If swallowed by accident, rinse mouth immediately, drink plenty of water and seek medical attention immediately.

Use and storage environment
◇ Do not use or store in strongly vibrating or dusty places.
◇ Do not use corrosive solvents to clean the camera and accessories. Clean with a clean soft cloth.
◇ Operating environment: Temperature -10 ° C to 40 ° C (14°F to 104°F), humidity ≤ 60%.
◇ Storage environment: Temperature -20 ° C to 60 ° C (-4°F to 140°F), humidity ≤ 30%.

Other warnings
◇ Cameras with Wi-Fi or Bluetooth may interfere with aircraft or medical equipment, etc. Do not use them where it is prohibited by law.
◇ Comply with local laws and regulations regarding the use of wireless devices.
◇ Comply with local laws and regulations concerning the protection of personal privacy.
◇ Do not discard the camera and its accessories at will. Please handle them in accordance with local laws.
◇ Do not disassemble the camera by yourself, or you will be disqualified from warranty. In case of malfunction, seek professional assistance.

Important notice

Computer system Requirements
When connected to a computer for use, the computer should not be lower than the following specifications:
CORE i3/3.0G or above processor /Windows xp or above operating system / 8GB or more of memory /2GB or more of graphics /500GB or more of available disk space/Standard USB2.0 or above interface /1920x1080 pixels or higher screen resolution.
If the computer's specifications are low, it may not work properly when connected to the camera.

Check
Please take a test shot and check before use to ensure the camera is working properly. We are not liable for any additional damage resulting from incorrect use or malfunction.

Copyright and Trademarks
Microsoft/ windows is a registered trademark of Microsoft Corporation. CORE is a registered trademark of Intel Corporation.
Android is a registered trademark of Google. Macintosh/Mac OS/iOS is a registered trademark of Apple Inc.
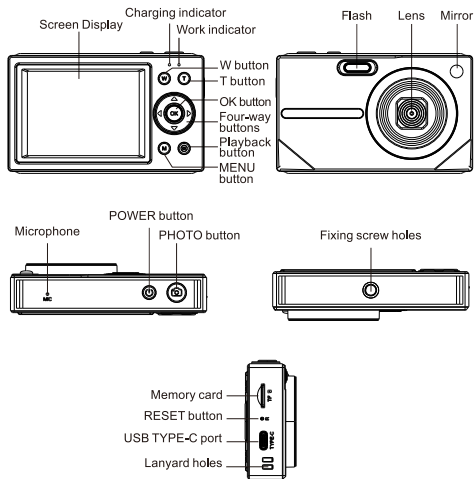The product names, proper nouns, or trademarks cited are registered trademarks of their respective owners.

1 About the Camera

Welcome to choose this product, we will serve you with enthusiasm!
This is a multifunctional 5K ultra HD digital camera with the following features:
◇64.0MP   ◇AF auto-focus   ◇Macro   ◇5K UHD video
◇2.8-inch IPS high definition screen   ◇LED Flash light   ◇8 scenes
◇17 color effects   ◇WIFI Wireless   ◇Mobile phone APP

1.1 Illustration

Charging indicator
Screen Display
Work indicator
W button
T button
OK button
Four-way buttons
Playback button
MENU button

Flash   Lens   Mirror

POWER button
Microphone
PHOTO button

Fixing screw holes

Memory card
RESET button
USB TYPE-C port
Lanyard holes

1 About the Camera

1.2 Button Function

Illustration	Button Name	Function Description
⏻	[POWER] Button	Long press to power on/power off the camera. Short press to turn the screen on/off
Ⓦ Ⓣ	[W/T] Button	Zoom, reduce/enlarge the picture
📷	[PHOTO] Button	Photo mode: Press lightly to focus, press heavily to take a photo Video mode: Light press focus, heavy press record/stop recording
Ⓜ	[MENU] Button	Pop up the menu, go back or exit the menu
ⓞⓀ	[OK] Button	Confirm the operation Preview screen: Pop-up mode options
◁ △ ▷ ▽	[Four-way] Buttons	Move direction/Turn the page Quick features: [UP] - Photo mode: Switch screen display [DOWN] – Photo mode: Pops up the selfie menu [LEFT] - Photo or video mode: Macro switch [RIGHT] - Photo or video mode: Flash switch
◉	[Playback] Button	Enter or exit replay mode
⊖ ℞	[RESET] Button	Reset When the camera freezes abnormally and cannot shut down, press this button and the camera shuts down directly.

Where the [ ] symbol is placed, it indicates a button or switch of the camera.

2 Prepare before use

2.1 Install the memory card
Before use, install the memory card and format the camera (see Section 6.8).
Insert the memory card as shown in the picture and push it in until you hear a "click".

Insert the memory card in the direction indicated by the icon.

(i) Use a qualified memory card of U3 or higher. Poor memory cards can cause the camera to work abnormally.
Do not unplug the memory card while the camera is powered on, otherwise the memory card will be damaged or data will be lost.

2.2 Charging
2.2.1 Connect a USB charger (Specification: Output DC 5V/1.5A). A red Indicator light on indicates charging is in progress, and a light off indicates charging is complete.
2.2.2 Connect your computer to charge. Connect the camera to the computer with a USB cable. A red indicator light on indicates that it is charging.Do not unplug the memory card while the camera is powered on, otherwise the memory card will be damaged or data will be lost.

(i) Please make sure that the charger and power supply meet the requirements!
Ensure ventilation while charging, do not cover, and remove the power supply as soon as the charging is complete!

2.3 Turn the camera on and off
2.3.1 Long press [POWER] to turn on the camera, long press [POWER] to turn off the camera.
2.3.3 To save power, if the camera is not used for a long time, the screen will automatically turn off after 1 minute, and it will automatically shut down after 3 minutes by default.

2 Prepare before use

2.4 Switch the working mode

Switch camera working mode. Press [OK], mode options will pop up at the bottom of the screen, press [LEFT] / [RIGHT] to switch modes, and press [OK] to confirm.
Video mode: Display the [ ] icon, at this point you can record a video.
Photo mode, including the following multiple scenes.
Landscape mode: Display the [ ] icon, used in landscape scenes.
Sport Mode: Display the [ ] icon, used in sport scenes.
Beach Mode: Display the [ ] icon, used in beach scenes.
Backlit portrait mode: Display the [ ] icon, used in backlit portrait scenes.
Photo mode: Display the [ ] icon, used in general scene use. This mode is recommended.
Portrait mode: Display the [ ] icon, used in portrait scenes.
Night Landscape Mode: Display the [ ] icon, used in night or low-light scenes.

2.5 Connect to the Computer

Connect your computer to transfer files, watch videos and photos.
2.5.1 Connect the camera to the computer by using a USB cable. Turn on the camera and the screen prompt "Charge/Charge and Transfer/Webcam" indicates a successful connection.
2.5.2 Press [UP] / [DOWN] to select "Charge and Transfer", and press [OK] to confirm. When the computer shows "Removable Disk", it can be used as a USB drive.
2.5.3 Select "Webcam" and press [OK] to confirm that the camera can be used as a PC Camera.
When "Webcam" is selected, download and install the corresponding driver software on your PC.

2.6 Zoom

This device supports digital zoom. Press [T] to zoom in and [W] to zoom out.

3 Photo Mode

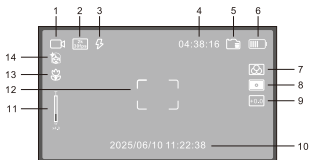This mode is used for taking photos or setting the parameters of the photos.
It is recommended to use the default settings if you are not familiar with the camera.
When you turn on the camera and enter the photo mode, the screen will show as
follows:

1 Photo mode indicator	2 Photo resolution indicator	3 Flash indicator
4 Remaining photo count indicator	5 Memory card indicator	6 Battery level Indicator
7 White balance indicator	8 Color Indicator	9 Metering indicator
10 Exposure indicator	11 Sensitivity indicator	12 Date and time indicator
13 Zoom indicator	14 Focus indicator	15 Macro indicator
16 Beauty indicator		

Test shot
Hold the camera firmly and adjust the shooting angle, then lightly press and hold
[PHOTO] to focus. When you hear a beep indicating that the focus is complete,
heavily press [PHOTO] to take the photo, and the file will be automatically saved to
the memory card.

In photo mode, set the photo parameters and functions as follows.
Press [MENU] and options will pop up at the bottom of the screen. Press [LEFT] /
[RIGHT] to move the menu, press [UP] / [DOWN] to move the sub-menu, and press
[OK] to save and exit the menu. If you do not save the options, press [MENU] to
exit the menu.

3 Photo Mode

3.1 Color
Take photos with special color effects.
Press [MENU], in the "Colors" menu, press [UP] / [DOWN] to select the options,
and press [OK] to save.

3.2 Metering Mode
Press [MENU], press [RIGHT] to move to "Metering Mode", press [UP] / [DOWN]
to select options, and press [OK] to save.

3.3 Image Size
Set the resolution of the photo. The higher the resolution, the larger the file and the
more storage space it takes.
Select the "Image Size" menu option and press [OK] to save.

3.4 White Balance
Select the option from the "White Balance"menu and press [OK] to save.

3.5 ISO
Set the ISO of the photo and recommend automatic mode.
Select the option from the "ISO" menu and press [OK] to save.

3.6 Exposure
Adjust the exposure (EV) of the photo. The higher the EV value, the brighter the
photo; conversely, the darker the photo.
Select the option from the "Exposure" menu and press [OK] to save.

> (i) Adjusting this feature doesn't work when the ambient brightness is low.

3.7 Face Beauty
Select the option from the "Face Beauty" menu and press [OK] to save.

3.8 Continuous Shot
Set the number of photos taken each time.
Select the option from the "Continuous Shot" menu and press [OK] to save.

3.9 Date Imprint
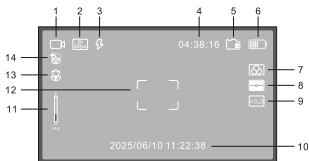Set whether the photo shows a time and date watermark.
Select options from the menu and press [OK] to save.

4 Video mode

For recording a video, set the parameters for recording mode. All operations in this chapter are in video mode.
Press [OK], press [RIGHT] to move to video mode, press [OK] to confirm to enter video mode, the screen will show as follows:

1 Video mode indicator	2 Video resolution indicator	3 Flash indicator
4 Recordable time indicator	5 Memory card indicator	6 Battery level Indicator
7 Color Indicator	8 Metering indicator	9 Exposure indicator
10 Date and Time indicator	11 Zoom indicator	12 Focus indicator
13 Macro indicator	14 Beauty indicator	

Record a video
Hold the camera firmly and adjust the angle, press [PHOTO] to start recording, the red dot on the screen flashes, press [PHOTO] again to end shooting.The recorded files are automatically saved to the memory card.

In video mode, set the parameters and features as follows.Press [MENU] and options will pop up at the bottom of the screen. Press [LEFT] / [RIGHT] to move the menu, press [UP] / [DOWN] to move the sub-menu, and press [OK] to save exit the menu. If you do not save the options, press [MENU] to exit the menu.

4 Video mode

4.1 Color
Use special color effects when recording. Press [MENU] to pop up the menu. In the "Color" menu, press [UP] / [DOWN] to select the option, and press [OK] to save.

4.2 Metering mode
In the menu, press [RIGHT] to select "Metering Mode", press [UP] / [DOWN] to select the option, and press [OK] to save.

4.3 Movie Size
The higher the resolution, the larger the video file and the more storage space it takes up. Click [RIGHT] to select "Movie Size", click [UP] / [DOWN] to select options, and click [OK] to save.

4.4 Exposure
Press [RIGHT] to select "Exposure", press [UP] / [DOWN] to select the option, and press [OK] to save.

4.5 Date Imprint
Click [RIGHT] to select "Date Imprint", click [UP] / [DOWN] to select the option, and click [OK] to save.

4.6 Face Beauty
Press [RIGHT] to select "Face Beauty" Press [UP] / [DOWN] to select the option and press (OK) to save.

5 Playback Mode

When the camera looks back at photos or videos, actions such as deleting can also be done.

5.1 Playback photos or videos
5.1.1 Press [Playback] to switch to playback mode when the screen shows a video or photo, and press [LEFT] / [RIGHT] to turn the page.
5.1.2 Select the video file, press [OK] to play, and press [OK] again to stop. During playback, the button function is as follows:
[LEFT] : Rewind. [RIGHT] : Fast forward
[UP] : Turn up the volume. [DOWN] : Turn down the volume

5.2 Deleting Files
5.2.1 In playback mode, press [MENU] to pop up the menu. Press [LEFT] / [RIGHT] to select "Delete", and press [UP] / [DOWN] to select: Delete One/Delete All.
5.2.2 Press [OK] to pop up the dialog box, and press [UP] / [DOWN] to confirm the operation: Yes/No. Press [OK] to execute and exit the menu.

> (i) Files deleted cannot be restored. Please operate with caution. The deletion operation cannot delete locked files.

5.3 Protecting Files
Protect videos or photos and remove file protection.
5.3.1 In playback mode, press [MENU] to pop up the menu.
5.3.2 Press [RIGHT] and select "Protect" to select: Protect One/Protect all/Reset.
5.3.3 Press [UP] / [DOWN] to select the option and press [OK] to perform the operation.

> (i) Protect One: Lock the current video or photo.

6 System Settings

Set the system parameters of the camera, such as date and time, language, operation sounds, light source frequency, etc.
In Video/Photo/Playback mode, press [MENU] to bring up the system menu. Press [RIGHT] to move the options to the settings menu, press [UP] / [DOWN] to select the options, and press [OK] to enter the sub-menu. Press [MENU] to abandon saving and go back to the previous level. After setting up, press [MENU] to exit the system menu.

6.1 Connect to Wi-Fi
The camera can connect to the phone via Wi-Fi and operate the camera in the APP. The camera Wi-Fi cannot access the Internet.
6.1.1 Press [MENU] to bring up the system menu, press [RIGHT] to move to the Settings menu, press [OK] to enter the Wi-Fi option, select "On", and press [OK] again to wait for Wi-Fi to turn on.
The camera screen shows: SSID (hotspot name) : F08-ARE-xxxxxxxx,PW (password) :12345678, and a QR code is shown in the upper left corner.
6.1.2 Scan the QR code with your mobile phone, download the Lercenker APP and install it on your mobile phone.
6.1.3 Open the WiFi Settings on your mobile phone and search for WiFi devices. In the device list, find the camera: F08-ARE-xxxxxxxx and click Connect.
6.1.4 Enter the password "12345678" and complete the connection. Open the Lercenker APP and you can use it. Please follow the instructions on your phone and APP.
6.1.5 After use, press [RIGHT] to select "WiFi Off" and short press [OK] to turn off WiFi.

> (i) The camera only supports Wi-Fi point-to-point connections and does not have access to the Internet.
> Wi-fi may not work when the camera is low on power.

6.2 Frequency
Set the light frequency of your camera to avoid flickering in a lit environment, see local power standards.Select the option from the "Frequency" menu and press [OK] to save.

6 System Settings

6.3 Sound Settings
Turn on and off camera operation sounds.
Select the option from the "Sound Settings" menu and press [OK] to save.

6.4 Languages
Choose the appropriate system language.
Select the option from the "Language" menu and press [OK] to save.

6.5 Date & Time
Set the system date and time.
6.5.1 In the system settings menu, press [UP] / [DOWN] to select "Date & Time", and press [OK] to enter the sub-menu
6.5.2 Hover the cursor over "Date and Time Format" and press [UP] / [DOWN] to adjust the format. Press [LEFT] / [RIGHT] to move the option, press [UP] / [DOWN] to adjust the number, and complete the setting of each option in sequence. Press [OK] to save and go back.

6.6 Auto Power off
Enable the auto-shutdown function. When the camera is not in use for a certain period of time, it automatically shuts down to save power.
Select the option from the "Auto Power off" menu and press [OK] to save.

6.7 LCD Brightness
Select LCD brightness, press [OK] to enter, select options, press [OK] to save.

6.8 Format
Format the memory card.
6.8.1 Select "Format" and press [OK] to enter the sub-menu.
6.8.2 Select whether to format: Yes/No. Select "Yes" and press [OK] to perform the formatting. It will return automatically after the formatting execution is completed.

> (i) Formatting will delete all files, and files that have been deleted cannot be recovered, please use with caution.

6.9 Reset
If incorrect settings cause the camera to work abnormally, use this feature to restore the camera to factory default settings.
6.9.1 Select "Reset" and press [OK] to enter the sub-menu.
6.9.2 Select: Yes/No. Select "Yes", press [OK] to execute. It will return automatically after execution is completed.

6.10 Firmware Version
Check the firmware version of the camera. Select "Firmware Version", press [OK], and the screen will display the firmware version information of the camera.

7 Technical Specifications

Image sensor	CMOS sensor, up to 64 million pixels (interpolation)
Storage media	Supports memory cards up to 256GB
Sensitivity	Auto, ISO100, ISO200, ISO400, ISO800, ISO1600
Lens	F/1.8 f=4.0mm, focus range: Macro: 70mm ~ 200mm; Normal: 30cm ~∞
Photograph	Format: JPG Resolution:5M/8M/12M/16M/21M/36M/48M/64M
Video clip	Format: MOV, H.264 Resolution: 5K/ 10fps,4K/30fps, 2K/30fps, 1080P/60fps, 1080P/30fps
Zoom	Digital Zoom
White balance	AWB/Daytime/Cloudy/Tungsten Lamp/fluorescent
Exposure compensation	-3.0 EV to +3.0EV
Computer interface	USB2.0 (High speed)
Liquid crystal screen	2.8-inch IPS high definition screen
Microphone	Built-in
Speakers	Built-in
Battery	Built-in,1500mAh polymer battery
Working power supply	DC 5V/1.5A
Language	English, Simplified Chinese, Traditional Chinese, Japanese, French, German, Italian, Spanish, Portuguese, Korean
Size	103 (L) ×64 (H) ×26 (W) mm
Weight	119±5g

8 Common Faults and Solutions

Problems occur	Possible causes	Solutions
Can not turn on the camera	Low battery	Charge the battery
Suddenly black screen	Power saving function enabled/Low battery	Restart/Charge the battery
Unable to record or take photos	The memory card is not formatted The memory card is too slow Memory card write protection	Format the memory card Replace the memory card with a U3 or higher one Remove write protection
Unclear photos	The lens is dirty or has foreign objects	Clean the lens with a special soft cloth to keep it clean
Prompt memory card error	Memory card protection The format of the memory card is incorrect/The memory card is damaged	Remove the memory card protection. Replace the memory card with a qualified one and format it
Freeze at work	The memory card is unqualified	Replace the memory card with a qualified one
Photo/video color disorder	Wrong Settings for parameters such as white balance/effects/exposure	Set the parameters correctly. If you don't know the Settings, restore them to factory Settings
Connection to the computer is abnormal	The USB cable is damaged or connected incorrectly	Reconnect or replace the USB cable
Play stuttering on your computer	Low computer configuration	Use a computer that meets your requirements. Copy the file to your computer before playing.
The WiFi distance is short.	There may be electromagnetic interference in the environment	Use in areas where electromagnetic interference is minimal
WiFi is intermittent	There may be electromagnetic interference in the environment	Use in areas where electromagnetic interference is minimal
Lag when playing videos on the APP	The video file is too large and the buffering time is long	Download the video to your local album and play it

8 Common Faults and Solutions

◇ Images are for reference only. In case of product updates, please refer to the actual item.

◇ To enhance user experience, the APP may be upgraded. Please refer to the actual situation for use.

◇ We reserve all rights in this manual. No unit or individual may reproduce or distribute it without our consent.

FCC Warning Statement: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

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.

FCC Radiation Exposure Statement

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