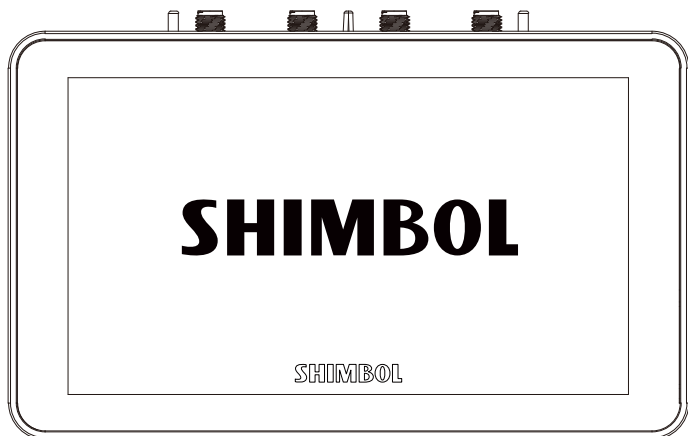


SHIMBOL

Dual-Band Wireless Recording Monitor ZO600MS



Instruction Manual

Shenzhen ZO Video Technology Co., Ltd.

说明书

尺寸:105x142mm

材质:157铜板+过油+打钉

4.11更新图标 6.5更新界面,参数

9.18更新产品线稿图.

2024.05.24 替换新logo,删除USB丝印

修改封面封底文字排版

修改P15文字-SD卡描述

文件编号: ZO-600MS-ML(说明书)-英文
版本号: A4

制作: 张鑫

日期: 2024-05-24

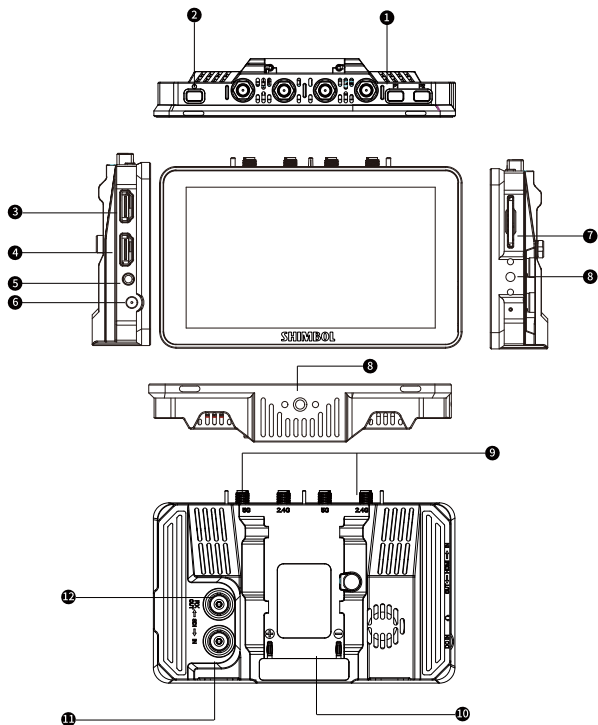
审核:

材质确认:

结构尺寸确认:

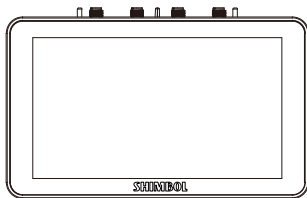
深圳市零壹视讯科技有限公司
Shenzhen ZO video technology Co.,Ltd.

Monitor Interfaces & Buttons

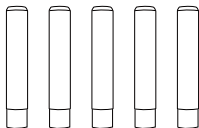


- | | | | |
|------------------------|----------------------|----------------|-----------------------|
| ① Function Key | ② Power Button | ③ HDMI IN | ④ HDMI Out |
| ⑤ 3.5mm Headphone Jack | ⑥ DC IN | ⑦ SD Card Slot | ⑧ 1/4"-20 Thread Hole |
| ⑨ Antennas | ⑩ NP-F Battery Plate | ⑪ SDI IN | ⑫ SDI OUT |

Packing list



Monitor*1



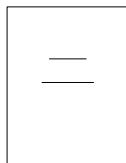
Antennas



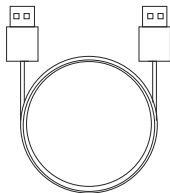
Tempered Screen Protector



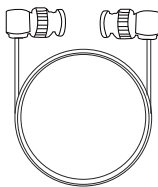
SD card



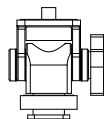
User Manual



HDMI Cable*1



SDI Cable*1



Hot Shoe Mount*1

Monitor*1

SD Card*1

Hot Shoe Mount*1

SDI Cable*1

HDMI Cable*1

Tempered Screen Protector*1

User Manual*1

Antenna*5

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Monitors Assist Icons



Input Source Menu



Input

video input
source selection



Wireless

wireless
connection status



Channel

wireless
channel selection



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

Grip

Multiple lines
are selected

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

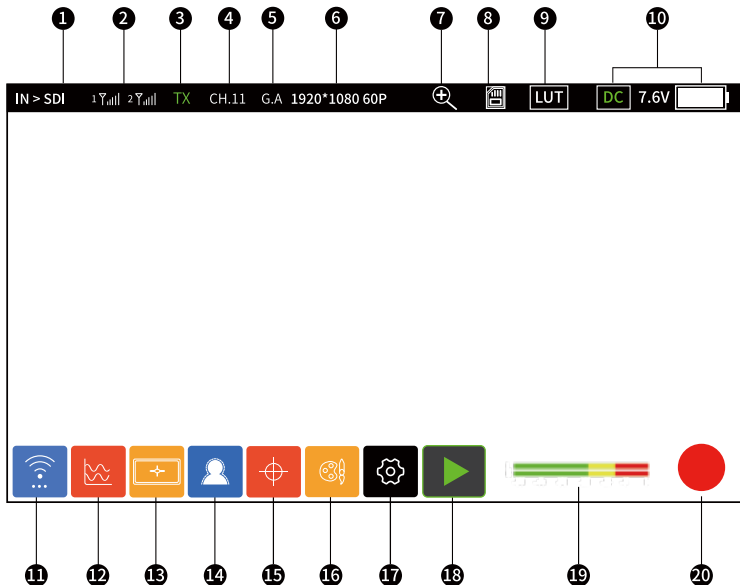


Lock Screen



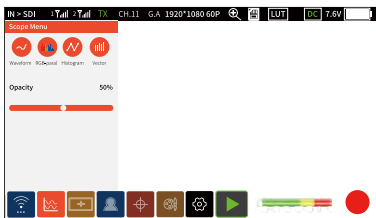
Main Menu

User Interface



- | | | | |
|--------------------|---------------------|----------------------|--------------------|
| 1 Video Input | 2 Signal Intensity | 3 Device Mode | 4 Wireless Channel |
| 5 Group | 6 Resolution | 7 Zoom | 8 SD-Card |
| 9 3D-LUT | 10 Power Indication | 11 Input Source Menu | 12 Waveform Menu |
| 13 Marker Menu | 14 Focus Menu | 15 Exposure Menu | 16 Color Menu |
| 17 System Settings | 18 Playback Button | 19 Audio Meter | 20 REC Button |

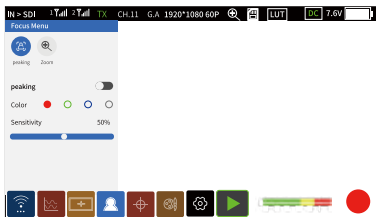
User Interface



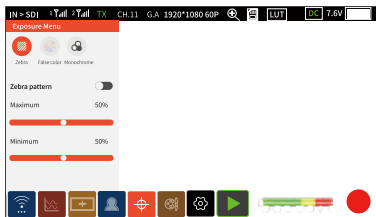
Scope Menu



Marker Menu



Focus Menu



Exposure Menu



Color Menu



Input Source Menu

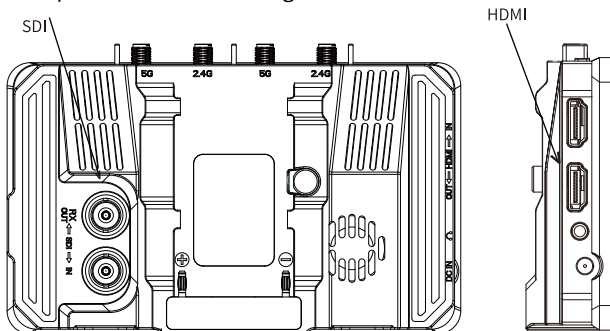
Operation Guide

3.1 Boot Method

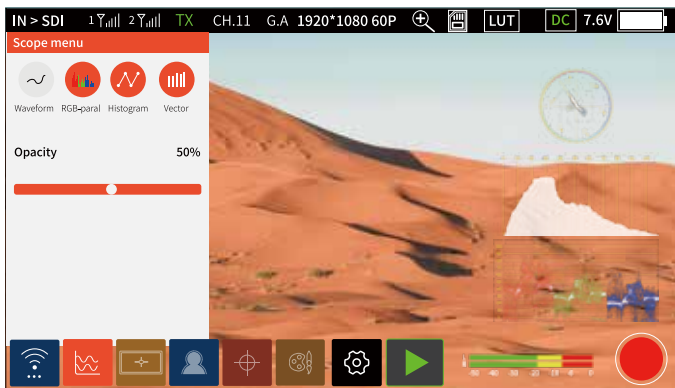
a: Short press the power button to power on, long press for 3 seconds to power off.

3.2 HDMI-SDI Interface Description:

SDI interface is located on the back of the host, HDMI interface is located on the side of the host, with a dedicated HDMI/SDI cable for close-up real-time monitoring.

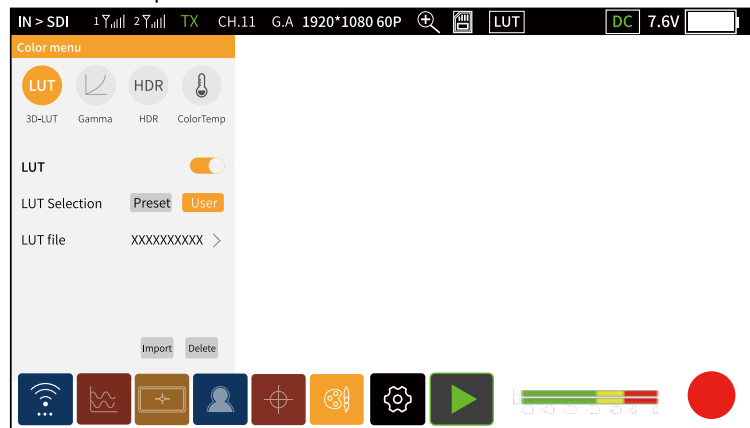


3.3 High Precision Waveform



Operation Guide

3.4 3D-LUT Import

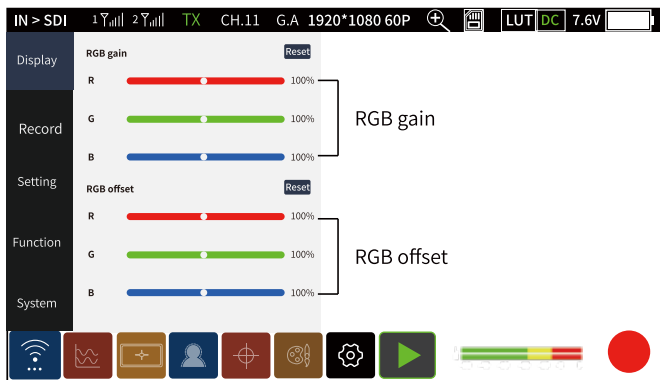


- 1 Place the LUT file in the LUT folder on the SD card and insert the SD card into the monitor
- 2 Click the Color Menu-3D-LUT, turn on , and then selecting Custom, click the Import button and wait for the system to retrieve the LUT file in the SD card that needs to be loaded
- 3 Click on the LUT file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

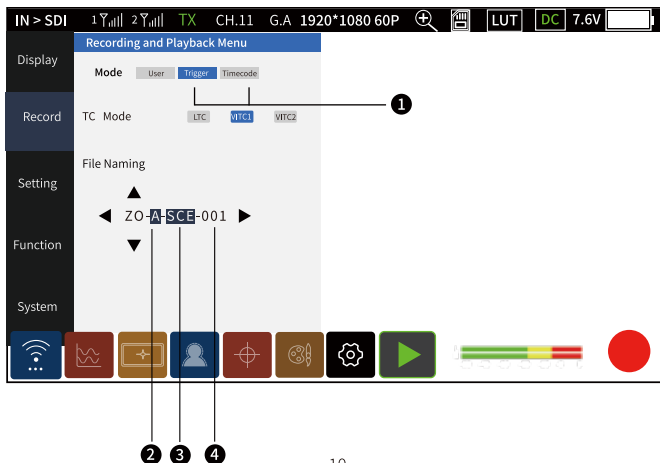
Note: LUT file name only support English, do not allow any other languages , special characters, spaces, otherwise it will fail to be imported !

Operation Guide

3.5 RGB Gain and Offset



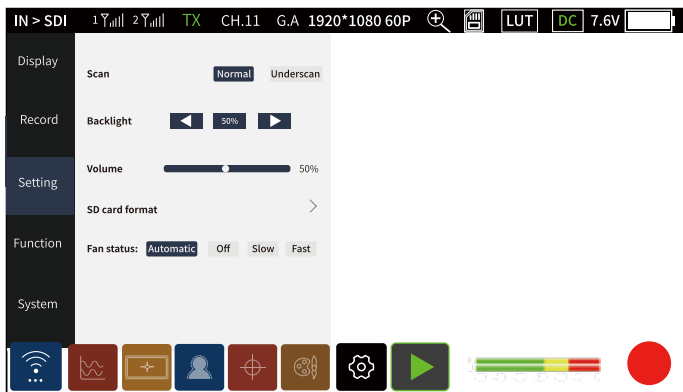
3.6 Recording And Playback



Operation Guide

- 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

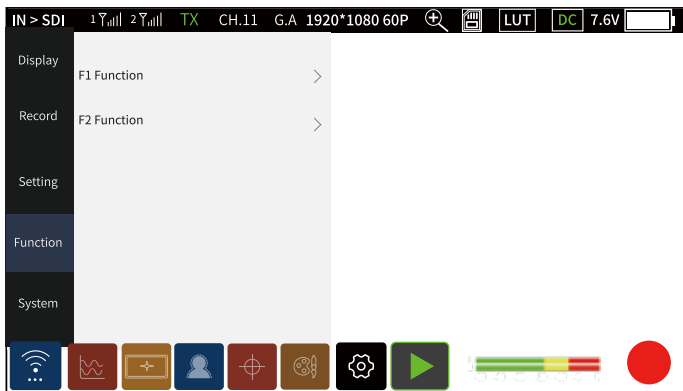
3.7 Format SD Card



Operation Guide

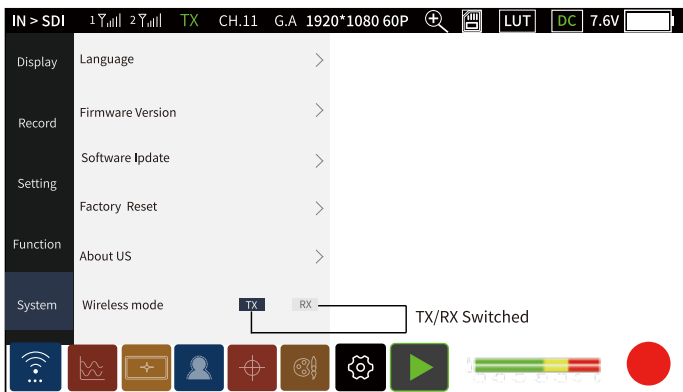
3.8 Shortcut Key Preset:

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



3.9 TX/RX Switched:

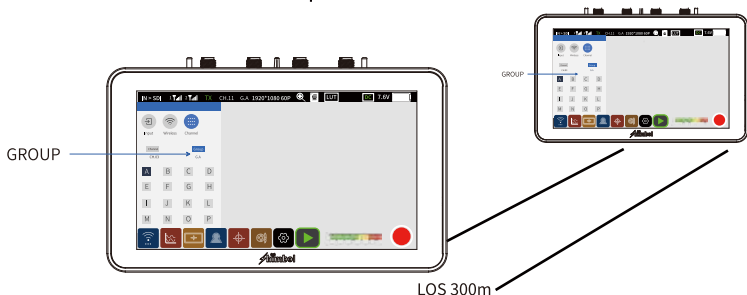
ZO600MS Monitor, can be switched between TX and RX mode.



Operation Guide

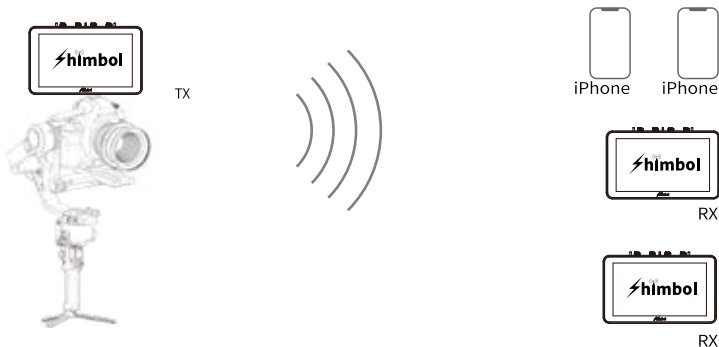
3.10 Connection Ways:

a.ZO600MS Connect In Group Mode

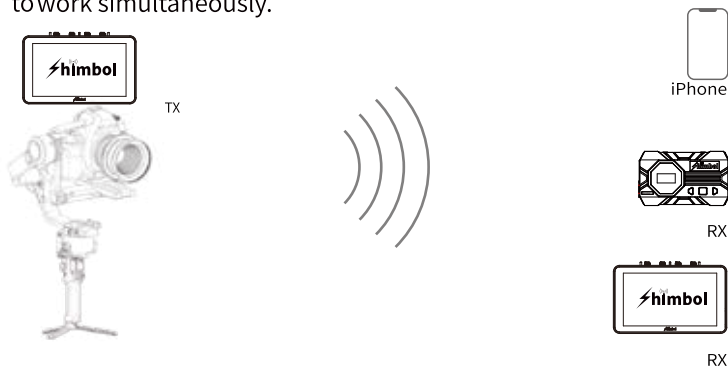


b.ZO600MS Transmitter mode is connected with Receiver mode, and will support one-to-four mode.

Note: One-to-four mode can be supported in dual-band mode, one transmitter can be connected to two receivers and two apps at the same time.



c. One ZO600MS unit under TX mode connects one ZO600MS unit under RX mode and the RX unit of another model of Shimbol brand to work simultaneously.



d. The TX unit of another model with Shimbol brand connects one ZO600MS unit under RX mode to work simultaneously.



Notes

1. Exceptions in connection

- a: In case of abnormal connection, please make sure that TX/RX are in the same group.
- b: If the TX/RX group settings are the same and a connection cannot be established for a long time, please try changing the frequency point.
- c: If the connection still cannot be established by changing the frequency point, please reboot the device.

2.Function

- a. 'Zoom in', 'Anamorphosis', 'Waveform', they could only be enabled one at a time. For example when turn on 'Zoom in', the previously enabled Anamorphosis or Waveform function will be forced to turn off.
- b. If freezes when wireless mode TX and RX switch each other, please kindly power off first and turn on the units to switch wireless mode again.
- c. Under the Teleprompter function, when the 'master' mode device is transmitting files to the 'slave' mode device, and these files could not be cashed to the 'slave' mode device after turn on/off either of the two devices.

3. SD Card

- 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. Recommended card capacity is 32G-128G, MAC computers do not recognise SD cards over 32G in FAT32 format.

4.Record and Playback

- a. It should have simultaneous record function on your camera and enable it to on.
- b. If switch to record interface directly after enabled 'TimeCode', please kindly plug out HDMI or SDI cable and switch 'TimeCode' to 'User / Trigger', it will come back to work.

Technical Parameters

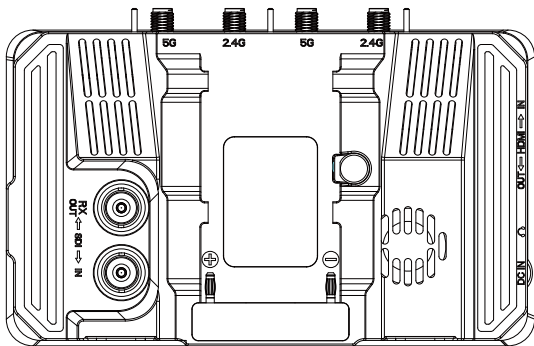
Model No.:	ZO600MS				
Screen Size	5.5"TP			Screen Resolution	1920*1080
Brightness	2 000cd/m ²			Power Consumption	< 14W
Interface:	DC power input port,3.5mm headphone output port, SD card port, Type-C port , RP-SMA Male head (4 antennas)				
Video Input Interface	TX	SDI input (BNC female) HDMI input		RX	SDI input (BNC female) HDMI input
Video Output Interface	TX	HDMI output (loop out)		RX	SDI output (BNC female) HDMI output
Power Supply Method	NP-F / DC IN (5.5mm OD&2.0mm ID)			Wireless Transmission Band	2.4G&5G dual band
Input Voltage	7V-16V	Viewing Angle:	178° (H/V)	Contrast Ratio	1200:1
Weight	330g			Latency	80ms ^③
Unit Size	147.8*88.8*16.9/28.35mm			Receiving Sensitivity	-85dBm
LUT Format	cube (17*17*17 / 33*33*33) ^②			Firmware Updates	SD card updates
Audio Frequency	48kHz	Transmission Power	21dBm	Video Recording Format	MP4 ^① (SD card format FAT32)
Input Signal Formats	HDMI	1080p60/59.94/50/30/29.97/25/24/23.98 1080i60/59.94/50 720p60/59.94/50			
	SDI	1080p60/59.94/50/30/29.97/25/24/23.98 1080PSF30/29.97/25/24/23.98 1080i60/59.94/50 720p60/59.94/50			
Output Signal Formats	HDMI	(TX) 1080p60/59.94/50/30/29.97/25/24/23.98 1080i60/59.94/50 720p60/59.94/50 (RX) 1080p60/50/30/25/24/ 1080i60/50 720p60/50			
	SDI	(RX) 1080p60/50/30/25/24/ 1080i60/50 720p60/50			
Transmit Range	1 TX unit + 1 RX unit, 300 meters as transmission distance.				

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.

③ Latency The transmission delay is related to the current electromagnetic environment.

SHIMBOL



Download "SHIMBOL" APP on Apple App Store.



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