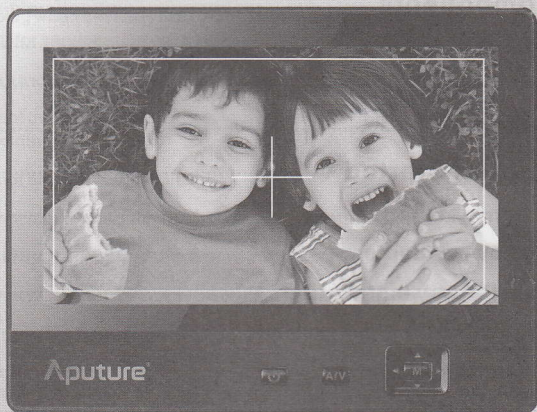


Aputure®

V-Screen VS-1

7" LCD Digital Video Monitor



User Manual



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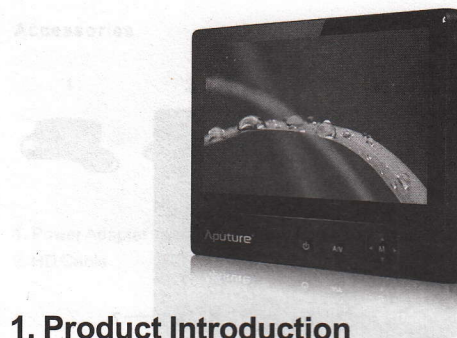
Safety Notice

To prevent damage to your product or injury to yourself or to others, read the following safety precautions in their entirety before using this equipment. Keep these safety instructions where all those who use this equipment will read them.

1. Don't immerse in water or expose to rain. May result in fire or electric shock.
2. Use the included power adapter or batteries listed in this manual.
3. Unplug when device is in extreme temperatures or smoking. Return to retailer for service.
4. Keep away from strong light to obtain the clearest results.
5. Do not use chemical solutions to clean this unit. Simply wipe with a soft, clean cloth.
6. Do not block any vent holes.
7. Do not place heavy things on the device. Keep all liquids away.
8. Avoid heavy impact or drops onto the ground.
9. Do not disassemble the unit. Seek service from qualified technicians when needed.

Foreword

Thanks for purchasing Aputure® V-Screen, a field monitor designed to take your video shooting to the next level. It enables accurate monitoring and focusing when a small screen just won't cut it. It packs many features in a small body and supports multiple signal inputs. For the best results, read this user guide carefully.



1. Product Introduction

Aputure V-Screen is an ultra-thin 7" TFT-LCD monitor featuring crystal clear WVGA/HD display, low power consumption, multiple aspect ratios, and more. It accepts HD, AV (Audio/Video1/Video2), and analog inputs from your DSLR or camcorder. V-Screen also includes a double power supply, universal hot shoe mount, and sunshade cover.

Main Features

Function:

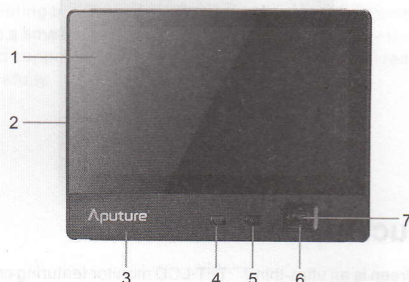
1. Supports various signal inputs (HD, YPbPr & AV)
2. Multiple shortcut options
3. Double power supply
4. Intelligent charging
5. 16:9, 4:3 and Full display ratios
6. Speaker and headset stereo output
7. Firmware updates via USB
8. Six language choices

Design:

1. Simple & elegant design
2. Slim & light body
3. Universal hot shoe mount with swiveling head
4. Sunshade cover to monitor in bright sunlight
5. Uses industry-standard 1/4" screw mount
6. Fits various combinations with Magic Hand

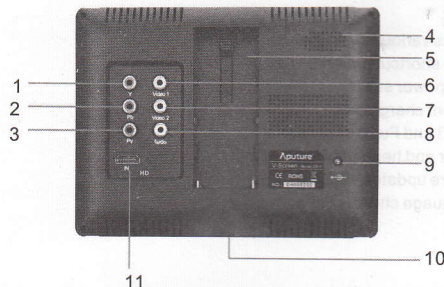
2. Components

Front



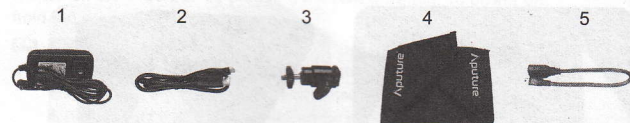
- | | | |
|--|------------------------|------------------|
| 1. LCD Display | 3. Earphone Jack | 6. Direction Pad |
| 2. Mini USB Input (only for firmware upgrades) | 4. Power Switch | 7. Menu Button |
| | 5. Signal Switch <A/V> | |

Back



- | | | |
|--------------------|-------------------------|-------------------------|
| 1. Y Signal Input | 5. Battery Slot | 9. DC Power Screw Mount |
| 2. Pb Signal Input | 6. Video 1 Signal Input | 10. 1/4" Jack |
| 3. Pr Signal Input | 7. Video 2 Signal Input | 11. HD Signal Input |
| 4. Speaker | 8. Audio Jack | |

Accessories



- | | | |
|------------------|-----------------------------|---------------------------|
| 1. Power Adapter | 3. Universal Hot Shoe Mount | 5. Firmware Upgrade Cable |
| 2. HD Cable | 4. Folding Sunshade | |

3. Getting Started

V-Screen Installation

1) Mount on camera or camcorder

Fix V-Screen on your DSLR camera or camcorder with the universal hot shoe mount, then connect them by HD or AV cable (Purchased separately).



2) Mount on the Magic Hand

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



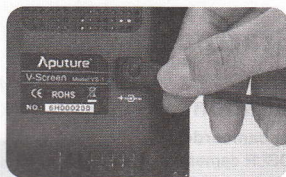
3) Fix the sunshade cover

Fix the sunshade cover on the V-Screen with the tape as shown by the picture.



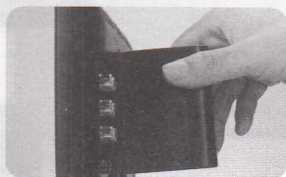
Using Power Adapter

To power by adapter, connect the DC Adapter to the DC Input on the back of V-Screen.



Lithium Battery Installation

Insert lithium battery into the battery slot as shown below.



Note:

1. Lithium batteries should be purchased separately. You can use: Sony F970/F550/NP-FM500H.
2. There's no need to remove the batteries when powered by adapter. DC power will charge the batteries and battery power will be displayed in the top left corner of the screen.

Power Switch

Switch on the V-Screen by pressing the power switch. To power off, hold the power switch for 2 seconds.

Note:

1. Power indicator lights red when connected with power.
2. Power indicator lights green when turned on.
3. A red battery indicator will blink on the screen when power is low. Replace batteries immediately

Signal Input Switch

Press the <A/V> button to choose appropriate signal input mode. Ex: Switch to HD mode to receive HD signal.

Enter Sleep Mode

Enters sleep mode after 30 seconds when there is no signal. Awake unit by pressing any button except power switch.

4. Function and Operation

1. Before setting functions, make sure device is connected correctly.
2. Before entering the menu, the Direction Pad has several default functions:
<▲/▼> = brightness adjustment; <◀/▶> = contrast adjustment.

Note:

Refer to P9 to set shortcuts as needed.

3. Press <M> on the V-Screen to enter the menu. Press <▲/▼> to choose from the main menu, including display, menu, function, and shortcut settings. Then press <▶> to enter sub-menu. Press <▲/▼> to navigate the sub-menu, and <◀/▶> to adjust parameters. Press <M> to confirm and return to the main menu. Press once more to exit the menu.

Note:

1. V-Screen will exit menu when no operation for 5 seconds.
2. Refer to P8 to adjust the display time.

(1) Display Settings

a. Color Temp: User/6500K/7500K/9300K

■ Note:

1. V-Screen can adjust red/green/blue only in User mode
2. Setting R/G/B from 0 to 255; Default setting: R/G/B=128

b. Mono: OFF/Mono/Red/Green/Blue (OFF by default)

c. Center Marker: OFF/ON (OFF by default)

d. Screen Marker: OFF/95%/93%/90%/88%/85%/80% (OFF by default)

e. P2P (Point to Point): OFF/ON (OFF by default)

f. Blanked Display: OFF/HV-BLANK/ H-BLANK/V-BLANK(OFF by default)

g. Under Scan: OFF/ON (OFF by default)

h. Camera: OFF/ON (OFF by default)

Display	Color Temp	6500K
OSD	Mono	OFF
Function	Center Marker	ON
ShortCut	Box Marker	OFF
	Point to Point	OFF
	Blanked Display	OFF

(2) OSD Settings

a. Language: English/Chinese/Japanese/Italian/Spanish/Germany (English by default)

b. Horizontal Position: 0~100 ('50' by default)

c. Vertical Position: 0~100 ('50' by default)

d. Menu Transparency: OFF/1~6('1' by default)

e. Menu Time: 5/10/20/30/40/50/60s ('5s' by default)

f. Firmware Version: V1.1 2013.04.12

Display	Language	English
OSD	Horizontal Position	50
Function	Vertical Position	50
ShortCut	Menu Transparency	6
	Menu Timer	60S
	Firmware Version	V1.1 2013.04.12

(3) Function Settings

a. Aspect Ratio: Full/4:3/16:9 (Full by default)

b. Zoom: x1/x5/x10 ('x1' by default)

c. Freeze: OFF/ON (OFF by default)

d. Flip-H: OFF/ON (OFF by default)

e. Flip-V: OFF/ON (OFF by default)

f. Software Upgrade (ISP)

Instructions:

1. Download the upgraded firmware to USB stick and then connect with V-Screen by the firmware upgrade cable. Press 'Yes' to upgrade the firmware.
2. V-Screen shows "upgrading" on the screen when entering Firmware Upgrade mode. It will return to video feed when no new software is found. It will restart automatically when upgraded successfully.

g. Reset (Factory Default)

Instructions:

V-Screen will display a pop-up message when pressing <▶>, asking permission to reset all settings. Navigate to 'Yes' and press 'M' to reset settings to factory default. The device will refresh automatically. Navigate to 'No' to cancel and press 'M' to return to the main menu.

Display	Zoom	X1
OSD	Freeze	OFF
Function	Restore to Factory Settings?	
	YES	NO
ShortCut	Software Upgrade	
	Reset	

(4) Shortcut Settings

V-Screen can apply different shortcuts to the <▲▼◀▶> buttons. Shortcuts includes volume, brightness, contrast, check field, aspect ratio, zoom and screen marker. In the menu, press <◀/▶> to switch between various shortcut settings.

Display	Left-Right	Contrast
OSD	Up-Down	Brightness
Function		
ShortCut		

5. Specifications

Display	Model	VS-1
	Panel	7.0" LCD
	Resolution	800 x 480 display, supports up to 1920 x 1080 input
	Aspect Ratio	16:9/4:3/Full Screen
	Brightness	400cd/m ²
	Contrast	500:1
	Viewing Angle	140°/120° (H/V)
Input	HD	YES
	YPbPr	YES
	AV	YES
Output	HD	NO
Audio	Speaker	YES
	Earphone Jack	Φ 3.5mm
Power	Current	500mA
	Input Voltage	DC 9~16V
	Power Consumption	≤6W
	Lithium Batteries	Sony NP-F series: NP-F550/F570/F770/ F960/F970 NP-FM/QM series: FM50/FM51/FM55H/ FM500H/QM50/QM51/ QM71D/QM91D
Environment	Operation Temperature	-20℃~60℃
	Storage Temperature	-30℃~70℃
Dimension	Dimension	182 x 138 x 23mm
	Weight	372g

6. Troubleshooting

Power indicator LED doesn't work.

Make sure the adapter is connected tightly or battery is properly installed.

Power indicator LED lights red.

- Make sure V-Screen is turned on.
- Make sure batteries are charged.

No image displays when power indicator LED lights green.

- Make sure the signal cable is connected tightly and switch on the signal source.
- Check the input frequency and confirm it is compatible with V-Screen.

Wrong display or abnormal colors.

Adjust the settings according to the manual as needed.

The device is without sound.

- Enter Shortcut Settings and adjust the volume.
- Make sure the signal cable is connected tightly.

The device can't function properly.

Apply preset function and return to factory default settings.

(The instruction and information in this manual are based on strict, controlled company testing procedures. Further notice will not be given if the design and specifications change.)