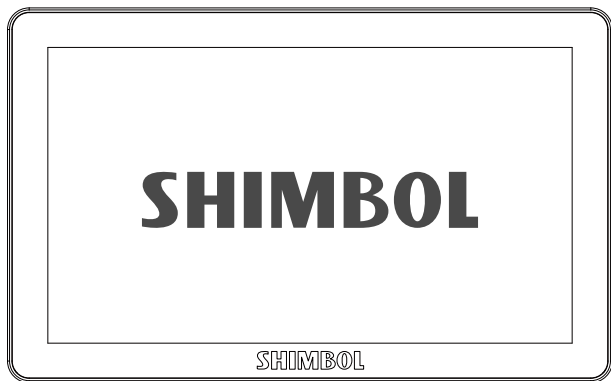


# SHIMBOL

## Video Recording Monitor Memory 7 PRO



Instruction Manual  
Shenzhen ZO Video Technology Co., Ltd.

### 封面

尺寸:105x142mm

材质:157铜板+钉钉

2024-01-11修改参数

2024-01-13

修改界面图标-参数排版优化

2024-01-15 修改标记菜单

网格功能中英文修正

2024-01-17 P14 标注线位置调整

2024.1.25 P15 参数LUT输出被折叠

封底 修改英文地址

文件编号: ZO-Memory 7 PRO-ML(说明书)-英文  
版本号: A-2

制作: 张鑫

日期: 2024-01-26

确认:

审核:

深圳市零壹视讯科技有限公司  
Shenzhen ZO video technology Co.,Ltd.

# Packing list

Carry Case



Monitor



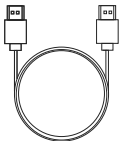
Tempered Screen Protector



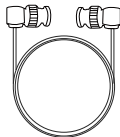
User Manual



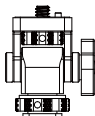
HDMI Cable



SDI Cable



Hot Shoe Mount



Dusting Cloth



SD card



Carry Case\*1

Monitor\*1

Tempered Screen  
Protector\*1

User Manual\*1

HDMI Cable\*1

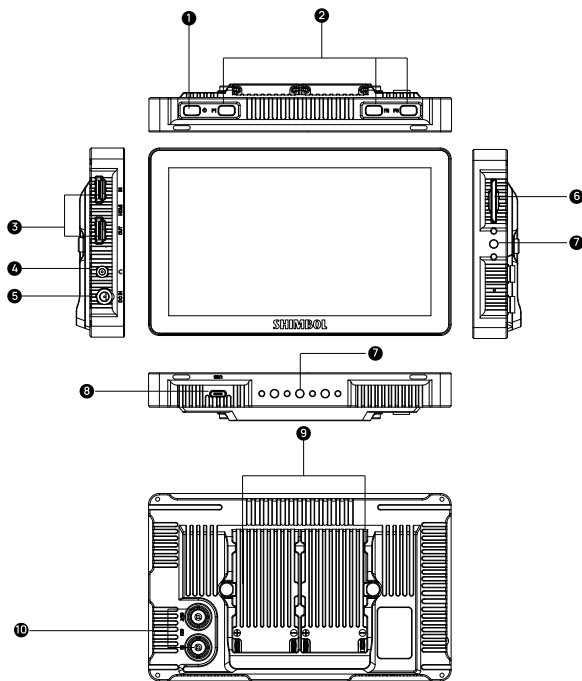
SDI Cable\*1

Hot Shoe Mount\*1

Dusting Cloth\*1

SD card\*1

# Buttons And Ports



- 1** Power ON/ OFF Button
- 2** Custom Function Buttons
- 3** HDMI Interfaces
- 4** 3.5mm Headphone Jack
- 5** DC Input
- 6** SD Card Slot
- 7** 1/4"-20 Thread Hole
- 8** USB Upgrade Port Hole
- 9** NP-F Battery Plate
- 10** SDI Interfaces

# I . Monitors Assist Icons



Switching  
Signal



Input

HDMI-SDI



Scope Menu



Waveform

shows the levels  
of brightness from an  
input source



RGB-Paral

monitor the  
level of red,  
green and blue  
from an input  
source



Histogram

this is useful for  
checking if an image  
is under or over  
saturated.



Vector

visualize the  
dynamic  
range of  
your image



Marker Menu



Marker

mark through  
your chosen  
aspect ratio



Safe area

action area  
and title safe  
areas displayed



Anamorphic

allows you to  
see a correctly  
squeezed image  
when using  
anamorphic lenses



Center marker

mark image  
center



Matte

Multiple modes  
are available



Grid

Multiple lines  
are selected

# I . Monitors Assist Icons



## Focus Menu



### Peaking

ensure your recordings are always in focus



### Zoom

zoom in image



## Exposure Menu



### Zebra

use zebra to check exposure and set exposure levels



### False color

a visualization of exposure across the image



### Monochrome

monochrome display mode



## Color Menu



### 3D-LUT

3D-LUT loading & updating



### Gamma

gamma setting



### HDR

HDR monitoring



### Color temperature

color temperature setting

# Catalog

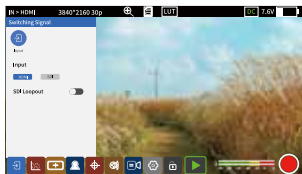
|                                   |    |
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## II . User Interface

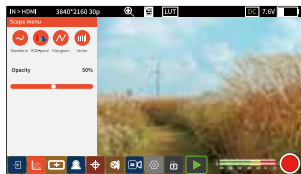


- ① Video Input      ② Resolution      ③ Zoom      ④ SD Card
- ⑤ 3D-LUT      ⑥ Power Indication      ⑦ Switching Signal      ⑧ Waveform Menu
- ⑨ Marker Menu      ⑩ Focus Menu      ⑪ Exposure Menu      ⑫ Color Menu
- ⑬ Recording and playback      ⑭ System Settings      ⑮ Lock Screen      ⑯ Playback Button
- ⑰ Audio Meter      ⑱ REC Button

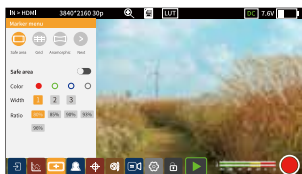
# II . User Interface



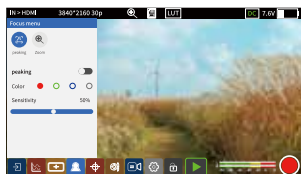
Switching Signal



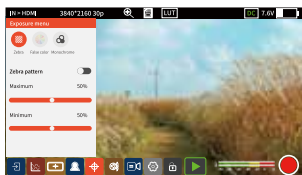
Scope Menu



Marker Menu



Focus menu

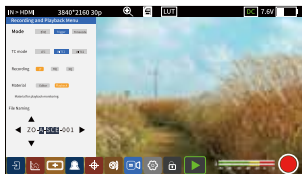


Exposure menu

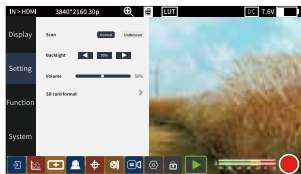


Color menu

## II . User Interface



Recording and Playback Menu



System Settings Menu



Lock Screen



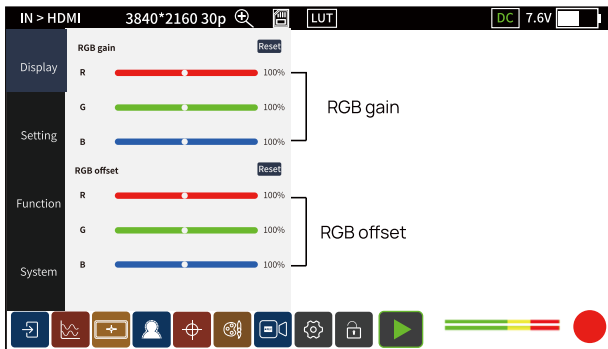
Playback

# III. Operation Guide

## 1. Boot Method

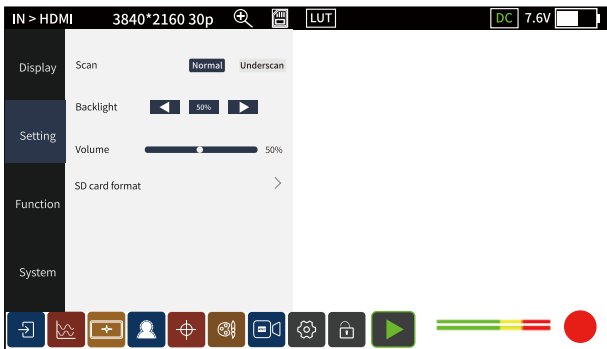
Short press the power on/off button to turn on the monitor, long press 3 seconds to turn it off.

## 2. RGB Gain and Offset



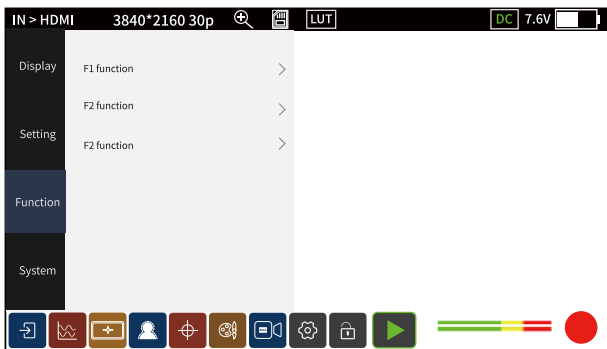
# III. Operation Guide

## 3.Format SD Card



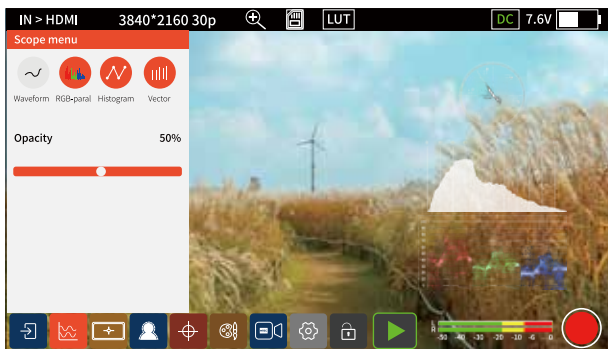
## 4.Shortcut Key Preset

There are two shortcut keys, F1 and F2、 F3, on the top of the host, and you can choose function presets.

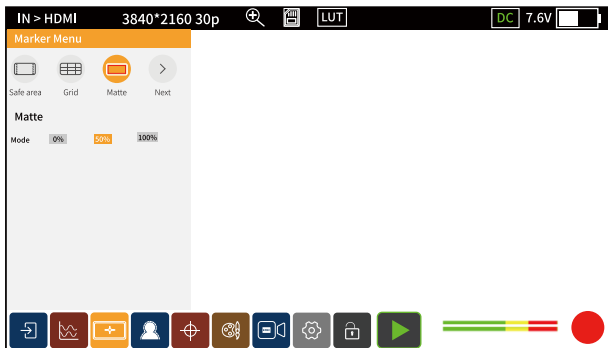


# III. Operation Guide

## 5.High Precision Waveform

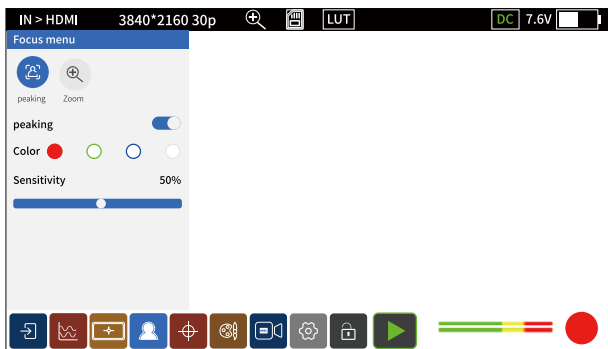


## 6.Matte

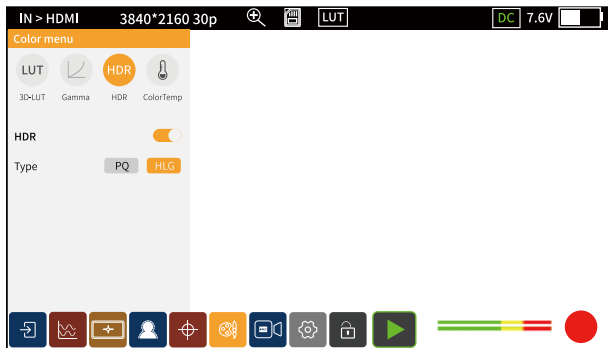


# III. Operation Guide

## 7. Peaking

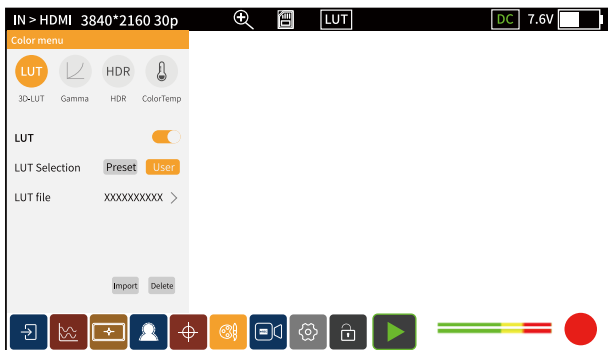


## 8. HDR Monitoring



# III. Operation Guide

## 9.3D-LUT Input Method

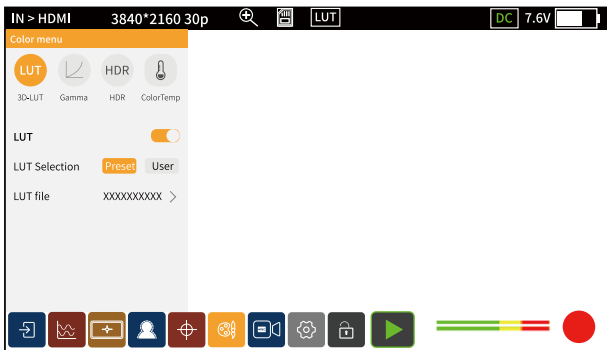


- 1 Place the LUT file in the LUT folder on the SD card and insert the SD card into the monitor
- 2 Click the Color Menu-3D-LUT, turn on , and then selecting Custom, click the Import button and wait for the system to retrieve the LUT file in the SD card that needs to be loaded
- 3 Click on the LUT file that needs to be loaded, then click Import and wait for the file to be imported into the system
- 4 Click the LUT file, enter the file selection, select the desired LUT, and click to confirm that the LUT is loaded successfully

Note: LUT file name only support English, do not allow any other languages , special characters, spaces, otherwise it will fail to be imported !

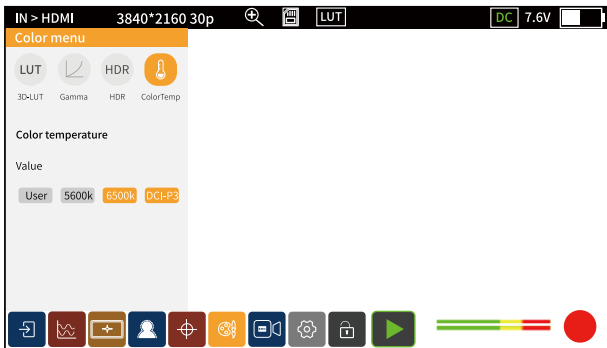
# III. Operation Guide

## 10. 3D-LUT Output Method



- 1 Click the color management-3D-LUT icon, open X  select the corresponding LUT file, and the preset LUT color adjustment effect can be recorded into the file synchronously during recording.
- 2 The LUT for HDMI/SDI output is the same as the LUT that is turned on.

## 11. DCI-P3



# III. Operation Guide

## 12. Recording Playback: Custom File Name



- 1 Trigger/TimeCode camera synchronization recording function
- 2 This position represents the camera position, click up and down to adjust
- 3 This position represents the shooting site, click up and down to adjust
- 4 This position represents the number of cameras, it is not adjustable and the digital number increases with the number of shootings

# IV. Notes

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## 1. Exceptions in Connection

- a. Zoom, Anamorphic, Waveform, these three functions can only be opened one at a time. Such as when the Anamorphic function is open, has opened the Zoom or Waveform will be forced to close.
- b. When HDMI IN, there is no SDI output. When SDI IN, both HDMI and SDI can be output.

## 2. SD Card Description :

### SD Card Identification and Use Problems

- a. The SD card of this product does not support hot-swapping, if the SD card is inserted and removed during use, causing abnormalities such as the card cannot be recognized and the screen interface cannot be operated, please restart the device.
- b. The newly purchased SD card has to formatting by monitor's "SD Card Format" function before normal use.
- c. The recommended capacity of SD card is 32G-128G

## 3. Record and Playback

### The Abnormal Phenomenon of Using Recording and Playback :

#### Synchronous recording (Trigger/TimeCode)

- a. The camera needs to support HDMI Trigger/TimeCode
- b. Trigger/TimeCode function is turned on
- c. When recording video using 1080I60/50, the format of the recorded video will be converted to 1080P30/25.

# V. Technical Parameters

|                        |                                                 |
|------------------------|-------------------------------------------------|
| Model No.              | Memory 7 PRO                                    |
| Screen Size            | 7"TP                                            |
| Screen Resolution      | 1920*1080                                       |
| Aspect Ratio           | 16:9                                            |
| Brightness             | 2200nits                                        |
| Color Gamut            | DCI-P3                                          |
| Contrast Ratio         | 1800: 1                                         |
| Viewing Angle          | 170° (H/V)                                      |
| Output Interface       | HDMI output, SDI output, 3.5mm Headphone output |
| Input Interface        | DC In , HDMI input, SDI input, SD Card Slot     |
| Video Recording Format | MP4(SD card format exFAT) <sup>①</sup>          |
| LUT Format             | cube file (17*17*17 and 33*33*33) <sup>②</sup>  |
| Audio Frequency        | 48kHz                                           |
| Power Supply Method    | NP-F / DC IN                                    |
| Input Voltage          | DC7-16V                                         |
| Power Consumption      | < 10W                                           |
| Firmware Updates       | SD card updates                                 |
| HDMI&SDI-Lut Output    | support                                         |
| Material               | CNC aluminum alloy shell                        |
| Product Color          | black                                           |

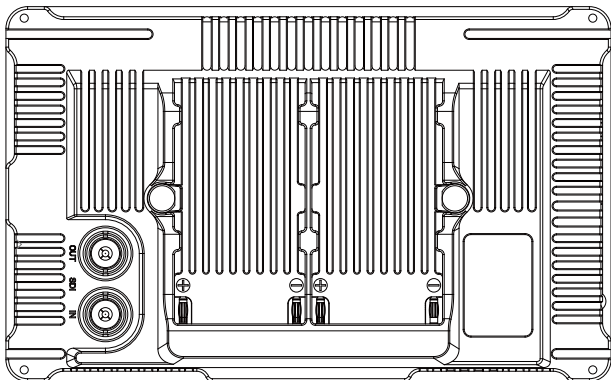
# V. Technical Parameters

|                            |                                            |
|----------------------------|--------------------------------------------|
| HDMI Input Signal Formats  | 4096*2160P25/24/23.98                      |
|                            | 3840*2160P30/23.98/25/24/23.98             |
|                            | 1920*1080p60/59.94/50/30/29.97/25/24/23.98 |
|                            | 1920*1080i60/59.94/50                      |
|                            | 1280*720p60/59.94/50                       |
| SDI Input Signal Formats   | 1920*1080p60/59.94/50/30/29.97/25/24/23.98 |
|                            | 1920*1080PSF30/29.97/25/24/23.98           |
|                            | 1920*1080i60/59.94/50                      |
|                            | 1280*720p60/59.94/50                       |
| HDMI Output Signal Formats | 1920*1080p60/50/30/25/24                   |
|                            | 1920*1080i60/50                            |
|                            | 1920*p60/50                                |
| SDI Output Signal Formats  | 1080p60/50/30/25/24/                       |
|                            | 1080i60/50 720p60/50                       |
|                            | support SDI-LOOP OUT mode                  |
| Weight                     | 455g                                       |
| Unit Size                  | 178.8*110.8*20.3/28.3mm                    |

## Please-note:

- ① Recording file,It is under "Video" folder of root directory in SD card.
- ② The LUT file to be imported,It is under "Lut" folder of root directory in SD card, and the LUT files should not exceed 50.

# SHIMBOL



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