

weefine

WED-7 PRO

4K HDMI input/output signal

HD Portable LCD Monitor

Product Manual

7-inch HD waterproof monitor
waterproof depth 80m

► Precaution

- Do not expose the LCD screen to direct sunlight as it will damage the screen. Be careful when placing the monitor in a high place or a place without fixture.

- If the monitor is used in a cold place, horizontal lines or a residual image may appear on the screen. This is not a malfunction. When the monitor becomes warm, the screen returns to normal.

- If you have been displaying the same image for a long time, such as a split image, time code or still image, the image may remain on the screen and be superimposed as a ghost image.

- The LCD panel of this monitor is manufactured with high precision technology. Thus a very small proportion of pixels may be stuck, either always off (black), always on (red, green, blue) or flashing state. In addition, over a long period of use, because of the physical characteristics of the liquid crystal, such stuck pixels may appear spontaneously. These problems are not malfunctions.

- Use branded batteries and charging devices to reduce battery risks caused by poor charging.

► Safety and Product Information

- Please do not disassemble the waterproof shell of the monitor by yourself to avoid damage caused by personal disassembly and repair.

- Do not place the monitor waterproof case in direct sunlight or high temperature for a long time.

- Use a soft cloth (such as a cleaning cloth or a glass cleaning cloth) to gently wipe the display.

- If the monitor case is not used for a long time, please take out the battery in time and store it in a dry and cool place.

- When it is used underwater, do not unscrew, unplug the HDMI cable at both ends of the hardware plug and the lithium battery cover to prevent leakage and damage to the electronic components inside the monitor and LCD screen.

- After use, be sure to put the monitor waterproof case in fresh water, shake, clean and soak for 30 minutes to remove the salt and impurities attached to the shell and avoid the case being corroded and rusted. If the parts get rusted, because they are not cleaned after use and lead to water leakage, maintenance costs must be borne by the user.

► Attention

Please read this manual carefully.

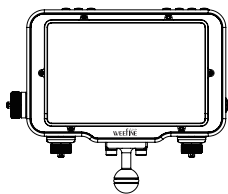
No matter it is in use or in storage, do not place it in any of the following locations, otherwise it may lead to a malfunction.

- Location with excessive vibration
- Location with strong electromagnetism
- Location that is exposed to direct sunlight
- Location that is exposed to very hot place. (0~50 degrees Celsius)

Checking the accessories

check the following accessories are supplied:

1. Monitor + Universal Adapter
2. User Manual
3. Warranty Card
4. Battery Charger
5. 18650 Battery x2
6. HDMI cable x1



Monitor + Universal Adapter



User Manual



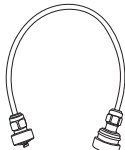
Warranty Card



Battery Charger



18650 Battery x2



HDMI cable x1

► Product Description

The WED-7 Pro is a professional HD monitor specially designed for underwater photographer.

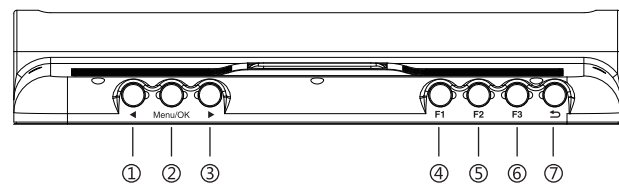
The product is made of aluminum alloy, with carbon-fiber trim panels and delicate stainless-steel chrome-plated buttons. It is High-end and professional product.

The WED-7 Pro is a professional HD monitor specially designed for underwater photographer.

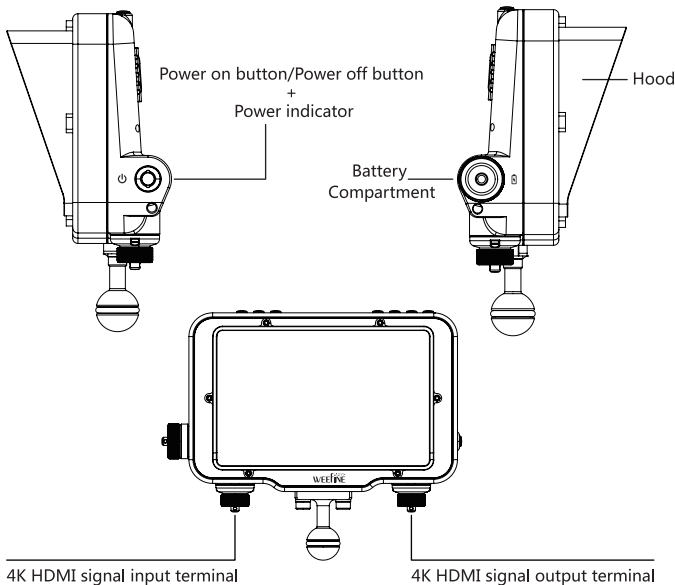
The product is made of aluminum alloy, with carbon-fiber trim panels and delicate stainless-steel chrome-plated buttons. It is High-end and professional product.

- Professional auxiliary shooting function: The product has a variety of professional shooting functions, such as: brightness histogram, audio column, auxiliary focus, false color, exposure prompt, monochrome display, nine grid, square, etc., all can better help the photographer in the process of shooting and creating works, effectively monitor and control the picture.
- Long back-up life: The product is powered by two 18650 lithium batteries, the longest working time can be up to 3.5 hours, and the product has a battery indicator light, so that the photographer can observe the battery power at any time.
- 4K signal transmission: The product supports 4K HDMI input and output, and high-definition pictures of the camera can be displayed on the monitor in real time through 4K signal transmission of HDMI.
- 7-inch FHD: The product features a 7-inch full HD screen with 1920x1200 resolution and 440PPI pixel density, as well as 500CD /m² high brightness and 1200:1 high contrast.
- Ultra-wide viewing Angle: The IPS display of choice has an ultra-wide viewing Angle of 160°, which allows the photographer to easily get a clear picture when adjusting the position.
- True color: The product uses the trustworthy Rec.709 high-definition color standard in the professional field, and accurately restore the color without distortion or color bias, it shows the real image.
- Hood: The product design has a professional hood, so that the photographer can get the ideal viewing effect when using in the outdoor bright light.
- Excellent image processing engine: the product is matched with an independent image processing engine, which improves the light and dark effect and contrast of the picture, so that the picture quality is more exquisite.
- Excellent deep waterproofing effect: UP to 80m/263ft IP68 waterproofing grade: professional waterproofing design, full process technology and quality control, as well as real simulation of various deep water conditions of pressure testing.

► Parts identification



- ①. Left Key ②. Menu/OK Key ③. Right Key
④. F1 Shortcut Key ⑤. F2 Shortcut Key ⑥. F3 Shortcut Key
⑦. F4 Shortcut key and Return key



► Parts Operation

【◀▶】 Up/down button, left/right button, +/- button

According to different page operations can be up and down keys, left and right keys, plus or minus keys;

【MENU/OK】 MENU/ confirm button

It can be a menu button or a confirm button;

【F1/F2/F3】 Shortcut keys

F1 pseudo color; F2 focus; F3 center mark; F4 security box;

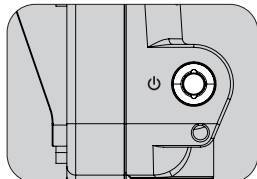
【↵/F4】 Quick and return keys

F4 security box; Or as a return function button;

【⏻】 Power on/off button; Power indicator

Long press the power button for one second to start up; Long press the power off button for two seconds to shut down; When the monitor is on, the power indicator is green, indicating that the monitor is fully charged. If the power indicator is red, the current power is not fully charged.

(Note: the specific power indicator is subject to the power grid display on the display screen; Long press the power button to start up, when the power indicator is on, the display screen will display the content within 1~5 seconds. This is the normal startup state of the display screen, not a fault.)

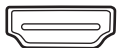


Power on button/Power off button
+
Power indicator

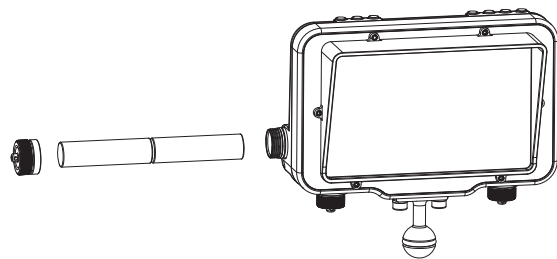
4K HDMI input and output

3840X2160P (30/29.97/35/24/23.98Hz)

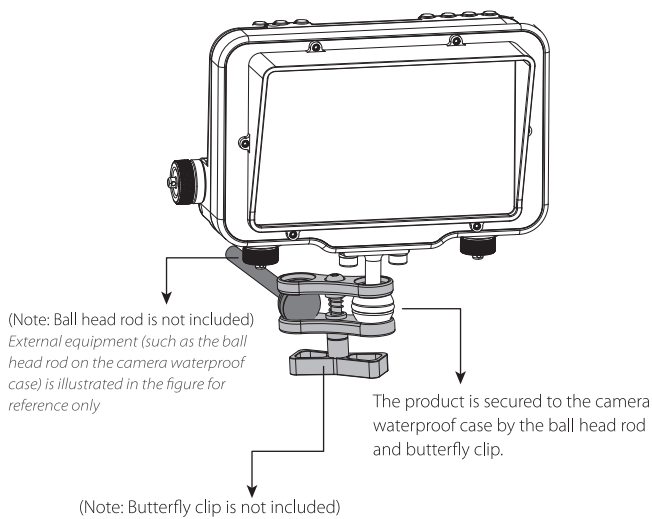
4096X2160P (24Hz)



► Install Battery and Uninstall The Adapter



As shown in the figure, install two 18650 batteries in the positive and negative direction into the battery compartment.

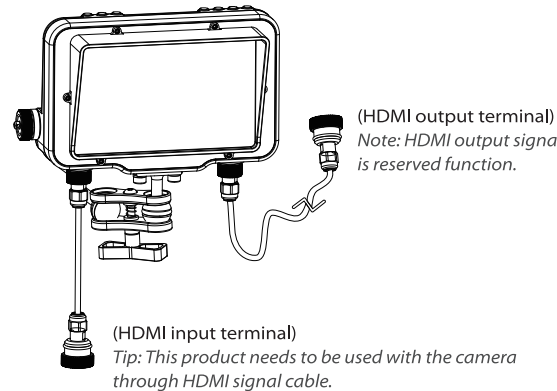


(Note: Ball head rod is not included)
External equipment (such as the ball head rod on the camera waterproof case) is illustrated in the figure for reference only

The product is secured to the camera waterproof case by the ball head rod and butterfly clip.

(Note: Butterfly clip is not included)

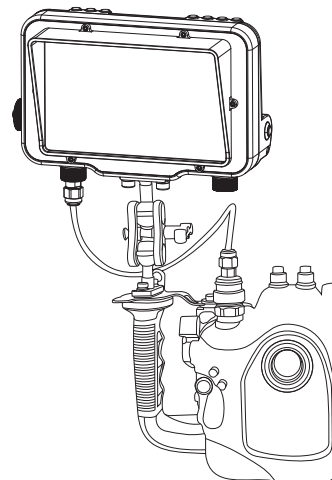
► HDMI Cable Connection



(HDMI input terminal)
Tip: This product needs to be used with the camera through HDMI signal cable.

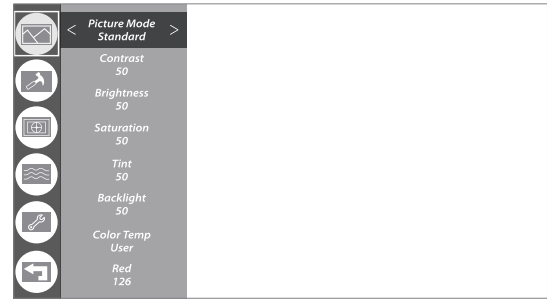
⚠ Warning

If the input/output interface is not connected, keep the protection cover sealed. Otherwise, the product will be damaged by water. When the HDMI signal cable is connected to the camera, if there is no video display, please check whether the camera has HDMI output signals, or whether the HDMI signal cable is connected successfully.



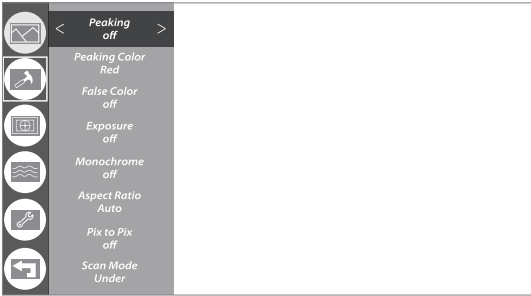
► Menu Operation-1

Before setting, make sure the monitor is conncted with correct signal input. Press and hold on the power button to turn on the device, then press the menu button and the function menue dialog will apper, press <◀▶> to select the required options.



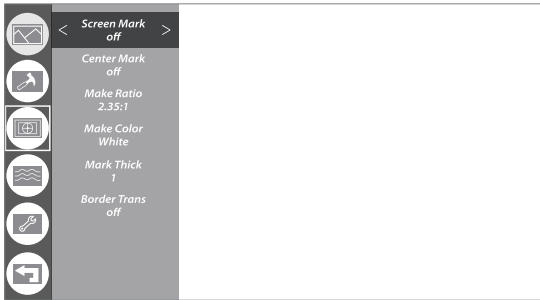
Picture Mode	Standard / User / Dynamic / Soft
Contrast	0~100 (50 by default)
Brightness	0~100 (50 by default)
Saturation	0~100 (50 by default)
Sharpness	0~100 (50 by default)
Backlight	0~100 (80 by default)
Color Temp	User / 6500K / 7200K / 9300K
Red	0~255 (128 by default)
Green	0~255 (128 by default)
Blue	0~255 (128 by default)

► Menu Operation-2



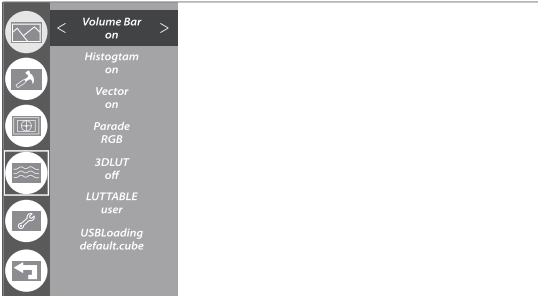
Peaking	1/2/3/4/5/6/7/8/9/10/off
Peaking Color	Red / Green / Blue
False Color	OFF / ON
Exposure	OFF / 70IRE / 100IRE
Monochrome	OFF / Gray / Red / Green / Blue
Aspect Ratio	Auto/4:3/14:9/16:10/16:9/1.85:1/2.35:1/Full
Pix to Pix	OFF / ON
Scan Mode	Underscan / Overscan
Flip	OFF / ON
Freeze	OFF / ON
Zoom	OFF/ 1.4X / 2X / 4X / 8X / 10X
Camera Mode	OFF/ ON

► Menu Operation-3



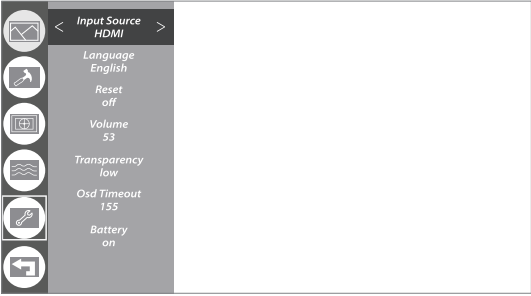
Screen Mark	OFF / 80% / 85% / 90% / 93% / 96%
Center Mark	OFF / ON
Make Ratio	OFF / 4:3 / 2.35:1 / 1.85:1
Make Color	White / Black / Red / Green / Blue
Mark Thick	1 / 2 / 3
Border Trans	OFF / 1 / 2 / 3

► Menu Operation-4



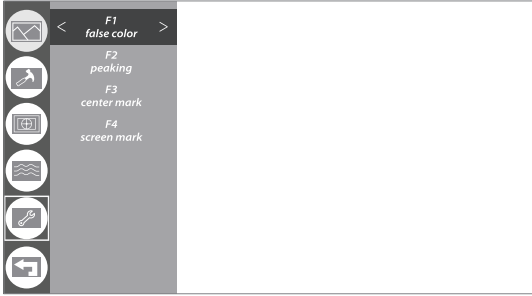
Volume Bar	OFF / ON
Histogram	OFF / ON
Vector	OFF / ON
Parade	ON / RGB / YCBCR / YUV
3DLUT	OFF / ON
LUTTABLE	USER/RED-LOG-1/DJI-LOG-1/S-LOG-1/V-LOG-1

► Menu Operation-5



Signal Source	HDMI / Video
Language Choice	Chinese / English
Reset	OFF / ON
Transparency	Close / Low / Middle / High
Osd Timeout	Close 5 seconds / 10 seconds / 15 seconds
Battery Status	ON / OFF

► Menu Operation-6



F1	false color / peaking / peaking color / center mark /screen mark / image scale / scan mode / pix to pix / zoom / Filp-H / Filp-V / Freeze / camera mode / mute state / Exposure / Histogram / Volume Bar / RGB histogram / ParadeWaveform / vectorgraph / battery status / Monochrome display
F2	false color / peaking / peaking color / center mark / screen mark / image scale / scan mode / pix to pix / zoom / Filp-H / Filp-V / Freeze / camera mode / mute state / Exposure / Histogram / Volume Bar / RGB histogram / ParadeWaveform / vectorgraph / battery status / Monochrome display
F3	false color / peaking / peaking color / center mark / screen mark / image scale / scan mode / pix to pix / zoom / Filp-H / Filp-V / Freeze / camera mode / mute state / Exposure / Histogram / Volume Bar / RGB histogram / ParadeWaveform / vectorgraph / battery status / Monochrome display
F4	false color / peaking / peaking color / center mark / screen mark / image scale / scan mode / pix to pix / zoom / Filp-H / Filp-V / Freeze / camera mode / mute state / Exposure / Histogram / Volume Bar / RGB histogram / ParadeWaveform / vectorgraph / battery status / Monochrome display

► Troubleshooting

Please check the monitor according to the following steps before you ask for repair service.

Malfunction	Causes and Measures
Cannot connect this monitor to the camera	- Incorrect type of adapter socket used - Check the camera hot shoe type and select the correct hot shoe adapter
No image appears on the screen of the monitor	- The camera is in power saving mode - Carry out some camera function such as half-pressing the shutter button to exit power saving mode - The HDMI cable is disconnected→Reconnect it properly - The shooting image may not be displayed on this unit when using a camera that does not have the live view function. Refer to the instruction manual of the camera for details - The HDMI signal channel is incorrectly selected, please select it again in the menu: AV / HDMI
Product screen shows no signal	- Whether the camera has HDMI signal output function; Whether the HDMI high-definition signal cable is successfully connected
Cannot shoot	- Depending on the camera, when the camera connects to this monitor swtich the camera to shooting mode before taking pictures
Black stripes appear on the screen	- The aspect ratio of the LCD panel of this monitor is 16:10, so black stripes may appear depending on the image

► Available signal formats

The monitor is appilcable to the following signal formats:

System	Total lines	Active lines	Farme rate	Scanning	Aspect ratio
575/50I(PAL)	625	575	25	2:1 interlace	16:9 / 4:3
480/60I(NTSC)	525	483	30	2:1 interlace	16:9 / 4:3
5756/50P	625	576	50	Progressive	16:9 / 4:3
480/60P	525	483	60	Progressive	16:9 / 4:3
640x480/60P	525	480	60	Progressive	4:3
1080/50I	1125	1080	25	2:1 interlace	16:9
1080/60I	1125	1080	30	2:1 interlace	16:9
720/50P	750	720	50	Progressive	16:9
720/60P	750	720	60	Progressive	16:9
1080/50P	1125	1080	50	Progressive	16:9
1080/60P	1125	1080	60	Progressive	16:9
3840x2160/30P	2250	2160	30	Progressive	16:9
3840x2160/25P	2250	2160	25	Progressive	16:9
3840x2160/24P	2250	2160	24	Progressive	16:9
4096x2160/24P	2250	2160	24	Progressive	16:9

Product specifications and external appearance are subject to change without notice.

► Parameter

Model	WED-7PRO	
LCD display	Screen	7-inch
	Resolution	1920*1200 pixel
	Brightness	500cd/m ²
	Viewing angle	160°
Input signal interface	HDMI IN	
Output signal interface	HDMI OUT	
Power supply	18650 batteryX2 (3400 mAh)	
Working temperature	Operating temperature	+0 to +40°C (+32 to +104°F)
	Storage temperature	-20 to +60°C (-4 to +140°F)
Working hours	≈3.5 hrs	
Waterproof rating	80m / 236ft	
Dimension	198 x 132 x 39 mm	
Weight	1230g (Land) ; 280g (Underwater)	