

Contents

English ... 1-18

Table of Contents

WARNING.....	2
CAUTION.....	2
1.Product Introduction	3
2.Operation and Usage	5
2.1 Camera Usage Steps	5
2.2 Charging	6
2.3 Turning the Camera On/Off.....	6
2.4 Video Mode	6
2.5 Photo Mode	9
2.6 System Settings	10
2.7 Touchscreen Display.....	12
2.8 Auto Focus Function	12
2.9 View and Delete Files	13
2.10 Connect Camera to Computer.....	14
2.11 WiFi App Connection.....	15
3. Technical Specifications	17
4. FAQ — Questions & Answers	17

WARNING

To reduce the risk of fire, electric shock, or injury:

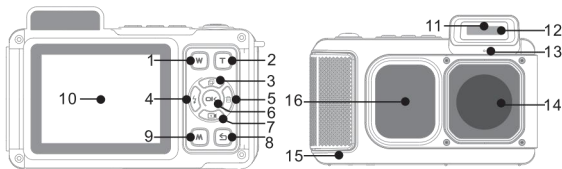
- 1 . Do not expose the device to rain or moisture.
- 2 . Do not place objects filled with liquids, such as vases, on the device.
- 3 . Do not expose the batteries to excessive heat, such as direct sunlight or fire.
- 4 . Do not swallow the batteries; this poses a risk of chemical burns. keep new and used batteries away from children. If the battery compartment does not close properly, stop using the product and keep it away from children.

CAUTION

To prevent risks related to the batteries:

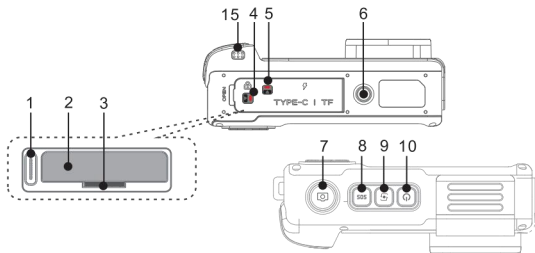
- 1 . Do not disassemble, crush, or expose the battery to shocks or forces, such as hammering, dropping, or stomping.
- 2 . Do not short-circuit or allow metal objects to touch the battery terminals.
- 3 . Do not expose to temperatures above 60°C (140°F), such as direct sunlight or in a parked car under the sun.
- 4 . Do not incinerate or dispose of in fire.
- 5 . Do not handle damaged or leaking lithium-ion batteries. keep the battery out of reach of small children and keep it dry.
- 6 . Replace the battery only with the specified type. otherwise, explosions, fires, or injuries may occur.

1. Product Introduction



No.	Name	Function Description
1	W	Zoom out
2	T	Zoom In
3		Up
		Enable continuous shooting in photo mode: 3P, 5P, Off (continuous shooting supports up to 20MP)
		Increase volume during video playback
4		Left
		Flash: Auto, On, Always On, Off
5		Right
		In the shooting interface, choose whether to delete the most recently taken file
6	OK	Confirm
		Play/Pause while viewing video

7		Scroll down
		Switch between photo and video modes
		Decrease volume during video playback
8		Return to the previous menu
		Open the media library in the shooting interface
9		Settings menu
10	Display screen	2.88-inch HD touchscreen
11	Fill light	Assistive lighting in low-light environments
12	Working light	Charging/working indicator light
13	Recording hole	Built-in microphone pickup hole
14	Lens	Photo/video viewfinder
15	Speaker hole	Playback sound
16	Small screen	2.01-inch HD screen



No.	Name	Function Description
1	type-c USB	Data transfer and charging

2	Battery slot	Install detachable battery direction specific
3	TF card slot	Install TF card - direction-specific
4	Door switch A	Compartment door lock - tight switch
5	Door switch B	Limit compartment door switch A
6	Tripod mount	For fixing and mounting a tripod
7	Shutter (2nd)	Photo/Video/Focus function
8	SOS call button	Flash strobe call status
9	Screen switch	Toggle between main screen and small screen
10	Power button	Camera power on/off button

2. Camera Usage Steps

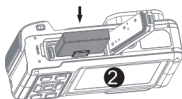
2.1 Installing the Memory Card Please format the memory card before use. Follow the steps below to insert the memory card:

1. As shown in the image below, slide both toggle switches to position 1, then open the compartment door.

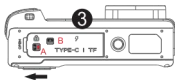
2. Insert the battery and memory card, then close the cover. First, tighten switch A, then tighten switch B, until both red strips on the switches are visible, indicating successful installation.



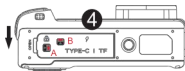
First, open switch B, then open switch A. Neither of the red strips on the switches should be visible



Insert the battery (correct orientation) and TF card

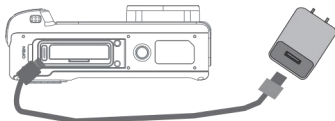


Close the door and push switch A until the red strip shows



Push switch B down until the red strip shows

2.2 Charging

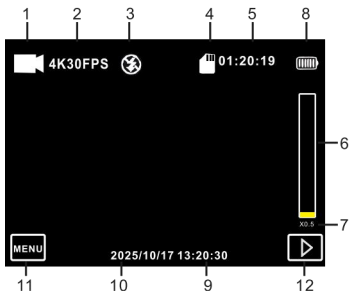


2.3 Turning the Camera On or Off

Press and hold the power button for more than 3 seconds to turn the camera on or off.



2.4 Video Mode



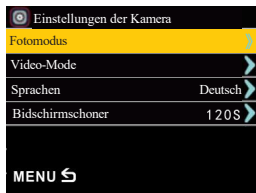
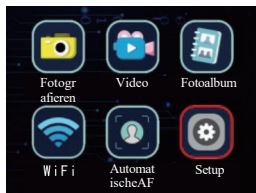
- | | |
|----------------------------|------------------------|
| 1.Video Recording Mode | 7.Zoom Ratio |
| 2.Video Resolution | 8.Battery Status |
| 3.Flash Indicator Status | 9.Current Time |
| 4.Storage Card Status | 10.Current Date |
| 5.Remaining recording time | 11.Touch Menu Icon |
| 6.Zoom Indicator | 12.Touch Playback Icon |

Video Mode Menu Settings

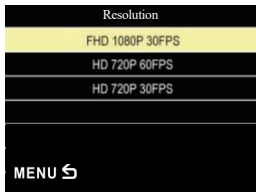
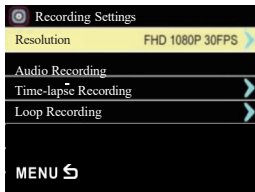
Settings Menu	Function Description
Video Resolution	8K/15fps, 6K/25fps, 5K/30fps, 4K/30fps, 2.7K/30fps, 1080P/60fps/30fps, and 720p/60fps/30fps.
Audio Recording	On/Off (can mute video recording sound)
Time-lapse Recording	Time-lapse Recording; Off/1S/3S/5S/10S/30S/60S
Loop Recording	Off/1 minute/5 minutes
Anti-shake	On/Off

Resolution Settings Example:

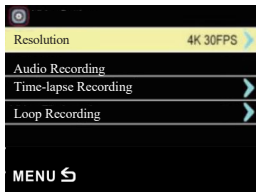
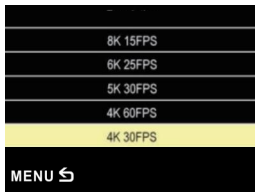
1. Press the "M button" to enter the mode menu. Use the "Navigation button" to move the cursor to the [Settings] icon, then press the "OK button" to enter the [Settings] menu.



2. Use the "Up/Down buttons" to select Video Mode, then press the "OK button" to enter the video settings menu. Use the "Up/Down buttons" to select the resolution, then press the "OK button" to enter the resolution menu.

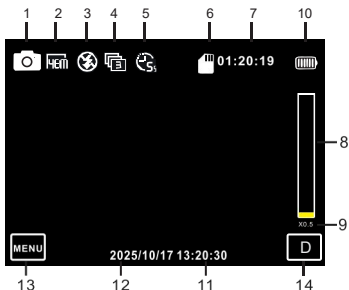


3. Use the "Up/Down buttons" to select 4K/30FPS, then press the "OK button" to confirm the selection. After confirmation, it will automatically return to the video settings menu.



4. Press the "Back button" or tap the [] icon on the screen to return to the previous menu, until you return to the shooting interface.

2.5 Photo Mode



- | | |
|--------------------------|----------------------------|
| 1.Photo Mode | 8.Zoom |
| 2.Photo Resolution | 9.Zoom Magnification |
| 3.Flash Indicator Status | 10.Battery Level Indicator |
| 4.3-Shot Burst | 11.Current Time) |
| 5.Timer Icon | 12.Current Date |
| 6.Memory Card Status | 13.Touch Menu Icon |
| 7.Photos on Card | 14.Touch Playback Icon |

Photo Mode Menu Settings:

In this mode, press the “M Button” to enter the mode menu. Use the “Navigation Buttons” to select [Settings], then press the “OK Button” to access the camera [Settings]. Use the “Up/Down Buttons” to choose the photo mode, and press the “OK Button” to enter the photo settings. Use the “Up/Down Buttons” to select the desired function, and press the “OK Button” to confirm. Once finished, press the “Back Button” or tap the screen [] until you return to the shooting interface.

Photo Menu	Menu Content
Resolution	90M. 80M. 70M. 64M. 48M. 32M. 26M. 24M. 20M. 12M. 8M. 5M
Timer Shooting	Off/ 5S / 10S / 20S
Continuous Shooting	Off/ 3-Shot Burst / 5-Shot Burst
Normal Shooting	When timer shooting and continuous shooting are activated, selecting normal shooting and pressing the OK button will turn them all off

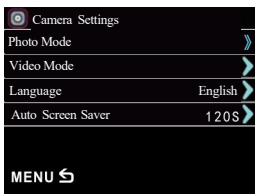
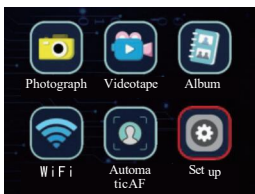
2.6 System Settings

Settings Menu	Menu Content
Language	Supports multiple languages, including English, Simplified Chinese, Traditional Chinese, Japanese, Korean, French, German, Spanish, and Russian
Auto Screen Saver	60s / 90s / 120s / Off
Auto Power Off	3 min / 5 min / 8 min / Off
Light Frequency	50Hz / 60Hz
Time Watermark	Off/ On
Date & Time	YMD / DMY / MDY – Press “Left/Right” to select, and “Up/Down” to adjust
Fill Light	Off/ Auto / High Bright / Always On
Volume	Off/ Low / Medium / High
Touch Screen	Off/ On

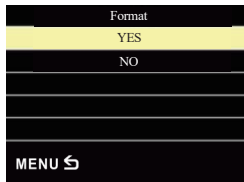
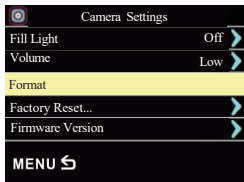
Format	Yes / No
Factory Reset	Yes / No
Firmware Version	Product Model and Version Number

Format Setting Example:

1. Press the “M” button to enter the mode menu. Use the navigation buttons to select Settings, then press the “OK” button to access the camera settings.



2. Use the Up / Down buttons to select “Format Card”, then press the “OK” button to enter the format card menu. Select “Yes”, and press the “OK” button again to confirm.



3. After formatting is completed, the system will automatically return to the camera settings menu. Press the “Back” button to exit.

Or tap [] on the screen to return to the previous menu until you exit the settings interface.

2.7 Touch Screen Mode

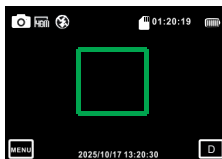
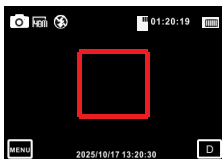
This device supports a touch-enabled display, and the touch function can be turned on or off in the camera's [Settings] menu.

It is recommended to turn off the touch function before using the camera underwater to prevent unresponsive touch control.

2.8 Auto Focus Photo Mode

The device supports three focus modes, which can be configured in the [Settings] menu under “Auto Focus” mode.

- 1.Fixed Focus Mode: Supports shooting from 50 cm to infinity. Simply press the shutter button to take a photo.
- 2.Semi-Auto Focus Mode: In this mode, press the shutter button halfway. When the focus frame changes from red to green, the focus is complete. Continue pressing the shutter button fully to capture a clear image.



3. Auto Mode: In this mode, the camera automatically focuses on the subject. When the image on the screen appears sharp and clear, press the shutter button fully to capture a clear photo.

2.9 View and Delete Files

1. In Photo or Video mode, press the Back button or tap the [] icon on the display to quickly access the Media Library. Alternatively, press the M button to open the Mode Menu, use the Navigation Buttons to select [Album], and press the OK button to enter the submenu.

In the album, use the Left / Right buttons or tap the Video or Photo icons on the screen to switch between file types. If Photo is selected, you can view the captured pictures. If Video is selected, press the OK button or tap the corresponding icon on the display to play, pause, fast-forward, rewind, or adjust the volume.

2. Use the Left / Right buttons to browse pages, and press the OK button to start or pause playback. During playback, use the Up / Down buttons to adjust the volume, and press the Playback button to stop playback.

3. (In shooting mode, you can quickly choose to delete the most recently captured file by pressing the Right / Delete button.) Press the Back button or tap the [] icon on the display to return to the previous menu until you reach the shooting interface.

When playing 8K videos on a computer, it is recommended to copy the video files to the computer for smoother playback performance.

Please refer to the following computer specifications:

It is recommended to use an Intel Core i5 9th Generation or AMD Ryzen 7 series or above processor.

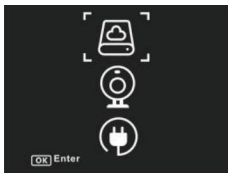
Use at least 16GB DDR4 or DDR5 memory.

Storage: A high-speed Solid-State Drive (SSD) is recommended.

Playback Software: The latest version of software that supports 8K video playback is recommended.

2.10 Connecting to a Computer

1. Use the supplied USB cable to connect the camera's Type-C USB port to the computer's USB port. The camera will power on automatically, and the available options will appear on the screen. Use the Up / Down buttons to select the desired option, then press the OK button to confirm.



In Mass Storage Mode, select “Storage Mode”, and the computer will display the camera's memory card as a drive. You can transfer files from the memory card to the computer.

PC Camera

Select “PC Camera” mode. The camera can be used as a webcam for live streaming and similar applications. Note: When the camera is used as a PC webcam, other button functions are disabled.

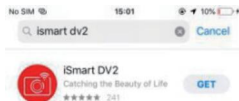
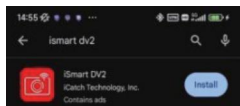
Charging Mode

Select “Charging Mode”. The camera supports recording while charging. If the power is turned off, the camera will charge faster. Use a certified DC 5V/1A or DC 5V/2A charger for charging. The battery is removable and can also be charged separately using a charging dock that meets the same voltage and current requirements.

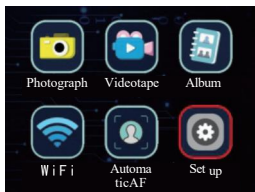
App Note: This Wi-Fi connection is only for the camera's dedicated application and cannot connect directly to the internet.

(The camera's Wi-Fi cannot access social networks; it can only be accessed through a smartphone.) Please connect within a 5-meter range in an unobstructed environment.

1. On your smartphone, search for “iSmart DV2” in Google Play or the App Store, and install the app.



2. Turn on the camera's Wi-Fi: In shooting mode, press the M button to open the mode menu. Use the navigation buttons to select “Wi-Fi”, and press the OK button to activate it. Once activated, the camera screen will display the Wi-Fi name (SSID) and password. **Note:** If no connection is established within one minute, the Wi-Fi will automatically turn off.



3. Open the Wi-Fi settings on your smartphone, find the camera's Wi-Fi name, and enter the password to connect.
4. After successfully connecting to the camera's Wi-Fi, open the "iSmart DV2" app on your smartphone, select "Add New Camera", and choose "Wi-Fi Connection" to pair the device.
5. In the app, you can adjust settings, take photos or record videos, and view or manage files.

Note: Due to hardware or performance limitations of certain smartphone models, video files with resolutions higher than the phone's supported level may not play properly in the app.

This is a normal phenomenon.

Sharing Photos and Videos to Social Media via Smartphone:

Step 1:

For Android phones: Tap the [] icon to open the album, then press and hold a photo or video thumbnail for about one second to open the selection menu. You can select multiple files and then tap the [] icon again to download several files at once.

For iOS phones: Tap the [] to open the album, then tap "Select" in the upper-left corner to choose multiple files. After that, tap the [] icon and confirm. Once loading is complete, tap the [] icon again to download the files.

Step 2:

Exit the app and go to your smartphone's gallery to view the downloaded files. Then disconnect the camera's Wi-Fi hotspot and reconnect to the internet (home Wi-Fi or mobile data) to share your photos or videos on social media.

3.Specifications

Item	Specification
Zoom Magnification	18× Digital Zoom
Display Size	2.88" + 2.01" Dual Screen
Waterproof Rating	15 m Waterproof
USB Interface Type	Type-C USB Interface
Battery Type	Removable Polymer Lithium Battery
Photo Format	JPG
Video Format	MOV

4. FAQ — Frequently Asked Questions

Problem	Solution
Cannot Charge	If the charging indicator light does not turn on, it means the charger is not properly connected or inserted. Please check whether the charger is correctly connected, or try using a new charging cable and charger
Connection Failure	Please check whether the USB data cable is properly connected. Make sure the computer's USB port is not loose
No Touch Response	Please check whether the touch function is turned off in the menu settings. Please check if there is any dirt or debris on the surface of the display

Cannot Connect to Computer	If both the data cable and the computer port are functioning properly, try connecting to another computer to verify whether the original computer is faulty
Blurry Photos	Please check whether the camera lens surface is dirty or has fingerprints. Please check if the camera's AF (Auto Focus) mode is set to manual mode
	Excessive camera shake during shooting
Wi-Fi Connection Failed	Ensure both the smartphone and the camera Wi-Fi are turned on
	Power on the devices, enable Wi-Fi, and carefully re-enter the Wi-Fi password to connect
	If the signal is weak or unstable, keep the camera and smartphone within range and minimize obstructions
Cannot Read Memory Card	Format the memory card
	Check if the memory card is properly inserted
	Try replacing it with a new card to verify
Battery Cover Stuck	Check if switch B is blocking switch A and if the red indicator on switch B is visible
	Compartment toggle switch A is not fully open

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

FCC Radiation Exposure statement

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