Operation Manual

Structure：

ON/OFF ❄ ⏻ ❄	Power on/off/freeze/unfreeze Short press the button, the image freezes; short press the button again, the image returns to normal. Long press the button, the device turns on/off
MENU **MENU**	Menu This button allows you to navigate through the settings menu. Each press enters the menu or exits the previous menu level.
UP ⊕ ▲ ⊕	Up button/electronic zoom By pressing this button directly, the image can be enlarged. In setup menu mode, this button allows you to navigate the menu.
DOWN ⊖ ▼ ⊖	Down Button/Electronic Zoom Press this button directly to reduce the image. In setup menu mode, this button navigates the menu.
OK 📷 🎥 ➤ OK	Confirm/Photo/Video Press this button directly to take a picture. In video mode, press this button to start recording. In browse mode, press this button to browse the previously taken videos and pictures.
One push **AWB** **AE**	This button is a function key to do a quick white balance, aiming at white objects for white balance calibration.

	Mode / Auto Exposure Switch
MODEL/AE Mode	Press this button once to enter the video mode; press it again to enter the browse mode; long press to realize AE manual and auto switch.

Manual :

I. Preparation.

1. plug in the HDMI cable and DC power respectively, press the power button, at this time the camera LED shows that the camera has been turned on.

2. if the computer is connected to use, you only need to plug in the USB cable to connect to the computer and press the power button to turn on the camera.

II. Language Setting

1. Press Menu key MENU to enter the main menu, then press the down key DOWN, the language option is highlighted, then press the confirmation key OK to enter the language setting, use the down key DOWN to select Simplified Chinese, press the confirmation key OK to return to the main menu.

设置	语言设置
网格线设置	English
图片比例	Francais
曝光补偿	Espanol
白平衡	Portugues
色彩	Deutsch
语言设置	italiano
光源频率	简体中文
水平镜像	繁體中文
格式化	日本语
默认设置	
版本	

III. Line Setup

1. Under the main menu, select Line Setup and press Confirm OK to enter the Line Setup menu.

设置

| 网格线设置 |
| 图片比例 |
| 曝光补偿 |
| 白平衡 |
| 色彩 |
| 语言设置 |
| 光源频率 |
| 水平镜像 |
| 格式化 |
| 默认设置 |
| 版本 |

2. You can use the down button DOWN and up button UP to select the option you want to set.

网格线设置

十字线	< ON >
线	1
方向	HOR
位置	90
颜色	GREEN
宽	2

3. With the cross-hair highlighted, press OK or MODE to turn the center cross-hair on and off.

4、 With the crosshairs highlighted, press OK or MODE to select the line number 1-10.

5、 With the crosshairs highlighted, press OK or MODE to select whether the line direction is horizontal, vertical, or off line.

6、 位置 90 Crosshair highlighting state, press OK or MODE key to move the line, long press to move the line quickly.

7、 颜色 GREEN Crosshair highlight state, press OK or MODE key can change the color of the line, a total of red, white, green, black, blue seven color options.

8、 宽 2 With the crosshair highlighted, press OK or MODE to change the thickness of the line, there are 5 thicknesses to choose from.
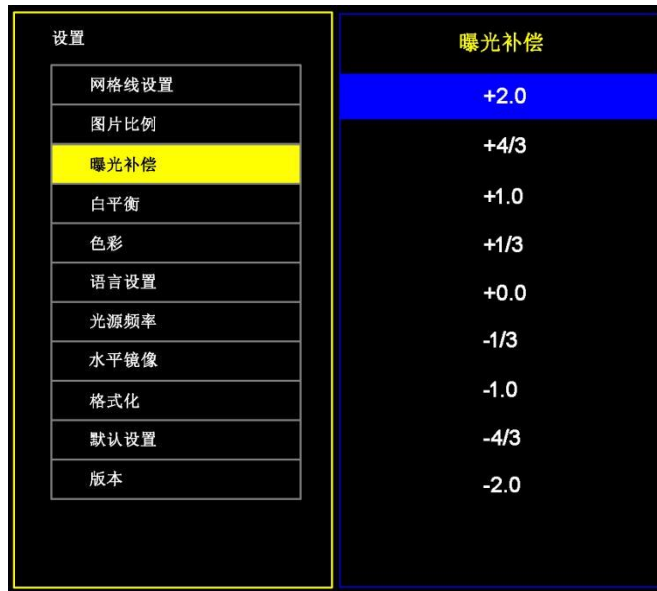
II.Image scale

Enter this menu you can choose the ratio size of the photo picture, our sensor default is 4:3 21 megapixel photos, so there will be a slight difference between the physical and see, our HDMI output is 16:9 screen, if you take pictures to choose 16:9 screen, the photo size may not reach 21 megapixels, please note this detail.

Exposure compensation

1. quickly close the automatic exposure, you can long press the "MODEL / AE" button, you can turn the automatic exposure on and off.

2. Enter the exposure menu as shown below, use the UP up and DOWN keys to select the exposure value, use the OK confirmation key to select the corresponding value. Note that the default exposure value is 0.

IV、White Balance

1. Press MENU to open the main menu, press DOWN to move to the white balance option, and then press OK to confirm the key to enter the white balance menu. Enter the white balance settings menu as shown below, use the UP up key and DOWN down key to select the items that need to be adjusted. One of the keys represents the camera can be corrected for white balance to ensure that changes in the test environment can also ensure accurate color.Translated with www.DeepL.com/Translator (free version).

V. **Color**

1, press MENU to open the main menu, press DOWN to move to the color options, and then press OK to confirm the key to enter the color menu, use the UP key and DOWN key to select the standard mode or black and white mode, press OK to confirm and exit, press MENU menu key to abandon the operation back to the main menu.
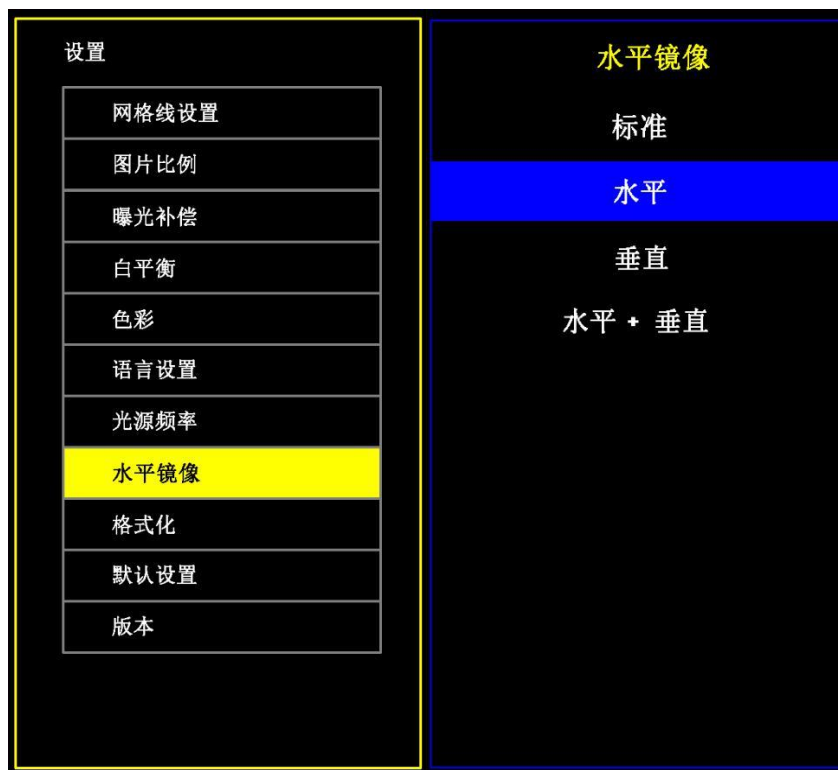

VI、Frequency

1, press MENU to open the main menu, press DOWN to move to the optical frequency option, then press OK to confirm to enter the optical frequency menu, use UP and DOWN to select 50Hz or 60Hz, press OK to confirm and exit, press MENU menu key to abandon the operation back to the main menu.

VII. Horizontal Mirroring

1. Press MENU to open the main menu, press DOWN to move to the horizontal mirroring option, then press OK to confirm to enter the menu; this menu allows you to select the orientation of the video image to ensure that you see the most appropriate
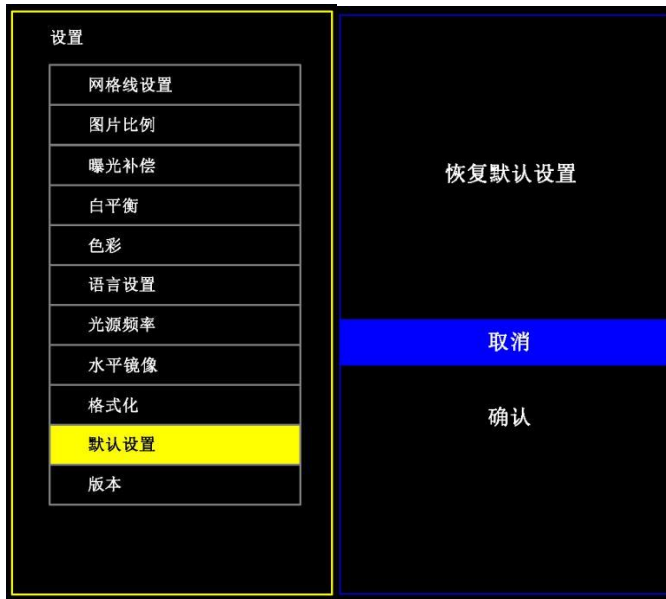
position.

VIII. Formatting TF card content

1. Press MENU to open the main menu, press DOWN to move to the formatting option, then press OK to confirm to enter the formatting menu, use UP and DOWN keys to select cancel or confirm. Select Cancel and press OK to abort the operation to return to the main menu, select Confirm and press OK to confirm that the camera will format the TF card.

Note: The original file contents of the TF card will be erased after the formatting operation, please make sure the contents of the TF card have been backed up when doing this operation!

IX. Default Settings

1. Press MENU to open the main menu, press DOWN to move to the default setting option, then press OK to confirm to enter the menu.

X.Versions

1. Press MENU to open the main menu, press DOWN to move to the version option, and then press OK to confirm the key to enter to view the version information.

Remote control：

	Power on/off
	Patterns
	Preview
	Take a picture

	Main Menu
	Video