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Video Recording Monitor
Memory 7 PRO

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Packing list

Carry Case	Monitor
Tempered Screen Protector	User Manual
HDMI Cable	SDI Cable
Hot Shoe Mount	Dusting Cloth
SD card	
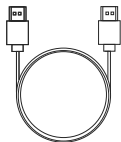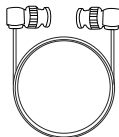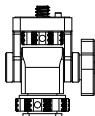
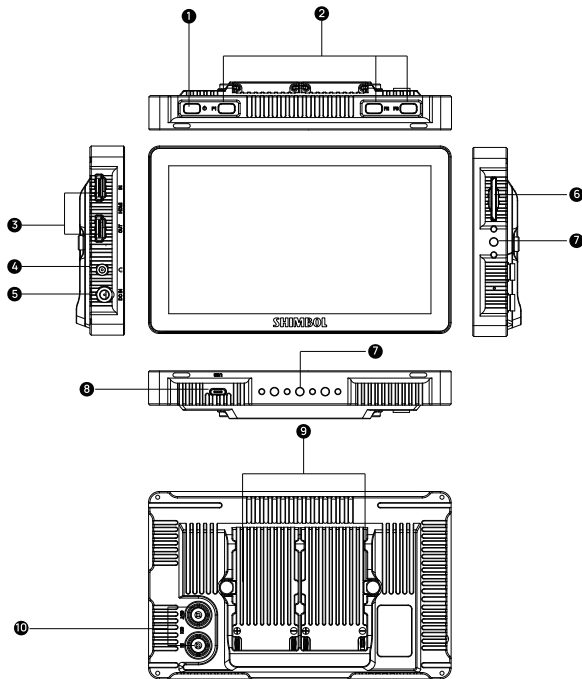|			
Carry Case*1	Monitor*1	Tempered Screen Protector*1	User Manual*1
HDMI Cable*1	SDI Cable*1	Hot Shoe Mount*1	Dusting Cloth*1
SD card*1			

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
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

Ⅱ. User Interface

❶ Video Input	❷ Resolution	❸ Zoom	❹ SD Card
❺ 3D-LUT	❻ Power Indication	❼ Switching Signal	❽ Waveform Menu
❾ Marker Menu	❿ Focus Menu	⓫ Exposure Menu	⓬ Color Menu
⓭ Recording and playback	⓮ System Settings	⓯ Lock Screen	⓰ Playback Button
⓱ Audio Meter	⓲ REC Button		

Ⅱ. User Interface

Switching Signal

Scope Menu
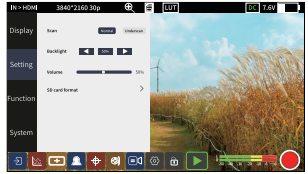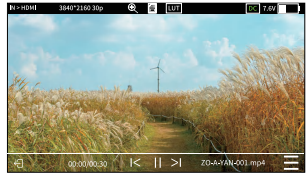

Marker Menu

Focus menu

Exposure menu

Color menu

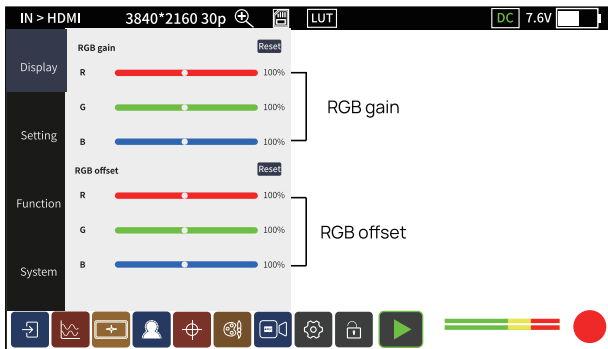Recording and Playback Menu

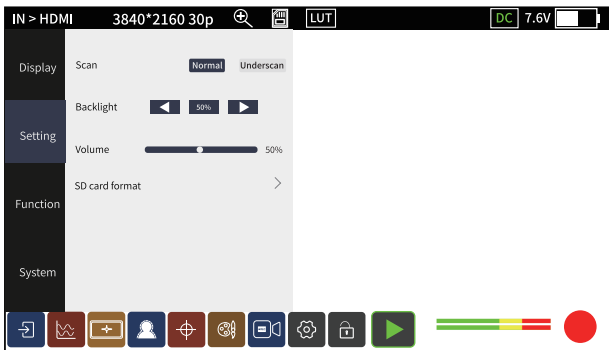System Settings Menu

Lock Screen

Playback

1.Boot Method

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

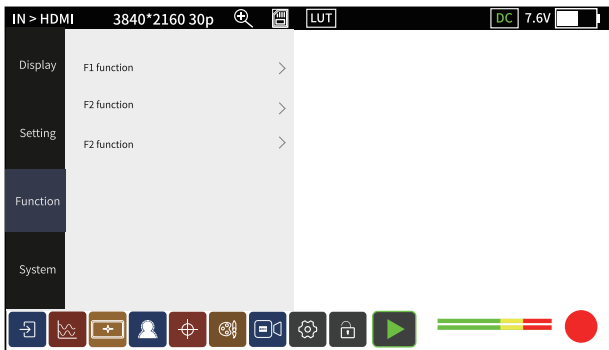## 2.RGB Gain and Offset

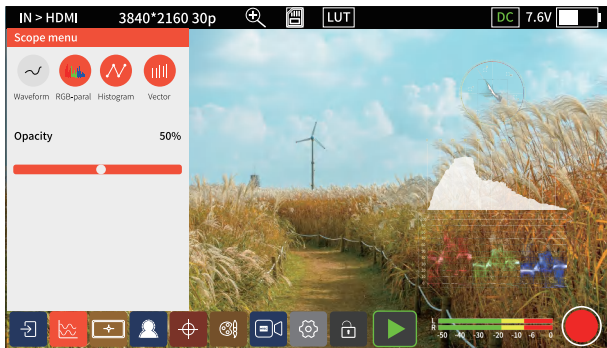# III. **Operation Guide**

3.Format SD Card

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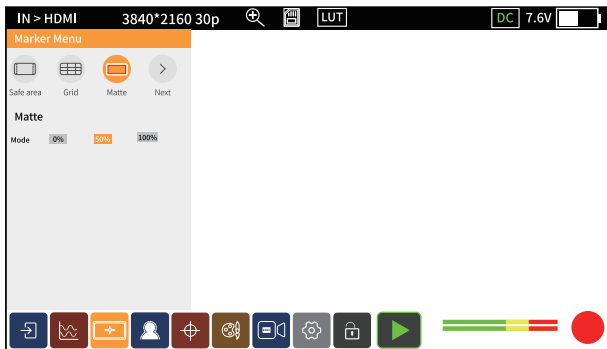There are two shortcut keys, F1 and F2、F3, on the top of the host, and you can choose function presets.

5.High Precision Waveform

6.Matte

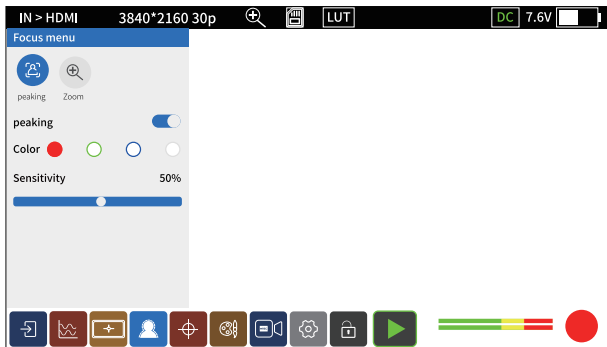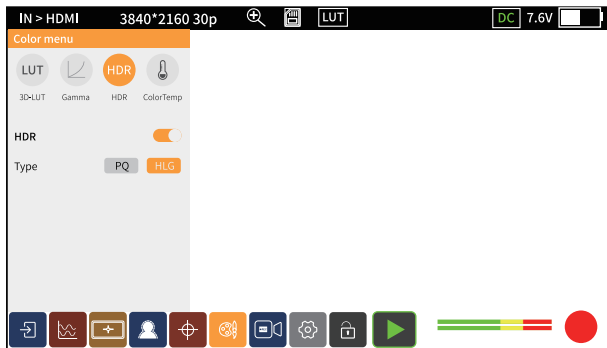## 7.Peaking

8.HDR Monitoring

9.3D-LUT Input Method
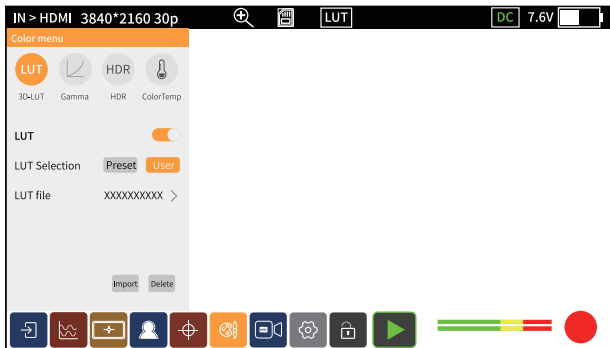
1. Place the LUT file in the LUT folder on the SD card and insert the SD card into the monitor

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 !

10.3D-LUT Output Method
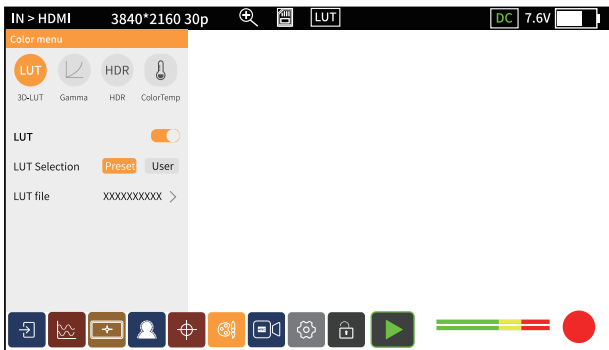
❶ Click the color management-3D-LUT icon, open X ⬤ select the corresponding LUT file, and the preset LUT color adjustment effect can be recorded into the file synchronously during recording.

❷ The LUT for HDMI/SDI output is the same as the LUT that is turned on.

11.DCI-P3
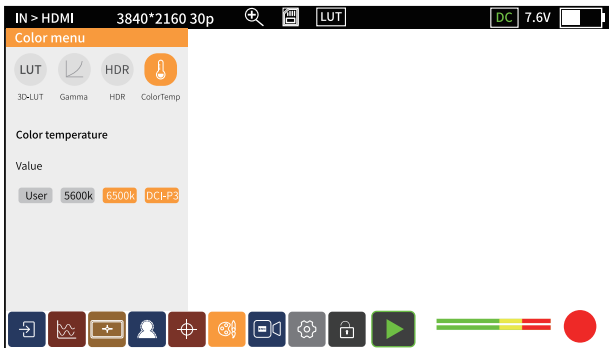
12.Recording Playback： Custom File Name
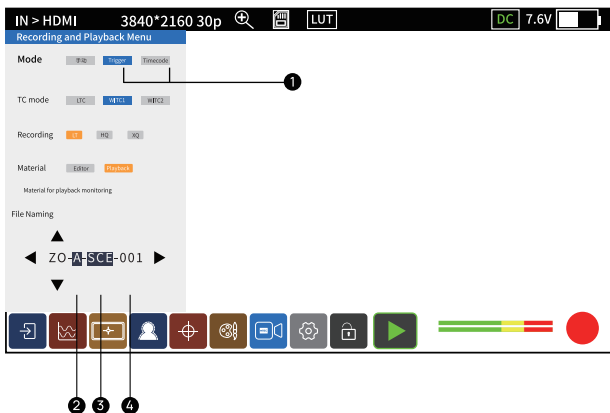
❶ Trigger/TimeCode camera synchronization recording function

❷ This position represents the camera position, click up and down to adjust

❸ This position represents the shooting site, click up and down to adjust

❹ This position represents the number of cameras, it is not adjustable and
the digital number increases with the number of shootings

Ⅳ. Notes

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

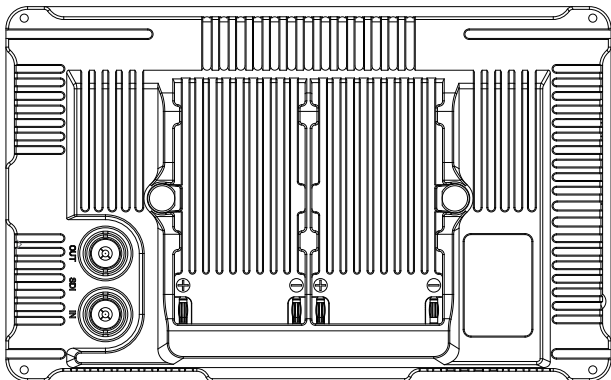|	
Model No.	Memory 7 PRO
Screen Size	7"TP
Screen Resolution	1920*1080
Aspect Ratio	16:9
Brightness	2200nits
Color Gamut	DCI-P3
Contrast Ratio	1800：1
Viewing Angle	170°（H/V）
Output Interface	HDMI output, SDI output,3.5mm Headphone output
Input Interface	DC In , HDMI input, SDI input,SD Card Slot
Video Recording Format	MP4（SD card format exFAT）[1]
LUT Format	cube file （17*17*17 and 33*33*33）[2]
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.

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