



VEGA H2

Digital Camera

User Manual

Firmware version: V1.02.01

Before use

Thank you for purchasing the BOSMA digital camera. To ensure the correct use of the BOSMA camera products, please read this manual first. Please strictly follow the "Safety Precautions" and "Operation Precautions" to prevent equipment damage and malfunctions.

Pre-use testing and precautions

If the camera or memory card malfunctions and prevents the recording of data such as images or the downloading of images and other data to a computer, BOSMA Company will not be held responsible for the lost images and other data, as well as the associated losses. Please understand.

Copyright

The copyright laws of some countries prohibit the unauthorized use of images recorded by this camera (or music transferred to a memory card and accompanied by images) for purposes other than personal appreciation. Additionally, it should be noted that certain public performances, exhibitions, etc. may prohibit filming, even for personal appreciation.

Safety Precautions

For the safe use of the product, please be sure to read these precautions. Please follow these precautions to prevent damage or injury to the user of the product or others.



Warning: Indicates a danger of causing serious injury or death.

- Please use only the power supply specified in this manual for the product.
- Do not disassemble or modify the product.
- Do not subject the product to strong impacts or vibrations.
- Do not touch any exposed internal parts. If the product shows any abnormal conditions such as smoke or unpleasant odors,
 - stop using it.
- Do not use organic solvents such as gasoline or paint thinner to clean the product.
- Do not wet the product. Do not insert foreign objects or pour liquids into the product.
- Do not use the product in an environment where there may be flammable gases. Otherwise, it may cause electric shock, explosion or fire.
- Do not place the lens or a camera with a lens without installing the lens cover. The lens may concentrate light and cause a fire. During thunderstorm weather, do not touch the product connected to the power socket. Otherwise, it may cause electric shock.



When using the battery, please follow the following precautions.

- Please use the battery only for the designated product.
- Do not heat the battery or expose it to fire sources.
- Do not use a charger other than the designated one to charge the battery.
- Do not expose the terminals to dust or let them come into contact with metal nails or other metal objects.
- Do not use leaky batteries.
- When handling the battery, please isolate the terminals with tape or other methods. Otherwise, it may cause electric shock, explosion or fire.
- If the battery leaks and the leaked substance comes into contact with the skin or clothing, thoroughly rinse the affected area with running water.
- If it comes into contact with the eyes, thoroughly rinse with plenty of clean water and seek medical attention immediately.

Safety Precautions



When using the power adapter, please follow the following precautions.

- Please use a dry cloth to clean all the accumulated dust on the power plug and power socket regularly.
- Do not plug or unplug the power plug with wet hands.
- Do not use the product before the power plug is fully inserted into the power socket.
- Do not expose the power plug and terminals to dust or let them come into contact with metal nails or other metal objects.
- During thunderstorm weather, do not touch the battery charger or power adapter connected to the power socket.
- Do not place heavy objects on the power line. Do not damage, break or modify the power line. Do not wrap the product with cloth or other materials when using it during the product's operation or immediately after it has been used and still has some heat.
- Do not pull out the power plug to disconnect it.
- Do not connect the product to the power source for a long time.
- Do not charge the battery in temperatures exceeding 5-40°C. Otherwise, it may cause electric shock, explosion or fire.
- During use, do not allow the product to remain in contact with the same area of the skin for a long time. Even if you do not feel the product is heating up, it may still cause low-temperature contact burns, with symptoms including redness, swelling and blistering of the skin. When using the product in a high-temperature environment or for people with circulatory problems or less sensitive skin, it is recommended to use a tripod or similar equipment.
- In places where the product is prohibited from being used, please follow the labels to turn off the product. Otherwise, it may cause other equipment to malfunction due to electromagnetic wave interference, and even cause accidents.

Note: Please abide by the following precautions. Failure to do so may result in personal injury or property damage.

- Do not place the product in high or low temperature environments. The temperature of the product may rise or drop, and touching it may cause burns or injuries.
- Do not shake the product vigorously or subject it to strong impacts.
- Do not press or collide the lens forcefully or cause it to collide with objects. Otherwise, it may cause injuries or damage to the product.
- Please install the product only on a sufficiently stable tripod.
- After installing it on the tripod, do not move the product. Otherwise, it may cause injuries or lead to accidents.
- Do not touch any parts inside the product. Otherwise, it may cause injuries.
- If abnormal reactions or inflammation occur on the skin during or after the use of this product, stop using it immediately and seek medical attention promptly.

Operating Instructions

 This camera is a precision instrument. Please do not drop it or subject it to physical impact.

- This product is not a waterproof camera and cannot be used underwater.
- To make the camera as dust-proof and water-resistant as possible, please ensure that the terminal covers, battery compartment covers, memory card slots, and all other covers are tightly closed.
- To prevent sand, dust, dirt, or water from falling onto the camera and entering its interior accidentally, try not to let dirt, dust, water, or salt fall on the camera.
- If water falls onto the camera, please wipe it clean with a clean dry cloth. If dirt, dust, or salt fall onto the camera, please wipe them off with a clean damp cloth that has been wrung out.
- Using the camera in dusty or dirty locations may cause damage to the camera.
- It is recommended to clean the camera after use. Leaving dirt, dust, water, or salt on the camera may cause camera malfunctions.
- If the camera accidentally falls into water or if you are worried that moisture (water), dirt, dust, or salt may have entered the camera, please contact your nearest product after-sales service immediately.
- Do not place this camera near objects with strong magnetic fields, such as magnets or electric motors. Also, avoid using the camera near objects that emit strong radio waves, or place the camera close to these objects, such as large antennas. Strong magnetic fields may cause camera malfunctions or damage to image data.
- Do not disassemble the camera yourself.
- Only use commercially available dedicated lens cleaning tools. Blow the dust or other components off the lens or other parts with an air blower.
- Do not use cleaning agents containing organic solvents to clean the body and lens of the camera.
- Do not touch the electronic contacts of the camera with your fingers. To avoid corrosion of the contacts, which may cause camera malfunctions.
- If the camera suddenly enters a warm room from a cold place, it may cause condensation on the surface and internal parts of the camera.
- To prevent condensation, first place the camera in a sealed plastic bag, and then wait for its temperature to gradually rise before taking it out of the bag.
- If the camera has condensation, to avoid damage, do not use the camera, remove the lens, or remove the memory card or battery.
- Please turn off the camera and wait for the moisture to evaporate completely before continuing to use it. Even after the camera has completely dried, the internal parts may still be in a low-temperature state. Do not remove the lens or remove the memory card or battery until the camera has adjusted to the ambient temperature.
- Do not use the camera directly towards the sun, as there is a risk of burning the image sensor.
- If the camera is not used for a long time, remove the battery and place the camera in a well-ventilated, dry, and shady place. Store
- During the storage period, please press the shooting or recording button several times at intervals to confirm whether the camera is functioning properly.
- Avoid storing the camera in places with chemical substances that can cause rust and corrosion, such as chemical laboratories.
- If the camera is not used for a long time, test all functions before shooting.
- After long periods of continuous shooting or capturing still images/short videos, the camera may get hot. This is not a malfunction.
- If there is a bright light source inside or outside the image area, ghosting may occur.

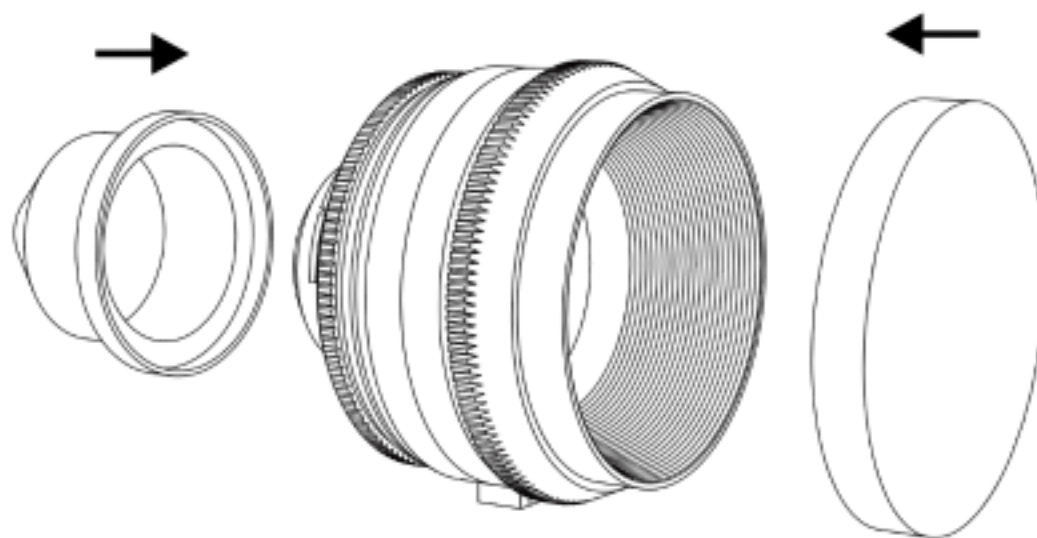
Operating Instructions

i Memory card

- To protect the memory card and the data stored on it from damage, please pay attention to the following:
- Do not drop, bend or wet the memory card. Do not apply excessive external force to it, subject it to physical impact or vibration.
- Do not touch the electronic contacts of the memory card with your fingers or any metal objects.
- Do not store or use the memory card near any items with strong magnetic fields (such as televisions, speakers or magnets).
- Also, avoid places prone to generating static electricity.
- Do not expose the memory card to direct sunlight or place it close to heat sources.
- Store the memory card in the packaging box.
- Do not store the memory card in a high-temperature, dusty or humid environment.

i The loading and unloading of the camera lenses

- After removing the lens from the camera, place the rear end of the lens upwards and install the lens cover to prevent scratches on the lens surface and electronic contacts.



*The lens is not installed on this device. Please purchase separately.

i The dirt on the image sensor

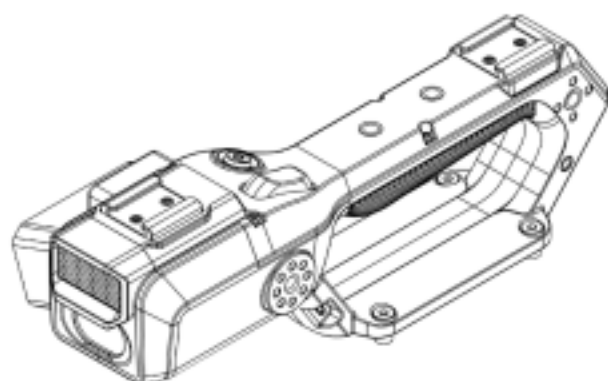
- If dust enters the camera from the outside or if there are stains on the image, please contact the product after-sales service for cleaning of the image sensor.

i Tips for using batteries and chargers

- Please store it in a well-ventilated, dry and cool place.
- When the battery is left unused for a long time, please charge it approximately once a year.
- The charging time of the battery can vary greatly depending on the environmental temperature.
- If the battery is not used for a long time, a small amount of current will continue to discharge inside the battery after it is removed from the camera. Eventually, this will lead to over-discharge and affect the subsequent use. Even if recharged, it cannot be resolved.
- This product does not come with a battery. Users need to purchase it separately.

Packaging includes

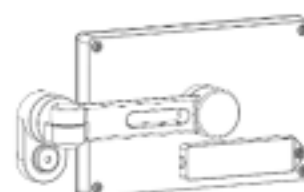
Before use, please ensure that the following items are included in the package. If any are missing, please contact the dealer.



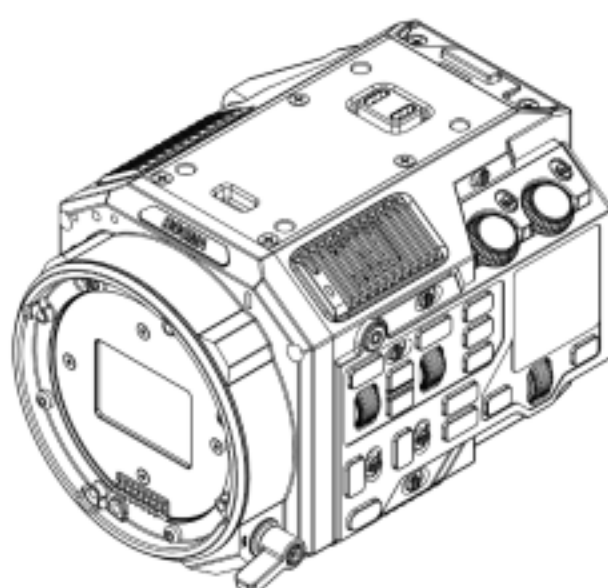
Camera Tophandle x 1



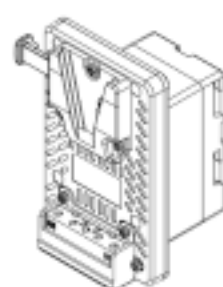
Microphone stand x 1
Installed on the tophandle



LCD touch screen x 1



Camera main body x 1



BP-U to V-Mount
Adapter x 1



SMA WiFi antenna x 1



PL mount
(Insert filter support) x 1
Installed on the body



OVND filter x 1
Installed on the
PL mount



CLEAR filter x 1



Power adapter x 1



FIZ lens control
motors x 3



15mm rod x 1



Rod adapter x 1



Type-C motor
cables x 3

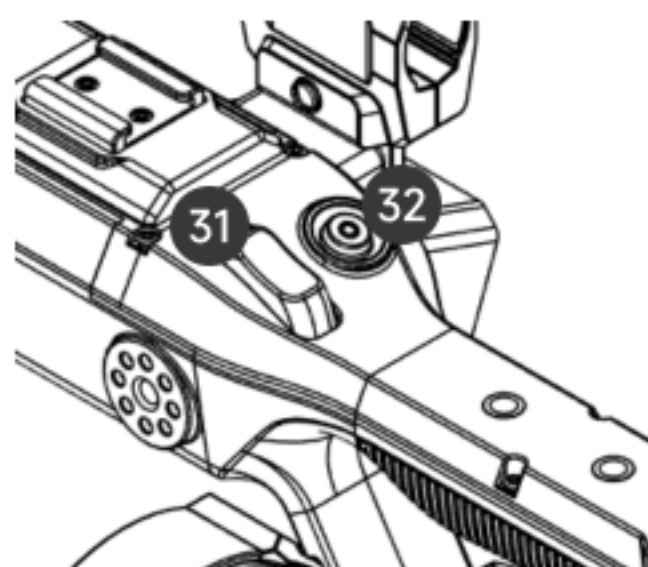
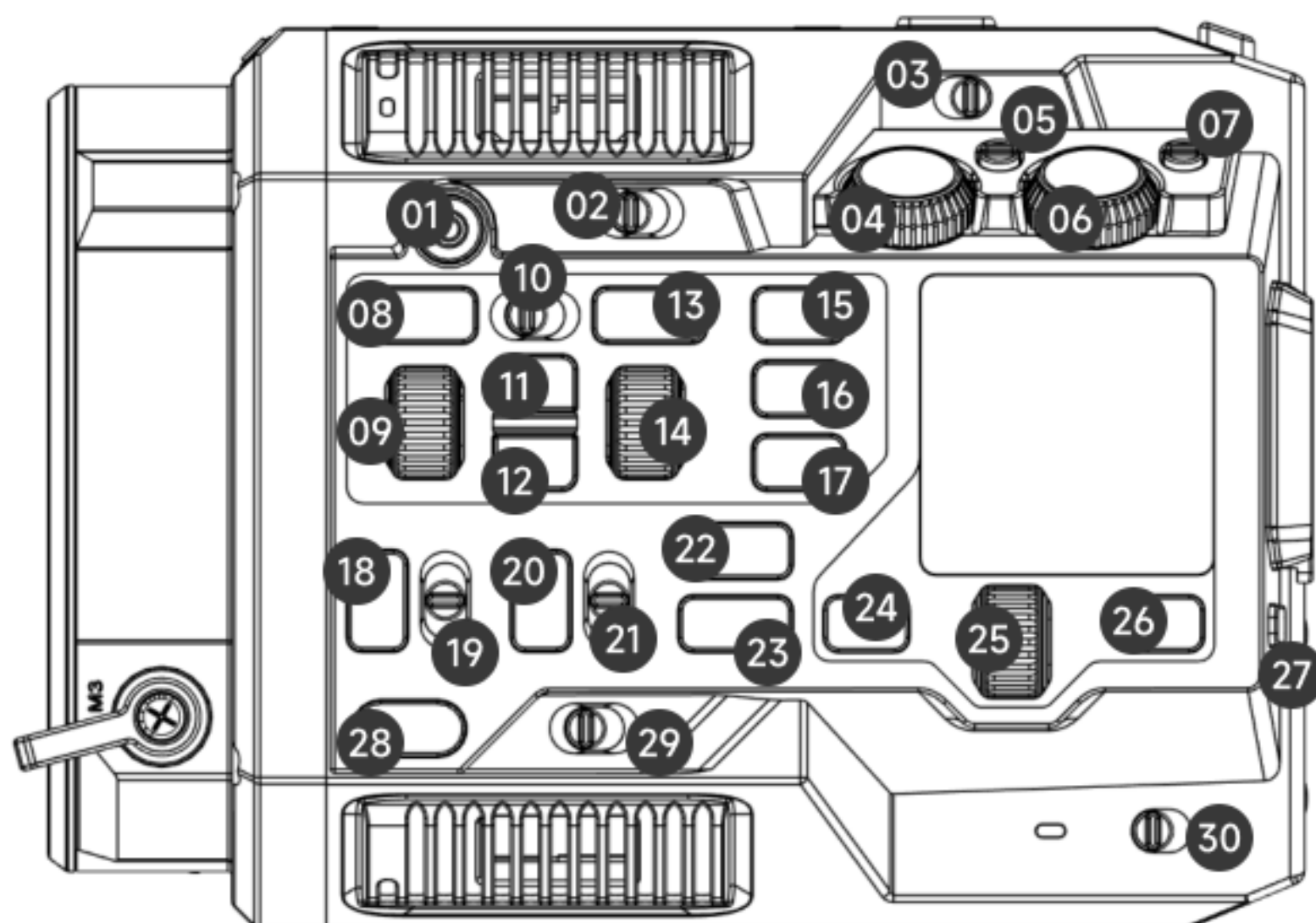
- This device has no other equipment except for the power cord.
- This camera does not come with a lens kit. Please purchase it separately.
- This camera does not come with a battery. Please purchase it separately.
- Please store the main unit and accessories in a safe place.
- There is no software CD included.



User Manual x 1

Function Description

Button function



01: Record start/stop button

02: Camera fully automatic switching lever

03: Camera operation lock lever

04: Audio CH1 manual adjustment wheel

05: Audio CH1 switching lever

06: Audio CH2 manual adjustment wheel

07: Audio CH2 switching lever

08: Aperture setting button

09: Aperture adjustment dial

10: Filter function switching lever

11: Filter level increase button

12: Filter downshift button

13: Filter setting button

14: Filter infinite adjustment dial

15: Screen display content switching button

16: Replay button

17: Audio settings button

18: ISO/gain setting button

19: ISO/gain switching lever

20: White balance setting button

21: White balance switch lever

22: Shutter button

23: Real time white balance setting button

24: Menu button

25: Multiple selector roller

26: Cancel/Return button

27: SD card switch button

28: Real time autofocus button

29: Automatic/manual focus switching lever

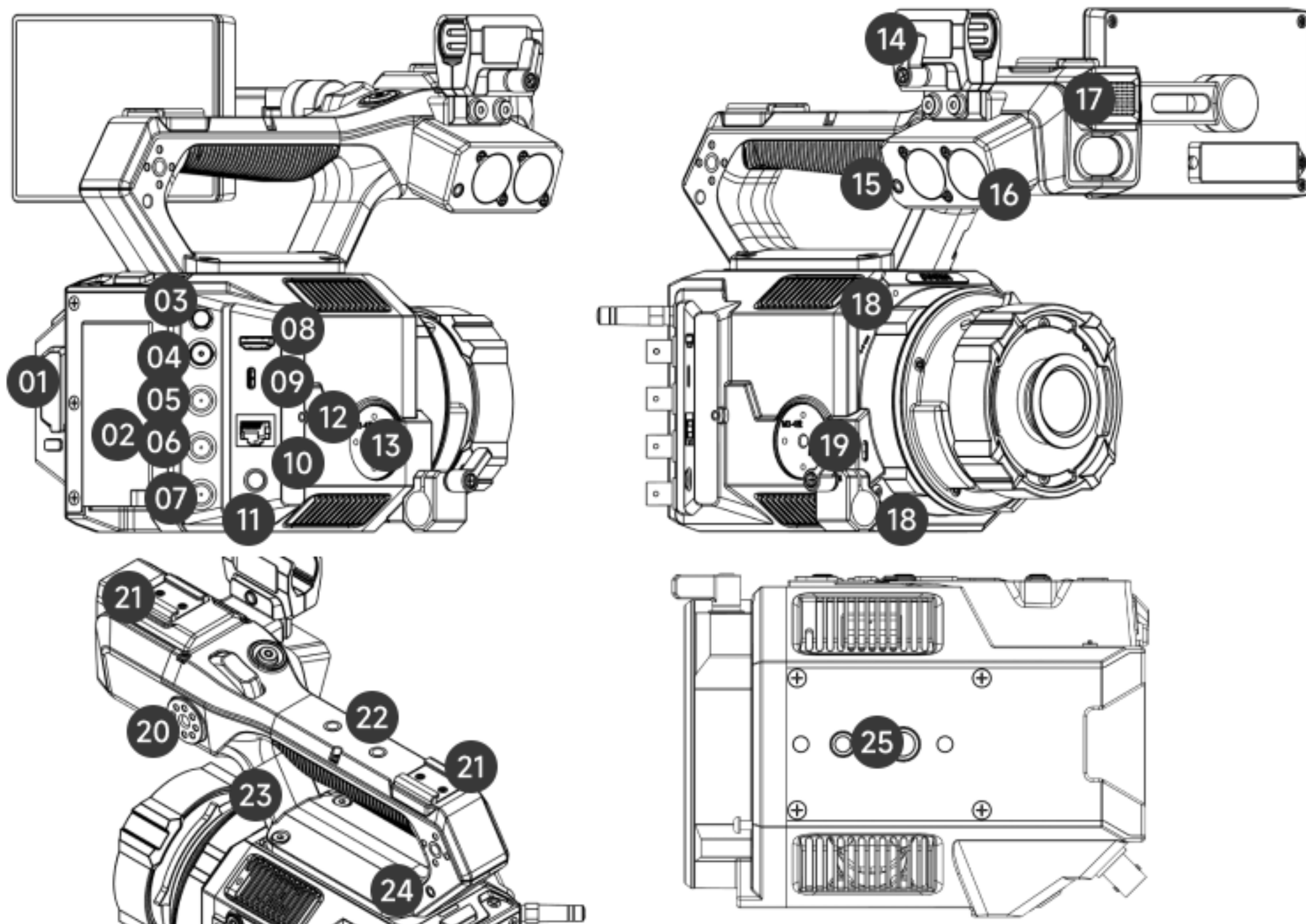
30: Camera power switch

31: Handheld ZOOM push rod

32: Pick up the recording start/stop button

Function Description

Interface Function



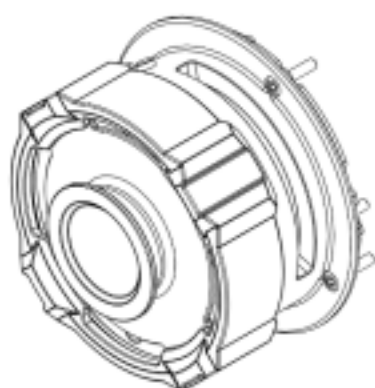
- 01: Dual SD card slot
- 02: BP-U battery installation position
- 03: Wireless network antenna interface
- 04: 12G-SDI video output interface
- 05: 3G-SDI video output interface
- 06: TIMECODE interface
- 07: GENLOCK synchronization interface
- 08: HDMI video output interface
- 09: USB data interface
- 10: Network interface

- 11: DC power input
- 12: Remote control interface
- 13: Side handle expansion interface
- 14: Microphone stand
- 15: 3.5mm audio input
- 16: XLR interface
- 17: Built in dual channel microphone in the upper hand
- 18: Installation position for conduit extension components
- 19: Motor communication interface
- 20: LCD touch screen installation interface

- 21: Expansion interface for hand-held cold boots
- 22: Portable 1/4 expansion interface
- 23: LCD touch screen interface
- 24: 3.5mm audio output
- 25: Quick installation board installation screw hole

Packaging List

The BOSMA VEGA H2 digital camera is equipped with a PL lens mount (supporting insertable filter system) as the standard configuration. An additional EF (supporting insertable filter system) / M lens mount module can be purchased and replaced using professional tools.



PL Mount



EF Mount



M Mount



B4 Mount

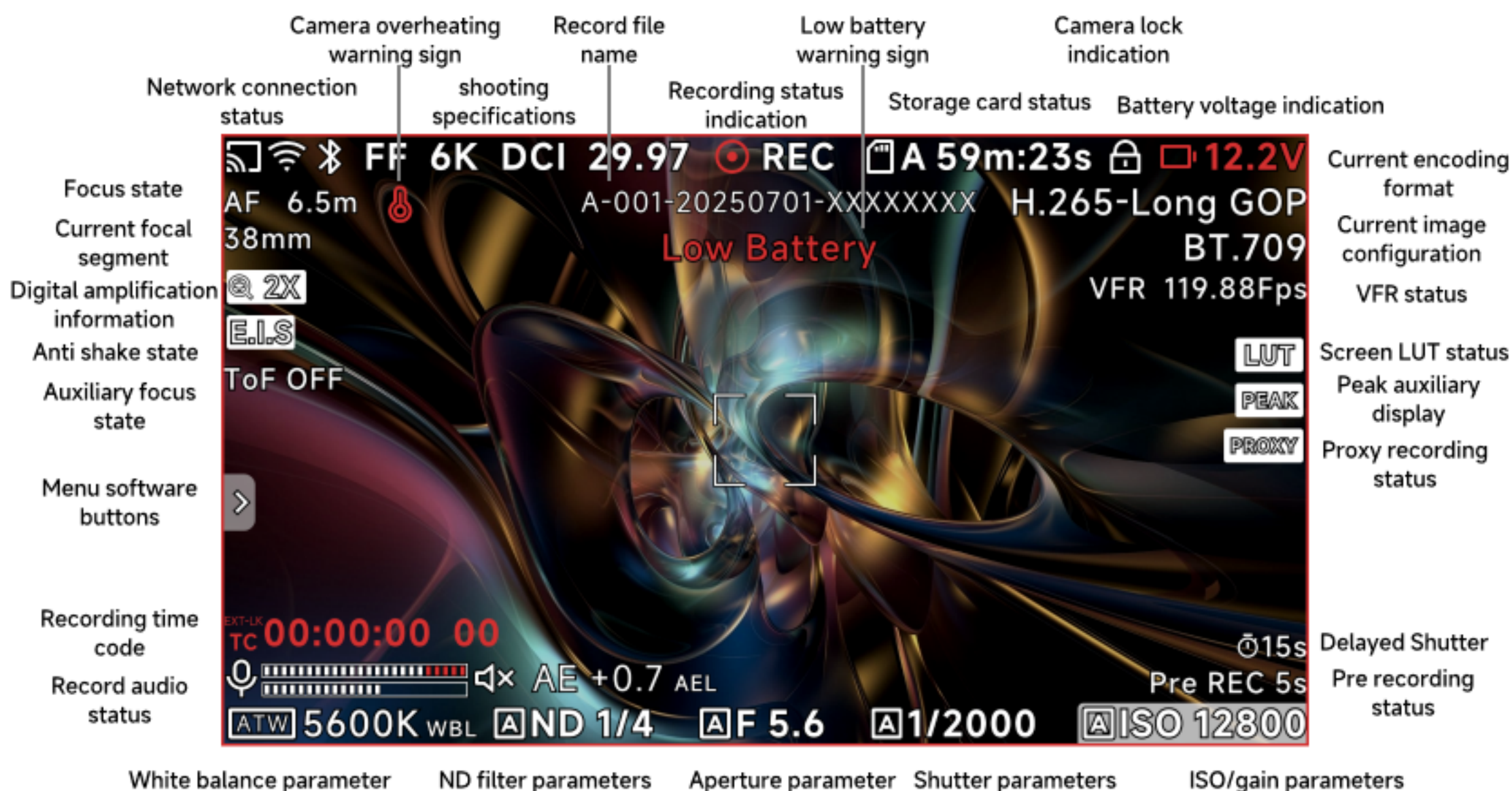
Basic Operation Introduction

- Before operating according to this user manual, please turn on the power switch first.
- All menu settings and custom functions are set to the default settings.
- In the photo examples of this user manual, a device equipped with a BOSMA lens is shown as an example for display.
- The example photos used in this user manual are only for illustration purposes.
- When using a lens other than BOSMA, please pay attention to the compatibility of the snap-in part.

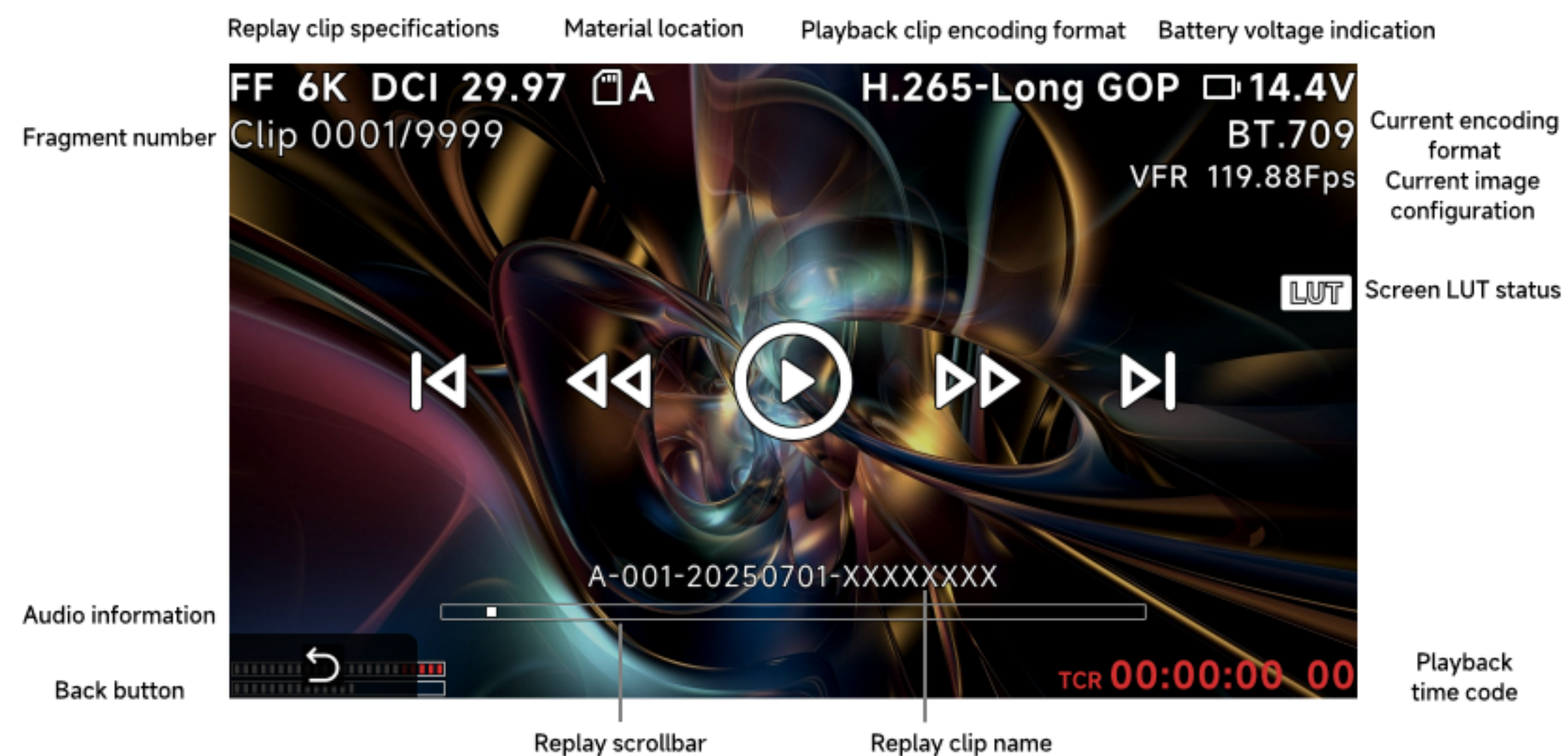
Screen display

When the camera is in different shooting modes, the LCD screen will display corresponding information.

Shooting Screen



Playback interface



Screen display

The small-sized screen on the camera body can be scrolled left and right to switch the displayed information content, or make quick adjustments to shooting specifications, encoding, color, and display auxiliary tools.

Shooting Screen

Storage card status

Recording status indication

White Balance parameter

ND filter parameters

A 59m: 23s

REC

14.4V

ATW 5600K

A F 5.6

A ND 1/128

A 1/2000

AE +0.7

A ISO12800

Aperture parameter

Shutter parameters

ISO/gain parameters

Camera lock indication

Battery voltage indication

shooting specifications

Current encoding format

Current image configuration

A 59m: 23s

STBY

14.4V

FF 6K DCI 29.97

H.265 Long-GOP

BT.2020

0

HLG

Record audio status

WFM

HISTOGRAM

ZEBRA

FALSE COLOR

PEAK

LUT

Frame size

FF

Resolution

6K

Aspect Ratio

DCI

Resolution

6K

4K

2K

Cancel

Confirm

Screen display

When shooting in portrait mode, you can switch the screen display to portrait mode by long-pressing the DISPLAY button of the camera (15).

Short-press the DISPLAY button (15) to switch between the compact content display mode and the full content display mode of the screen.

Shooting screen Display



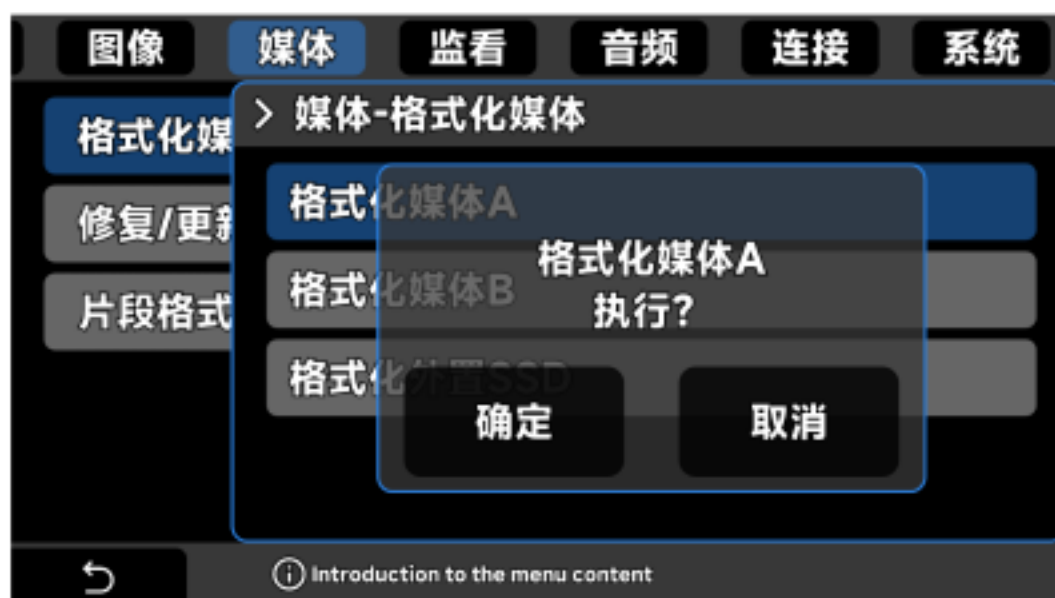
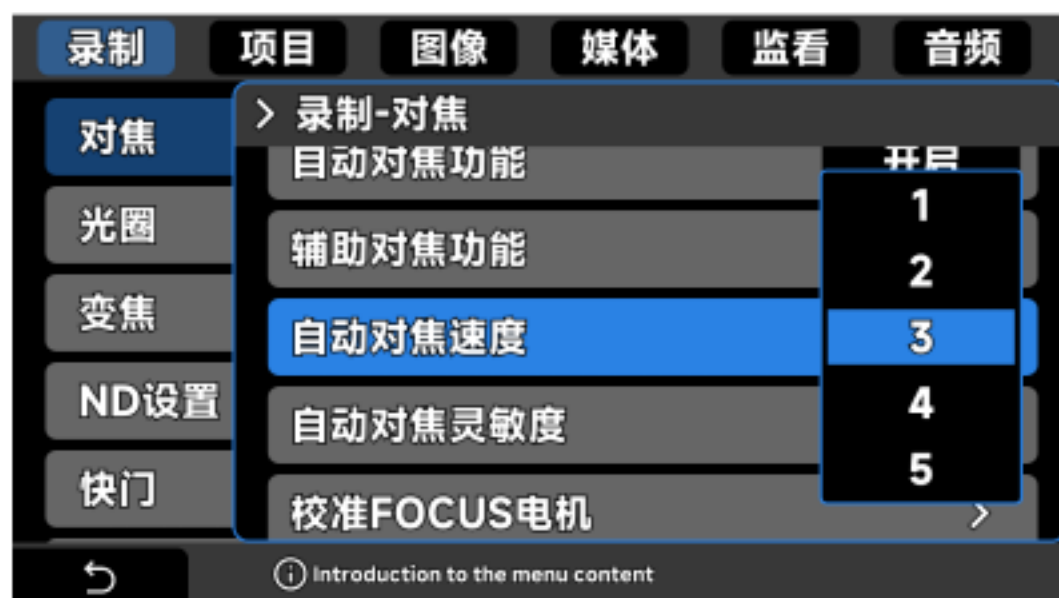
Simplified content display
mode



Comprehensive content
display mode

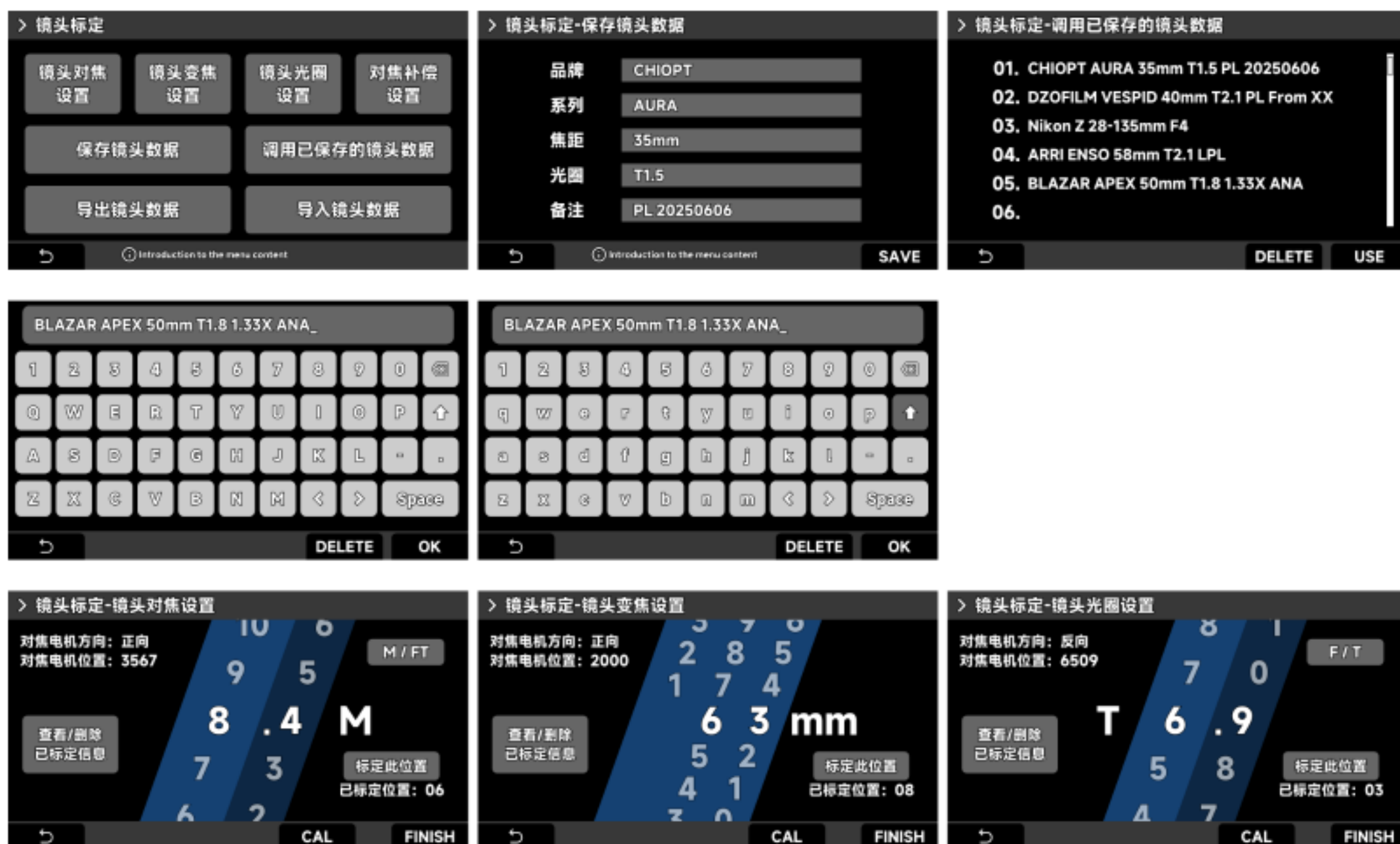
Screen display

Press the MENU menu button (24), or touch the soft menu buttons on the screen, to enter the camera settings menu interface. Select or drag the menu items to make the settings.



Lens control

Use of external lens control system



The usage process of the external lens servo system (FIZ):

1. Equipment assembly

- (1) Securely install the handheld, manual/movie lens, and FIZ motor mounting tube on the body of the equipment;
- (2) Install the FIZ motor onto the tube, ensuring that the FIZ motor closely fits with the focusing teeth, zooming teeth, and aperture teeth of the lens, and lock the FIZ motor to prevent any loosening or shaking;
- (3) Connect the power and control cables of the FIZ motor, using a series connection mode (the sequence of series connection can be freely adjusted);
- (4) Turn on the camera power (if the camera power is on, the FIZ motor will automatically power on), and the FIZ motor will automatically enter the calibration state to calibrate the lens travel;
- (5) Click the calibration button of the motor, adjust the motor channel, so that the motor FOCUS (blue) corresponds to the lens focusing ring, the motor ZOOM (green) corresponds to the lens zoom ring, and the motor IRIS (yellow) corresponds to the lens aperture ring.

Lens control

2. Travel calibration

(1) Usually, the motor will automatically perform calibration after power supply. If the motor has not been calibrated, the calibration is incorrect, or it has not been installed completely during power supply, then manual calibration can be performed after the installation is completed and the connection is confirmed to be correct;

(2) Press the calibration button of the motor for a long time to make it enter manual calibration. The motor will automatically detect the starting and ending points of the rotation of the lens corresponding focusing ring / zoom ring and aperture ring, and will automatically adjust to the corresponding position of the current motor information after calibration is completed;

(3) Ensure that all installed motors have been calibrated.

3. Lens Calibration

FOCUS Calibration: Enter the FOCUS option in the Lens menu. On the screen, you can adjust the unit of the lens focus distance (m/ft). Click the screen buttons before/after to adjust the rotation position of the FOCUS motor. Move up and down on the screen to adjust the current motor's corresponding lens focus value. Make the screen display value correspond to the current lens focus position. Click the screen ✓ button to input this information. Repeat the input of different focus information several times (it is recommended to uniformly input the lens information 5 times or more within a range of 12m, and the more times you input, the more accurate the focus will be). After all the information is input, click the screen Finish button to complete the FOCUS information calibration.

ZOOM Calibration: Enter the ZOOM option in the Lens menu. Push the ZOOM push rod of the camera handle forward/backward, or click the screen buttons forward/backward. Adjust the rotation position of the ZOOM motor. Move up and down on the screen to adjust the current motor's corresponding lens focal length value. Make the screen display value correspond to the current lens focal length value. Click the screen ✓ button to input this information. Repeat the input of different focal length information several times (it is recommended to uniformly input the lens information 5 times or more, and the more times you input, the more accurate the display value and the automatic focal length will be). After all the information is input, click the screen Finish button to complete the ZOOM information calibration.

IRIS Calibration: Enter the IRIS option in the Lens menu. Roll the IRIS dial of the camera or click the screen buttons forward/backward. Adjust the rotation position of the IRIS motor. Move up and down on the screen to adjust the current motor's corresponding lens aperture value. Make the screen display value correspond to the current lens aperture value. Click the screen ✓ button to input this information. Repeat the input of different aperture information several times (it is recommended to uniformly input the lens information 5 times or more, and the more times you input, the more accurate the display value and the automatic aperture will be). After all the information is input, click the screen Finish button to complete the IRIS information calibration.

Lens control

4. Test the FIZ effect and adjust the focus offset

Use this lens for testing shots to observe if the FZI motor is usable. Take pictures of objects at 3 to 6 meters and perform focus offset calibration;

Due to the position offset of the lens marking or because the sensor plane of the camera and the TOF ranging module are not at the same focal plane starting point, the ranging results may be inaccurate in actual lens focusing use. Focus offset adjustment is needed. In the Lens menu, Focus offset calibration, move the scroll bar to increase or decrease the additional value of the ranging value of the ranging module, so that the ranging distance matches the focus position of the captured object.

5. Storage and Retrieval of Lens Calibration Information

After completing the above steps, you can use the SAVE LENS DATA option in the Lens menu to save the calibration information of this lens. Subsequently, simply select this lens from the SAVED LENS option, and you can directly retrieve the calibration information from this session without having to repeat the calibration process. If you notice any focus shift or calibration errors after installing the lens, please re-perform the corresponding calibration procedure.

Notes for Attention

- The lens calibration work needs to be carried out after all the equipment is installed, the cables are connected correctly, and the FIZ motors are matched.
- The absence of any one or two FIZ motors does not affect the use of the other FIZ motors (that is, any one or two FIZ motors can be used independently).
- If the FIZ motor exceeds the maximum torque due to locked rotation or external interference, the motor will enter a protective state, and the motor indicator light will flash red. At this time, this motor needs to be recalibrated for travel before it can be used again.
- The camera body can store up to 99 pieces of lens calibration information.
- The maximum detection distance of the TOF ranging module is 50 meters. Beyond this detection distance, the sensor PDAF and CDAF will be used as the focusing scheme.

Specifications

Product	Product Name	BOSMA Digital Camera
	Product Model	VEGA H2
Mount	Lens Mount	Standard PL Mount, support replaceable Mount (EF/M)
Sensor	Sensor Specifications	35mm Full-frame CMOS
	Imaging Size	36 mm x 24 mm
	Total Pixels	About 25.3 megapixels
	Effective Pixels	About 24.5 megapixels
	Pixel Size	5.94μm
	Dynamic Range	14+ stops
	OLPF	Support
Recording Specifications	Resolution	6K / 4K / 2K
	Frame Rate	24 (23.976) / 24 / 25 /30 (29.97) / 48 / 50 / 60 (59.94) / 96 / 100 / 120 (119.88) / 120 / 160 fps
	Maximum Frame Rate	6K OG @30 (29.97) fps、6K 2.39:1 @60 (59.94) fps、4K S35 @60 (59.94) fps、1080P @160 fps
	Maximum Bitrate	600Mbps
	Supporting Format	NTSC、PAL、CINEMA
	Color Bit Depth	12bit
	Video Encoding	H.264 / H.265 / ALL-Intra , Apple ProRes 422HQ / 422 / 422LT
	Audio Format	MOV / MP4
Camera Features	Audio Encoding	PCM 2 channel 48kHz / 24-bit ; MP3 2 channel 48kHz / 16-bit
	HVS	Support, imaging systems and the LCD screen support switch
	ToF Ranging Assisted Focusing	Support, camera Top Handle and BOSMA FOCUS drive motor required
	Manual lens / Cine lens Control	Support, BOSMA FOCUS/IRIS/ZOOM drive motor is required
	Built-in ND	Support, plug-in adjustable OVND 0.3~2.4 (only for PL, EF Mount)
	Dual-card Recording	Support, backup recording/continuous recording
	Anti-shake	Support, EIS stabilization
	Remote Monitoring	IE, Google Chrome Browser
Screen	Network Protocol	TCP / IP, UDP, DHCP, RTSP, RTMP, SMTP, FTP, RTP, SRT, NDI, NVI
	Body Screen	About 1.54-inch LCD IPS touch screen, about 170,000 dots
	External Display Screen	About 4.5-inch LCD TFT touch screen, about 6.22 million dots
Storage	Memory Card	SD UHS-I Memory card x 2
	External Storage	Support external SSD (USB 3.0 Type C , please purchase separately)
	File System	exFAT

Specifications

Camera Settings	Shutter	Electronic shutter: 1 second to 1/8000 seconds
	ISO / Gain	100 to 25600, Dual native ISO support
	White Balance	Manual 2000K to 11000K and tone adjustment, support automatic white balance
	Image Area	Full-frame FF / APS-C(S35) / Pixel to Pixel
	Image Configuration	REC.709 / Log / HLG
	Image Adjust	Brightness / Contrast / Saturation / Clarity
	HDR	HLG / HDR10
	Color Gamut	BT.709 Gamut / BT.2020 Gamut
	Focus Mode	External auxiliary focusing system, automatic focusing / manual focusing
	Focus Points	Single point
	Focus Subject Recognition	No
Interface	12G-SDI	Standard BNC interface, support 4K@60 (59.94) fps, 10-bit 4:2:2 uncompressed output
	3G-SDI	Standard BNC interface, maximum support 1080P@60 (59.94) fps output
	HDMI	HDMI 2.0A, maximum support 4K@60 (59.94) fps output
	Built-in Microphone	Built-in front stereo microphone on the Top Handle
	TIMECODE	Linear time code input & output (standard BNC interface)
	GENLOCK	Support field synchronization, standard BNC input interface
	REMOTE	Support, 2.5 mm, 3-pole sub-mini type
	3.5mm Audio In	Support, 3.5mm stereo mini interface
	XLR Audio In	Supports, 3-pin (XLR connector) x2, supports phantom power
	3.5mm Audio Out	Support, 3.5mm stereo mini interface
	USB Data	USB 3.0 Type-C
	USB Dedicated Interface	USB Type-C Top Interface x 2 ; USB Type-C FIZ Interface x 1
	Network Interface	RJ-45 (1000BASE-T, 100BASE-TX, 10BASE-T)
	WIFI	Dual-band, 2.4Ghz, 5Ghz
Power Supply	Battery	Support BP-U series batteries, Support BOSMA BP-U to V-Mount Adapter
	Adapter	Support V - Mount batteries
	DC IN	4Pin DC IN 12V~16.8V
Specifications	Body Material	Magnesium Alloy, Aluminum Alloy, ABS
	Overall Size	246 x 140 x 220 mm
	Overall Weight	≤ 2.5kg
	Power Consumption	Maximum power consumption 30.0 W
	Operating Temperature	0 - 40 °C / 32 - 104 °F
	Storage Temperature	-20 to 60 °C / -4 to 140 °F

Product warranty card

The following situations are not covered by the free repair service. Guangzhou BOSMA Technology Co., Ltd. can provide paid services instead. Please note:

- Product malfunctions or damages caused by failure to install, use, maintain or store in accordance with the instructions provided in the manual;
- Exceeding the warranty and replacement period;
- Tampering or tearing off the product barcode without authorization;
- The product barcode or model on the warranty card does not match the actual product;
- Unauthorized modification of the inherent setting files of the product or unauthorized disassembly and repair of the product;
- Product malfunctions or damages caused by accidental factors or human actions, such as focusing on strong light, inputting an inappropriate voltage, high temperature, water ingress, mechanical damage, dropping, severe oxidation or rusting of the product, etc.;
- Damage to the product during the return and repair process by the customer due to transportation or handling;
- Product malfunctions or damages caused by force majeure such as earthquakes, fires, floods, lightning strikes, etc.;
- Other product malfunctions or damages not caused by the design, technology, manufacturing or quality of the product itself.

FCC Caution.

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.

*RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.