

**Aputure**<sup>®</sup>

**V-Screen VS-5X**  
7" PRO Multifunctional Monitor



[www.aputure.com](http://www.aputure.com)

## **Product Manual**

English

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## FOREWORD

### Thanks for purchasing Aputure V-Screen VS-5X!

This product is designed for video equipments that offer HDMI ports, and HD-SDI outputs, such as DSLR, and camcorder. And please read the user manual and keep it where all those who use this equipment will read them.

## INSTRUCTION

**To prevent damage to your product or injury to yourself or to others, read and understand all the following safety precautions before using this equipment.**

- Do not disassemble. Touching the product's internal parts could result in injury.
- Use only batteries and charger approved for use in this equipment. Failure to observe this precaution could result in fire or electric shock.
- Turn off immediately in the event of malfunction. Continued operation could result in injury. After removing the battery, take the equipment to an authorized retailer for inspection.
- Do not immerse in or expose to water. Failure to observe this precaution could result in electric shock.
- Remove the battery if you do not use for a long time.
- Do not squeeze or hit the screen. Failure to observe this precaution could result in screen malfunction and injury.
- Do not block its ventilation hole. Do not hinder the heat dissipation, as this could result in deformation or fire.
- Do not use in the presence of flammable gas. Do not use electronic equipment in the presence of flammable gas, as this could result in explosion or fire.
- Do not place the product in the reach of children. Failure to observe this precaution could result in injury.
- The instructions and information in this manual are based on thorough, controlled company testing procedures. Further notice will not be given if the design or specifications change.

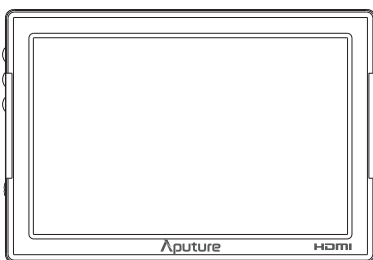
## INTRODUCTION

Aputure V-Screen VS-5X is a pro multifunction monitor with a 7-inch full HD LCD screen (1920X1200 pixels), which provides diverse video interface, such as HDMI, SDI. Also, VS-5X features full information mode.

## ITEM LIST

Before starting, please check that all the following items have been included with Aputure V-Screen VS-5X. If anything is missing, please contact your dealer immediately.

### Monitor



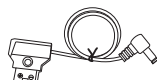
### Accessories



A Type to C Type



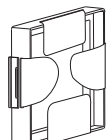
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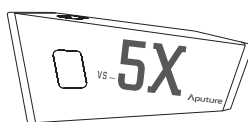
D Type to DC



Universal Hot Shoe Mount



Sunhood Adapter



Sunhood



Warranty Card



Product Manual



Cleaning Cloth



Flexible Bag

## FEATURE



### Full Info. Mode

In this mode, you can monitor the footage. In the mean time, vectorscope, waveform, RGB histogram, and volume bar are provided to assist shooting.



### Timecode

Displaying the timecode via SDI.



### Waveform

There are two waveform modes: Overlay, and Parade.



### Vectorscope

There are two vectorscope modes: 1X, and 2X, which can be used to display color gamut.



### Co-Zebra

Utilize both zebra marking and over exposure monitoring features to assist in exposure adjustment.



### Peak

You can select Red, Yellow, Blue, or White to highlight the contours of sharpest focusing areas, or choose Highlight to present the focusing area by brightness contrast.



### False Color

False Color is used to aid in the setting of camera exposure, which enables proper exposure to be achieved without the use of costly, complicated external test equipment. With the Scale, which is below the image, the user can evaluate the exposure more accurately.



### RGB Histogram

The RGB Histogram is a representation of the distribution of colors in an image. It shows the red, green, and blue channels in histogram.



**Monochrome**

Offer four monochrome patterns, including Grey, Red, Blue and Green.



**Volume Bar**

Monitor the volume in left and right channels. And it is marked by 3 colors, green, yellow, and red, depending the Volume Level.



**Center Mark**

The Center Mark can be displayed together with another marker, Safe Area.



**Safe Area**

A wide range of safe area displays and aspect ratios, 2.35:1/ 1.33:1/ 1.66:1/ 1.85:1/ 70%/ 80%/ 90%, can be selected.



**Flip**

The picture of monitor can be freely flipped both vertically and horizontally.



**Color Temp**

Color Temperatures of 6500K, 9300K or a User preset value can be selected.



**Low Battery Alert**

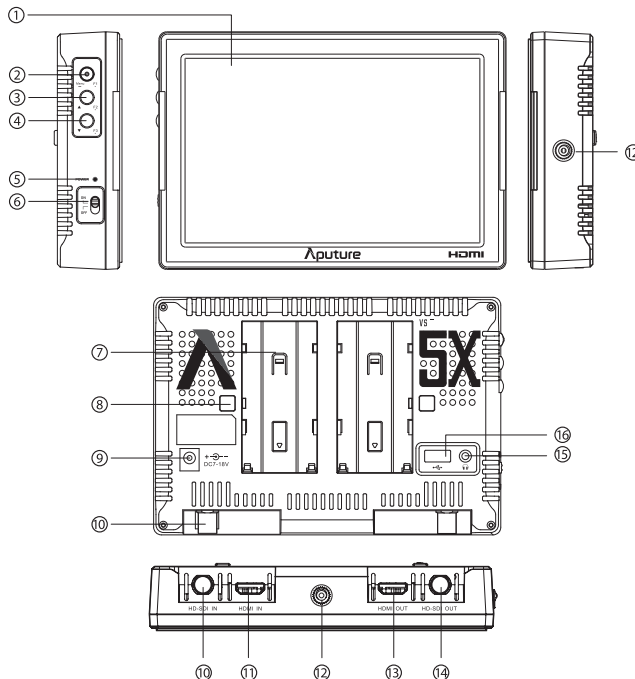
When your battery power is low, a red battery-shaped signal will flicker on the middle of the screen, which means that the monitor may be shut down in a minute. If so, please replace your battery.



**Shortcut**

When menu is under inactivated, the menu button and navigators, which can be assigned to custom functions, can be use as shortcut keys. Every shortcut keys can be assigned to two function. But when a shortcut key is assigned to zoom, the key can only use as zoom, and can be assigned to all zoom modes.

**NOMENCLATURE**

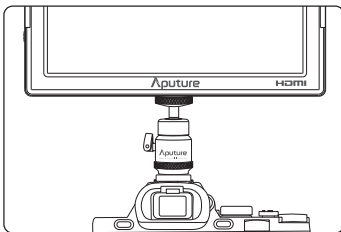


- ① Screen
- ② Menu / F1
- ③ Navigator / F2
- ④ Navigator / F3
- ⑤ Power Indicator
- ⑥ Power Switch
- ⑦ Battery Holder
- ⑧ Battery Lock
- ⑨ Power Input
- ⑩ SDHN
- ⑪ HDMI IN
- ⑫ 1/4" Thread
- ⑬ HDMI OUT
- ⑭ SDI-OUT
- ⑮ Earphone Jack
- ⑯ USB Input

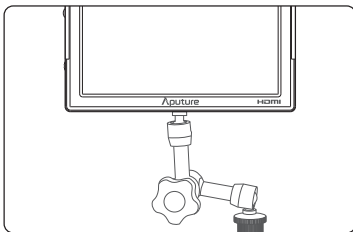
## PREPARATION

### INSTALLATION

1) Mount monitor on your DSLR or camcorder with universal hot shoe mount.

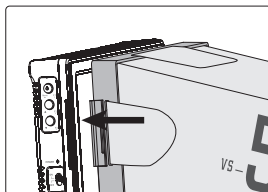
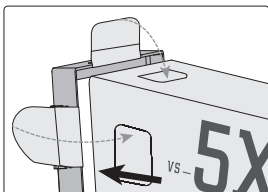


2) Fix V-Screen on the magic hand or other accessories with 1/4" connector, and lock them.



### SUNHOOD

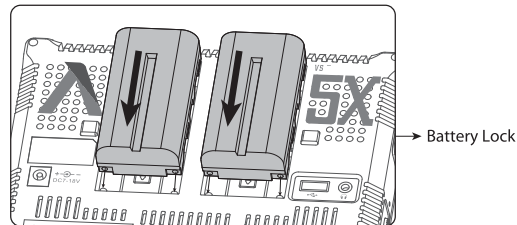
Affix the sunhood on the monitor with tape as shown by the picture.



## POWERING

Assemble: As shown, slot the battery into the Battery Holder.

Disassemble: Press the Battery Lock, and push the battery as shown to disassemble the battery.



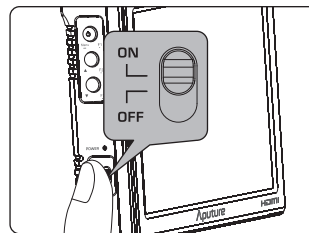
\* The following batteries are recommended: Sony NP-S Series: NP-F550/F570/F770/F960/F970,

Sony NP-FM/QM Series: FM50/FM51/FM55H/FM500H/QM50/QM51/QM71D/QM91D.

\* You can also power it by a DC 7-18V through the input on the back of V-Screen.

## POWER ON/OFF

When you pull Power Switch to ON, the Power Indicator turns into green. When Power Switch is turned to OFF, the Power Indicator is off.



## SIGNAL INPUT

The monitor supports SDI and HDMI. After activating the menu, you can go to "Other Setting-Input" to choose appropriate signal.

## MENU

### ACCESSING THE MENU

<b>ASSIST. FUNC.</b>	Monochrome	◀	off	▶
ADV. ASSIST. FUNC.	False Color	◀	off	▶
MARK	Co-zebra	◀	off	▶
IMAGE	Peak	◀	off	▶
COLOR SETTING	Peak Color	◀	red	▶
SHORTCUT	Color Bar	◀	off	▶
OTHER SETTING	HDSLR Mode	◀	off	▶
EXIT	Time Code	◀	off	▶
	Return			
<b>HDMI 1080p@60Hz</b>	<b>V1.0</b>			

The "Menu", Navigators ("▲" and "▼") can be used to activate menu and navigate in the menu structure.

1. Long pressing "Menu" button allows to activate menu.
2. After short pressing "▲", or "▼" button to choose menu bar, press "Menu" button to access to the function sub-menu.
3. If you want to change the function setting, short press "Menu" after navigating to the option you want, then short press "▲" or "▼" to change the setting, and short press "Menu" to confirm it.
4. Long press "Menu" button for 1 second to exit menu.

### EXTRA OSD

On the top of monitor, there is a bar to show input format, activated feature, and battery status. The bar on the bottom shows shortcut information. Also, you can close the bar on the bottom in "Other Setting-Extra OSD"

### FIRMWARE UPDATE

VS-5X monitor is constantly under development, which means Aputure may release latest firmware on official website.

- 1) Website: <http://www.aputure.com/VS-5X/update>
- 2) Please update firmware following the instructions on our official website.

## SPECIFICATIONS

Model	VS-5X	
Display	Panel	7.02"
	Native Resolution	1920x1200
	Brightness	450cd/m <sup>2</sup>
	Contrast	1200:1
	Viewing Angle (CR > 10)	160/160(H/V)
Input/Output	HDMI	Yes
	HD-SDI	Yes
Audio	Earphone Jack	Ø3.5mm
Power	Current (Voltage=12V)	700mA
	Input Voltage	DC 7-18V
	Power Consumption	≤9W
	Batteries	Sony NP-F Series: NP-F550/F570/F770/F960/F970 NP-FM/QM Series: FM50/FM51/FM55H/FM500H/QM50/QM51/QM71D/QM91D
Operation Environment	Operation Temperature	0°C~55°C
	Storage Temperature	0°C~70°C
	Humidity	30%~70%
Physical Property	Dimension	180X122X35mm