Digital Camera

DC205

User Manual

CE RoHS FC

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Before Use

- **Usage Guidelines**

1. Before using this camera, please read the user manual thoroughly.
2. Due to camera updates and upgrades, there may be slight differences between the camera's physical appearance and the user manual. Please refer to the actual product.
3. Before inserting or removing a memory card, please ensure that the camera is turned off.
4. For new memory cards or those previously used in other cameras, please format them via this camera before your first use.
5. Avoid using the camera in environments with excessive dust, sand, or water to prevent their ingress.
6. Usage in extremely cold or hot environments is not recommended.
7. When attaching or detaching external accessories such as flash to the hot shoe, ensure that the power is turned off, and verify that the accessory is securely attached to the camera.
8. Clean the camera with a cloth or damp tissue if it becomes dirty. Use a lens cleaning cloth for the lens and screen.
9. When not in use, remove the battery from the camera and store it in a cool, dry place.

- **Safety Precautions**

Improper handling of the battery may result in battery rupture, fire, chemical burns, and other hazards. Please adhere to the following precautions:

1.Do not disassemble the battery.

2.Avoid squeezing, exposing, or subjecting the battery to impacts or gravity, such as hammering, dropping, or stepping on it.

3. Prevent metal objects from contacting the battery terminals to avoid short-circuiting.

4. Do not expose the battery to temperatures exceeding 60°C (140°F), such as direct sunlight in a car.

5. Do not incinerate the battery.

6. Avoid direct contact with damaged or leaking lithium-ion batteries.

7. Use the original charger or a compatible charger to charge the battery.

8. Keep the battery out of reach of children.

9. Store the battery in a dry place.

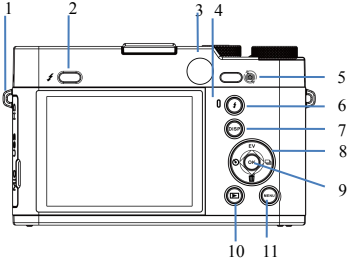
10. When replacing the battery, use an original or equivalent type of battery.

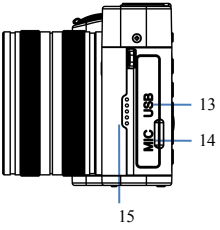
11. Please follow the instructions in the manual to properly dispose of used batteries.

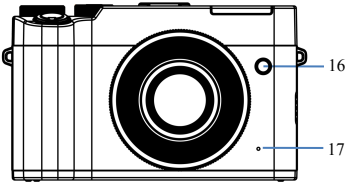
- **The Micro SD Card**

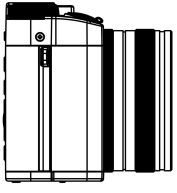
This camera supports 4-256 GB, compatible with Class 10 or U1.

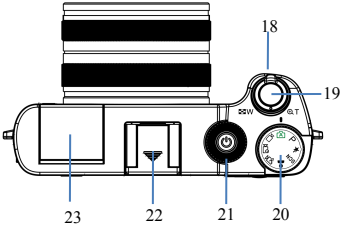
Product Description

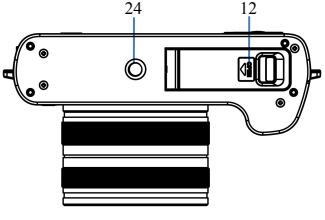












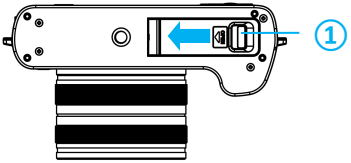
No.	Item	Description
1	Lanyard Hole	/
2	LED Light Button	Pop-up flash
3	Selfie Camera	Used for selfies
4	Indicator Light	Blue light indicates working status; red light indicates charging status (Red light stays on when connected to charger; red light goes off when battery is fully charged)
5	Lens Switch Button	Switch between front and rear Lens
6	Flashlight Button	Flashlight Mode Selection: Turn off flash ( ) / Turn on fill light ( ) / Auto flash ( ) / Forced flash ( ) (Need to press the LED Light Button to turn on the LED light before selecting flash mode)
7	Screen Display Button DISP	On-screen information switch
8	Up Button EV Down Button Left Button Right Button	Up Button: Move up; select exposure compensation Down Button: Move down; quick deletion Left Button: Move left; timer selfie mode Right Button: Move right, photo burst mode
9	OK Button OK	Confirm menu selection; play or pause video
10	Playback Button	Open playback mode to view captured photos and videos
11	Menu Button MENU	Open settings menu
12	Battery Latch	Location for installing battery and storage card
13	USB Port	Connect data cable / charging cable

14	MIC Port	Connect external microphone
15	Speaker Hole	/
16	AF Assist Light	In the menu settings, find AF Assist Light and select Auto. In photo mode, the LED assist light will be automatically turned on in low-light conditions to assist with focusing.
17	Built-in Microphone Hole	Audio pickup (do not cover this hole when shooting videos to avoid noise or turn down volume)
18	Zoom Lever	Control lens zoom, adjust focus distance; zoom out (W) / zoom in (T) photos (when viewing photos); turn down (W) /turn up (T) volume (when playing videos)
19	Shutter Button	Take photos: half-press to focus, fully press to take a photo; Record videos: half-press to focus, fully press to start/stop recording
20	Mode knob	Rotate the dial to quickly switch shooting modes: Smart Shooting, Program Exposure, Special Effects, Scene Mode, Portrait, Slow Motion Recording, Time-lapse Recording, Video Recording
21	Power Button	Short press to power on, long press for 3 seconds to power off
22	Hot Shoe	To install external camera accessories
23	LED Light	/
24	Tripod Interface	Interface for installing tripod support

Battery/Micro SD Card Installation

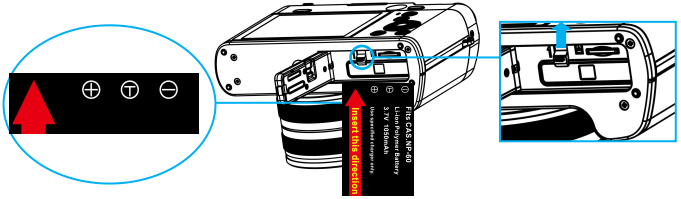
- **Open the battery cover**

Please push the cover(①) as shown below to unlock



- **Install battery**

Please insert the battery as shown below until the battery is locked. Please note that incorrectly inserted batteries will not be able to be locked



- **Remove the battery**

Push the battery lock lever and the battery will pop out automatically.

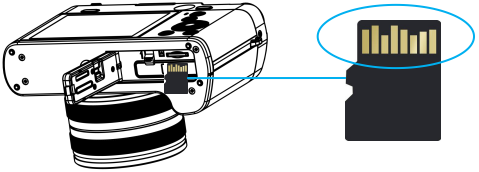
- **Install Micro SD card**

Please insert the card as shown in the picture and keep pressing until the card is locked.

If you need to remove the micro SD card, keep press it to unlock.

Please Notice:

1. This camera supports 4-256 GB, compatible with Class 10 or U1.
2. For first time use, please format the Micro SD card once in the camera.

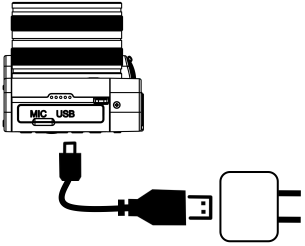


Battery Charging

1. Insert the battery into the camera.
2. Use the USB cable (Type-C) to connect the camera to the power supply adapter.
3. Charging indicator：

Red light on: charging is in progress.

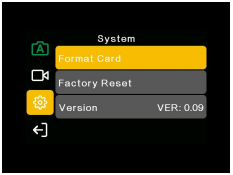
Red light off: the battery is full and needs to stop charging.

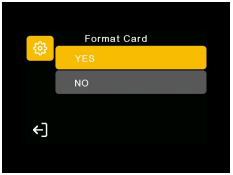


Micro SD Card Formatting

1. This camera supports Micro SD Card （4-256 GB）, compatible with Class 10 or U1.
2. After turning on the camera, please click the "MENU"(MENU) button to menu setting, then press the "right" key ( ) to select "System"
3. After enter "System" setting , Press the "Up" key (EV) to find the "Format Card" .

(A)





(B)

Turn on LED light

1.Press the LED Light Button ( ) to turn on the LED light.
2.When the LED light is not needed, simply press down on the LED light to turn it off.
3.The camera flash is initially set to the off mode. Press the Flashlight Button ( ) to switch into the flash mode.

( ) Turn off flash	No flash is used when taking photos under any circumstances.
( ) Auto flash	In low light conditions, the built-in flash automatically activates when taking photos.
( ) Forced flash	The built-in flash is always activated for flash photography, regardless of lighting

	conditions.
(⚡) Turn on fill light	The LED light remains on to provide continuous fill light.

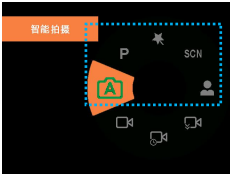
Basic shooting operations

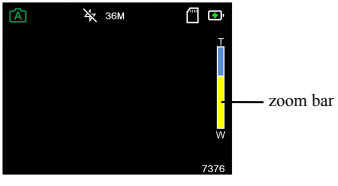
● **Taking photos**

1. Press the Power Button (⏻) to power on the camera, then rotate the Mode knob (⚙) to enter the shooting mode selection interface. Switch to the desired photo mode (Smart Shooting / Program Exposure / Special Effects / Scene Mode / Portrait).

2. Half-press the Shutter Button (◯) to initiate autofocus, indicated by a green frame appearing on the screen. Fully press the Shutter Button (◯) to take the

photo.





3.You can control the Zoom Lever ( ) by sliding the zoom bar on the right side of the camera shooting interface to adjust the zoom.

Move the lever towards the (T) direction: Decreases the lens angle for telephoto zoom, increasing the camera's focal length.

Move the lever towards the (W) direction: Increases the lens angle for wide-angle zoom, reducing the camera's focal length.

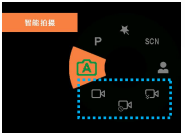
● **Taking videos**

1. Power on the camera, then rotate the Mode knob ( ) to enter the shooting mode selection interface. Choose the video mode (Video Recording / Time-lapse Recording / Slow Motion Recording).

2. Half-press the Shutter Button ( ) to initiate autofocus, indicated by a green frame appearing on the screen. Fully press the Shutter Button ( ) to start recording.

3. You can adjust the zoom using the Zoom Lever ( ).

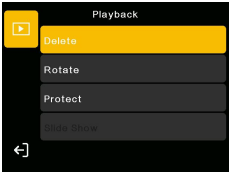
4. Fully press the Shutter Button ( ) again to stop recording.



● **Introduction to playback mode**

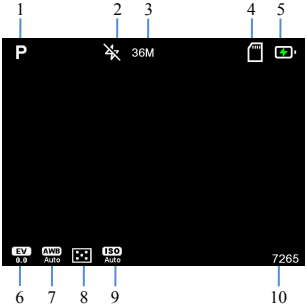
1. After the camera is turned on, press playback button ( ) to enter playback mode. You can browse the photos by pressing the left and right button.

2. Press the playback button (▶) to exit.
3. View photos: Turn the zoom knob to zoom in or out.
4. View video: Press OK button (OK) to play the video, press again to pause the video.
5. File information: When browsing photos or videos, press DISP key (DISP) to show the related information of the photo or video, and press DISP key (DISP) again to hide the information.
6. Delete File: When viewing a photo or video, press the Down button (🗑) to quickly delete the file.



Shooting Basic Icons

Example: Program Exposure Mode screen icon



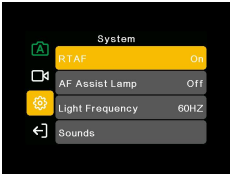
No.	Icon	Description
1	Shooting mode	Shooting mode by default. Turn the mode knob to switch modes
2	Flash Mode	Press the flash button to switch flash modes: off/fill-in/auto flash/forced flash (flash needs to be lifted up to open before operation)
3	Pixel/Image Size	Photo pixels or video resolution of the current shooting setting
4	Memory card	Installed or not
5	Battery status	Battery is charging or battery level is showed
6	Exposure Compensation	Current Exposure Compensation Value
7	White Balance	White Balance by default

8	Metering modes	Metering mode by default: center/multi/spot
9	Sensitivity	Current Sensitivity
10	Available space	The number of pictures that can be taken in the camera's current memory or the number of hours available for video recording

Basic Camera Settings

- **System setup**

System settings: Power on ( ) >> Menu Button (MENU) >> Playback Button ( ) >> .

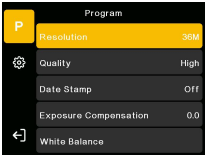


Network	Off/On: You can turn on the camera's WIFI signal source, and the camera screen will display the WIFI name and password.
Real-time focus	Off: Real-time focus will turn off and you need to half-press the focus button for the lens to focus; On: Real-time AF, the camera can automatically adjust the focus according to the real-time state of the subject (motion or

	motionless), suitable for shooting when the subject is constantly switching between motion or stillness.
AF assist lamp	Off; Auto: In darker environments, the assist lamp will automatically turn on when focusing
Optical frequency	50 Hz/60 Hz
Sound Setting	Sound Switch Setting
Date and time setting	Left or Right buttons can switch year/month/day/hour/minute; Up or Down buttons can adjust the date and time figures
Time type	yy/mm/dd, mm/dd/yy, dd/mm/yy
Auto Power off	can be selected to automatically power-off after 1/3/5 minutes
Language	Multi-language
Formatting	Formatting the memory card for the first time before use
Reset to Factory Defaults	Reset the camera to its default settings
Version	Display the number of the device version

- **Photo Settings**

To enter the photo setting: Mode knob>>Photo Mode>>Menu Button (MENU)>>Photo Setting

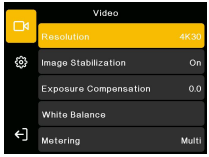


Example: P mode photo setting

Pixels	64M ; 56M ; 48M ; 36M ; 24M ; 20M ; 16M ; 12M ; 8M ; 5M
Image quality	High/Medium/Low
Time watermark	Off/Date/Date And Time
Exposure compensation	EV-2.0~EV+2.0
White Balance	Auto/Daylight/Overcast/Incandescent/ Fluorescent(H)/Fluorescent(L)
Metering modes	center/multi/spot
Sensitivity	Auto/100/200/400/800/1600/ 3200
Interval Timer Shooting	Off/3s/5s/10s/30s/1min
Interval shooting duration	Unlimited/5min/10min/15min/20min/ 60min

- **Video settings**

To enter the video setting: Mode knob>>Recording mode>>Menu button (MENU)>>Video setting.



Example: P-mode video setting

Image size	5K 30FPS ; 4K 30FPS ; 2.7K 30FPS ; 1080P 120FPS ; 1080P 60FPS ; 1080P 30FPS ; 720P 120FPS ; 720P 60FPS ; 720P 30FPS
Anti-shock	On/Off
Exposure compensation	EV-2.0~EV+2.0
Time watermark	Off/Date/Date And Time

8 Shooting Modes

- **Switching shooting modes**

After powering on, turn the mode knob to select one of the eight shooting modes

The mode that needs to be switched:

Smart shooting, programmed exposure, special effects, scene modes,Portrait, Scenery, Slow Motion Recording, Time-Lapse Recording

- **Introduction**

1. Smart shooting

The camera determines and sets the appropriate values to ideally capture images of any object.

2. Programmed exposure

You can set your own exposure, white balance, metering mode, sensitivity, etc. for shooting.

3. Special effects

A variety of effects can be set for shooting: natural, vivid, black and white, negative, nostalgia, warm tones, cool tones, high contrast, red, green, blue.

4. Scene mode

You can shoot with preset settings according to the scene: sports, food, sunset, night Scenery, back lighting, fireworks.

5.Portrait

Portrait Mode creates vivid images by focusing on the human figure to clearly express portrait features.

6.Slow motion video recording

In slow motion recording mode, press the shutter release button to start slow motion recording, the camera will shoot at a film speed higher than the normal frequency, moving objects will leave a moving image on the video when exposed, and its video duration will be longer, the movement of the motion during video playback will be slower than the actual situation.

7.Time-lapse video recording

In time-lapse recording mode, set the interval (1 second/ 3 seconds/5 seconds/10 seconds/30 seconds/1 minute) and duration (unlimited/5 minutes/10 minutes/15 minutes /20 minutes/60 minutes, press the shutter release button, the camera will record a video with an interval of 1 second, 3 seconds, 5 seconds, 10 seconds, 30 seconds or 1 minute according to your settings in the duration of the Video. Time-lapse recording is a technique that compresses the recording time to make it shorter, i.e., turning a long video into a short, fast-motion video. To stop time-lapse recording, press the camera button again.

8. Video recording

In video mode, press the shutter button to start the recording, and finish the video to press fast again the shutter button.

Access to App

- **Installing the App**

1. For Android users, please search and install "iSmart DV2" app from Google Play.
2. For iPhone users, please search and install "iSmart DV2" app from the App Store.

- **Connecting to WIFI**

1. After the camera is powered on, long press the Menu Button (MENU) for 3 seconds to open WIFI signal source of the camera. The camera screen will display the WIFI name and password.
2. Open the WIFI settings on your smartphone or tablet, find the camera's WIFI name "5K-XXXXXX", click to connect, and enter the camera's WIFI password.

- **Using the App**

1. After successful WIFI connection, users can use the app to preview, browse the camera's photos and videos, and download files from the camera to the smartphone or tablet for sharing. The app also allows for remote control.
2. Before using the app, please set the camera's video resolution to

2K or below. If the video resolution is set to 5K, the files may be too large to transfer, and the app may not function properly.

3. Before downloading files to your phone, please ensure that your phone has enough space and speed to play the files. Otherwise, videos may not play smoothly.

Previewing with the App while Connected to WIFI

Previewing Videos and Photos on the App

● **Disconnecting WIFI**

To disconnect WIFI, simply short press the Menu Button (MENU) to turn off the camera's WIFI.

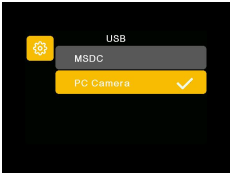
Other Features

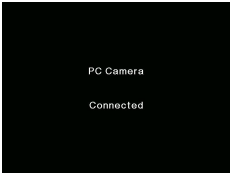
- **Front camera -- webcam**

1. Use the USB cable to connect the camera to the computer.
2. After the computer recognizes the camera, the USB interface will pop up, please select "PC Camera".
3. This camera will be automatically recognized when your computer opens social media, so please select "USB CAMERA" in the external camera settings of your social media software.
4. To exit the webcam mode, please press and hold the power button ( ) until power off.

- **Self-timer camera -- webcam**

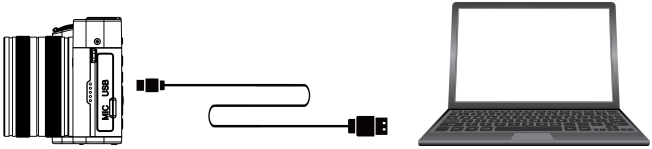
1. Please turn on the camera.
2. Press the Camera Conversion button( )to put the camera into selfie mode.
3. Use the USB cable to connect the camera to your computer.
4. After the computer recognizes the camera, the USB interface will pop up, please select "Camera".
5. This camera will be automatically recognized when your computer opens social media, so please select "USB CAMERA" in the external camera settings of your social media software.
6. To exit the webcam mode, please press and hold the power button until power off.

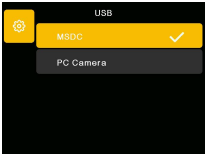




- **File uploads to computers**

1. Use the USB cable to connect the camera to your computer.
2. After the computer recognizes the camera, the USB interface will pop up, please select "MSDC".
3. Once connected, you can upload photos and videos from your camera to your computer.
4. To exit the upload, press and hold the power button( ) until it turns off.
5. You can also insert your camera's memory card into a card reader, then connect your computer with the card reader and upload the files on the card.





Parameters

Photo resolution	64M(9248×6936) ; 56M(8640×6480) 48M(8000×6000) ; 36M(6880×5160) 24M(5600×4200) ; 20M(5120×3840) 16M(4640×3480) ; 12M(4032×3024) 8M(3264×2448) ; 5M(2592×1944)
Video resolution	5K(5120×2880) 30FPS; 4K(3840×2160) 30FPS; 2.7K(2688×1512) 30FPS; 1080P(1920×1080) 60FPS; 1080P(1920×1080) 30FPS; 720P(1280×720) 60FPS; 720P(1280×720) 30FPS
Photo format	JPG
Video format	MP4
Focusing	6X optical zoom, supports auto-focus
Focusing	Focusing distance: focal length f(3.3 ~ 19.8mm), f/D F2(Wide) ~ F3.7(Tele)
Best shooting distance	Lens: Wide: 50cm to infinity, Tele: 1.0m to infinity Selfie camera: 40-150cm
Shutter speed	1/2 second to 1/3840 second
Screen Size	2.8-inch IPS HD display screen
Battery	Rechargeable Li-ion battery
USB	Type-C connector
MIC	3.5mm interface
Anti-shake	Built-in 6-axis gyroscope, support electronic stabilization
Tripod mounting holes	1/4-inch standard screw port
Inputs	5V⎓1A
Operating System	Win7/Win8/Win 10/ Win 11

Troubleshooting

Camera doesn't start after installing the battery:	Battery is low, please charge and try again.
	Battery packaging is not removed.
	Battery is inserted incorrectly, ensure proper orientation.
Unable to take photos or record by pressing the shutter button:	Memory is full, save files to another storage device.
Blurry photos:	Camera shake during capture. Keep the camera steady with both hands or use a tripod.
Dark photos or videos:	Insufficient lighting, shoot in well-lit conditions or use additional lighting.
Camera auto shuts down:	Low battery, replace with a charged battery.
	Disable auto-shutdown in system settings.
Cannot delete files from the camera:	Files are locked, disable file lock in playback settings.
Camera freezes or displays distorted screen:	Storage card format error, format the card in-camera or on a computer.
	Loose connection of the screen's connecting cable (requires repair).
Charging issues:	Battery not properly inserted, ensure proper installation.
	Clean battery metal contacts if they're dirty, then charge.
	Ensure USB charging cable and power adapter are properly connected.
	Red light staying on indicates charging, blinking red light indicates improperly inserted battery, light off indicates full charge.
	Faulty battery IC (requires repair).

FCC Warning Statement

Changes or modifications 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.

(2) this device must accept any interference received, including interference that may cause undesired operation.

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

No. DC205X\DC205(N/A HD) 250813