Aputure®

www.aputure.com

Aputure®

V-Screen

Digital Video Monitor

视 频 拍 摄 监 视 器

User Manual

使 用 者 指 南

Vivo Movie Solution

AP-025

Monday, January 14, 2013 11:56:33 AM

目 录

安全须知 ····· 1
前言 ····· 2
一、产品功能简介 ····· 3
主要特点 ····· 3
二、各部件名称 ····· 4
1.前视图 ····· 4
2.后视图 ····· 4
3.附件 ····· 5
三、使用前准备 ····· 5
1.监视器的安装 ····· 5
2.使用电源适配器 ····· 6
3.锂电池安装 ····· 6
4.开关机 ····· 7
5.切换输入信号 ····· 7
6.HDMI输出(VS-2) ····· 7
7.自动休眠 ····· 7
四、功能菜单操作 ····· 7
五、技术参数 ····· 10
六、常见问题 ····· 11

安全须知

为了防止对产品造成损害或伤害到您自己或他人，请在使用前充分 阅读下面的安全需知，并妥善保管以便所有本产品使用者可随时参阅。

1.切勿让本装置遭雨淋或受潮，以免火灾或触电的发生。

2.请使用自带电源适配器或者规定电池，以便安全使用。

3.使用中若发现温度异常或冒烟现象，应立即切断电源，停止使用，并送到授权经销商予以合理的处理。

4.使用时显示屏幕应避开强光照射，以保证图像效果及监视器的长期使用。

5.当清洁监视器时，请选用干软布沾上中性清洁剂将其污垢擦去，切忌使用烈性的清洁剂，如稀释剂、汽油或酒精等。

6.使用过程中，散热口切勿有遮盖物以免影响产品散热而损坏设备。

7.切勿将重物置于监视器上或使液体掉入其内部。

8.监视器内部虽有防震保护措施，但还应避免剧烈碰撞。

9.当遇到任何故障时，请勿自行拆卸设备，应联系有资格的维修技师或服务中心进行检查维修。

前 言

感谢您购买爱图仕视频拍摄监视器，本产品适用于带有相关接口的数码单反相机、微型单反相机及摄像机。其功能丰富、外观小巧、操作简便、使用安全，并支持多种信号输入如HDMI、分量YPbPr、AV（Audio、Video1、Video2）。在使用本产品之前，请仔细阅读使用说明，了解其特性，以便充分发挥产品的各项性能。

AP-025
Monday, January 14, 2013 11:56:34 AM

一、产品功能简介

爱图仕视频拍摄监视器是一款超薄、时尚的高清监视器。本监视器采用先进的集成电路与优质的TFT-LCD显示屏，具有画面清晰、功耗低、性能稳定、低辐射等优点。其采用双供电系统，搭配万向热靴座以及遮阳罩，无论室内还是外出均可使用。

主要特点:

功能

1.多种高清、标清视频接口，HDMI/分量YPbPr/复合模拟视频AV输入
2.人性化快捷键设置，操作简捷
3.双供电系统，可直接使用锂电池供电,并带智能充电功能
4.16:9/4:3/全屏
5.带扬声器和耳机立体声输出
6.USB升级功能
7.6国语言选择
8.带HDMI输出（VS-2）

设计

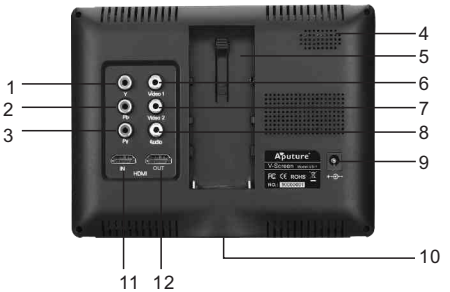
1.设计精美、简洁时尚
2.超薄机身
3.配备万向热靴座，方便不同角度查看
4.配备遮阳罩可室外使用
5.带有1/4"螺孔，支持多种安装方式

二、各部件名称

前视图

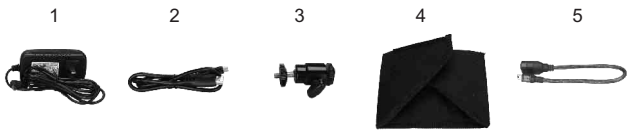
1. LCD显示屏
2. 迷你USB接口
（仅限程序升级使用）
3. 耳机孔
4. 开关键
5. 信号切换键<A/V>
6. 菜单键
7. 方向键

后视图



1. Y信号输入口
2. Pb信号输入口
3. Pr信号输入口
4. 扬声器
5. 电池仓
6. Video 1信号输入口
7. Vedio 2信号输入口
8. Audio信号输入口
9. DC电源插孔
10. 1/4"螺孔
11. HDMI输入口
12. HDMI输出口
（仅限VS-2）

附件



1. 电源适配器
2. HDMI线
3. 万向热靴座
4. 遮阳罩
5. 软件升级线

三、使用前准备

1.监视器的安装

1）直接安装于相机或摄像机上

将监视器用万向热靴座安装在单反相机或摄像机的热靴上，通过HDMI线或者AV线（AV线需另购）连接相机或摄像机。

2）安装于魔术手支架等附件上

将监视器的1/4"螺孔安装在如魔术手支架等带有1/4"螺丝的附件上，并旋紧。

3）安装遮阳罩

将遮阳罩按图示安装在监视器上，拉紧松紧带粘贴。

2.使用电源适配器

将电源适配器分别接入插座及产品DC电源插孔中。

3.锂电池安装

将锂电池按图示装入监视器背面电池仓。

小贴士：

1. 本产品使用索尼 F970/F550/NP-FM 500H 锂电池（电池需另购）。
2. 本产品有充电功能，即同时安装适配器和电池时可自动给电池充电，并在屏幕左上角显示充电指示。

AP-025
Monday, January 14, 2013 11:56:35 AM

4.开关机

接上电源后，此时电源灯亮红色，按下电源开关即可开机，开机后电源灯亮绿色。当您不需要使用本产品时，长按2秒即可关闭电源。

小贴士：

当电池电量不足时，屏幕会显示红色电池空框符号，并一直闪烁，请及时更换电池。

5.切换输入信号

当有信号输入时，请通过A/V信号切换键切换相应的信号模式来接收信号。如输入信号为HDMI，您只需将A/V键切换到HDMI模式即可。

6.HDMI输出(VS-2)

当监视器输入HDMI信号时，同时可输出HDMI信号。

7.自动休眠

开机后如无输入信号，30秒后产品会自动休眠。如要唤醒监视器，按任意按键即可（开关键除外）。

四、功能菜单操作

1．在进行菜单操作之前，请确保设备都已连接正确，接入相应的信号及电源。

2．在未进入功能菜单情况下，方向键默认设置如下：<▲/▼>键默认为亮度调节快捷键；<◀/▶>键为对比度调节快捷键。

小贴士：

快捷键可在功能菜单下进行设置，详细操作请看P10。

3．按下<M>菜单键，屏幕中央区域显示功能菜单对话框，此时你可以通过<▲/▼>键来选择需要的选项：显示设置、菜单设置、功能设置、快捷键。在选择相应的选项后，按<▶>键进入子菜单，然后通过<▲/▼>键来进行各个子菜单的切换选择。选中需要的功能时，按<◀/▶>方向键进行功能调整。如果需要退出到上一菜单，可按<M>菜单键退出，当退出到主菜单时，再按一次<M>菜单键即可退出菜单。

小贴士：

如果进入菜单5秒后无任何操作（菜单时间可调节，具体可参考P8），菜单将自动退出。

1）显示设置

a、色温设置：用户/6500K/7500K/9300K;

小贴士：

1.当切换到"用户"项时，可设置R/G/B参数值。

2.R/G/B每项值的设置范围为0~255，初始值：R/G/B=128。

b、单色显示：关/单色/红/绿/蓝（初始值为“关”）

c、中心标记：关/开（初始值为“关”）

d、框形标记：关/95%/93%/90%/88%/85%/80%（初始值为“关”）

e、点对点：关/开；（初始值为“关”）

f、消隐显示：关/行场消隐/行消隐/场消隐（初始值为“关”）

g、欠扫描：关/开（初始值为“关”）

2）菜单设置：

a、语言设置：英/中/日/意大利/西班牙/德（初始为“英文”）

b、水平位置：0~100（初始值为“50”）

c、垂直位置：0~100（初始值为“50”）

d、菜单透明度：关/1~6（初始值为“1”）

e、菜单显示时间：5/10/20/30/40/50/60s（初始值为“5s”）

AP-025
Monday, January 14, 2013 11:56:36 AM

3）功能设置

a、画面比例：全屏/4：3/16：9（初始值为“全屏”）

b、缩放： X1/X5/X10（初始值为“X1”）

c、静像：关/开；（初始值为“关”）

d、水平翻转：关/开；（初始值为“关”）

e、垂直翻转：关/开（初始值为“关”）

f、软件升级(ISP)

软件升级操作：

1. 软件升级需从官网下载到U盘上，然后使用配备的软件升级线连接升级。

2. 插好U盘并选择此项功能后，画面会显示“正在升级中……”字样，若检测不到升级程序，则画面返回当前显示画面；若检测到升级程序，开始升级，升级成功后会重启设备。

g、预设（恢复出厂设置）

选择此项功能后，按<▶>可进入设置，此时会弹出对话框。若选择“确定”，按“M”键屏幕自动刷新，并恢复到出厂设置；若选择“取消”，按“M”键退出。

4）快捷键设置

监视器能对<▲▼◀▶>方向键设置快捷功能，可设置的快捷功能有音量、亮度、对比度、单色显示、画面比例、缩放、框形标记。

五、技术参数

显示	型号	VS-1	VS-2
	屏幕	7.0″LCD标清屏	7.0″LCD高清屏
	物理分辨率	800 x 480，最高支持1920 x 1080	1024 x 600，最高支持1920 x 1080
	显示比例	16:9/4:3/全屏	16:9/4:3/全屏
	亮度	400cd/m²	250cd/m²
	对比度	500:1	800:1
	可视范围	140°/120°(H/V)	160°/150°(H/V)
输入信号接口	HDMI	1	1
	YPbPr	1	1
	AV	1	1
输出信号接口	HDMI	0	1
音频	扬声器	1	
	耳机	Φ3.5mm	
电源	工作电流	500mA	
	输入电压范围	DC 9~16V	
	功率	≤6W	
	适用锂电池	索尼 NP-F 系列：NP-F550/F570/F770/F960/F970 NP-FM/QM 系列：FM50/FM51/FM55H/FM500H/QM50/QM51/QM71D/QM91D	
工作环境	工作温度	-20℃~60℃	
	储存温度	-30℃~70℃	
体积	外观尺寸	182 x 138 x 23mm	
	重量	380g	

AP-025
Monday, January 14, 2013 11:56:36 AM

六、常见问题

1.电源指示灯不亮
请检查电源线是否插紧，或电池是否安装到位

2.电源指示灯呈红色
- 请检查设备是否开机
- 请检查电池电量是否充足

3.电源指示灯呈绿色，但画面不显示
- 请检查信号线是否接好，或者信号源是否开启
- 请检查信号模式是否与信号源匹配

4.画面不在屏幕中心、大小不合适、亮度不合适、偏色等
在当前的工作模式下做画面调整，使用相关功能按键将画面调节到您所希望的状态

5.视频无声音
- 请进入快捷键设置查看音量大小是否正确
- 信号线未插紧

6.监视器存在不正常现象
您可以尝试进入菜单恢复出厂设置

此说明书依据本公司严格测试制定。设计和规格如有变更，恕不另行通知。

Aputure®

V-Screen
Digital Video Monitor

User Manual

Vivo Movie Solution

Index

Safety Notice 1

Foreword 2

1. Product Introduction 3

Main Features 3

2. Components 4

Front 4

Back 4

Accessories 5

3. Getting Started 5

V-Screen Installation 5

Using Power Adapter 6

Lithium Battery Installation 6

Power Switch 7

Signal Input Switch 7

Supports HDMI Signal Output (VS-2) 7

Enter Sleep Mode 7

4. Function and Operation 7

5. Specifications 10

6. Troubleshooting 11

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.

AP-025
Monday, January 14, 2013 11:56:37 AM

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 HDMI, 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 (HDMI, 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
9. Supports HDMI signal output (VS-2)

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

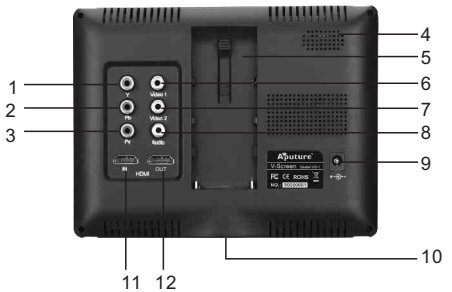
AP-025
Monday, January 14, 2013 11:56:37 AM

2. Components

Front

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

Back



1. Y Signal Input
2. Pb Signal Input
3. Pr Signal Input
4. Speaker
5. Battery Slot
6. Video 1 Signal Input
7. Video 2 Signal Input
8. Audio Jack
9. DC Power Screw Mount
10. 1/4" Jack
11. HDMI Signal Input
12. HDMI Signal Output (VS-2)

Accessories

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

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 HDMI or AV cable (Purchased separately).

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

AP-025
Monday, January 14, 2013 11:56:37 AM

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 HDMI mode to receive HDMI signal.

Supports HDMI Signal Output

V-Screen VS-2 not only supports HDMI signal input, but also has a unique HDMI output function.

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.

AP-025
Monday, January 14, 2013 11:56:37 AM

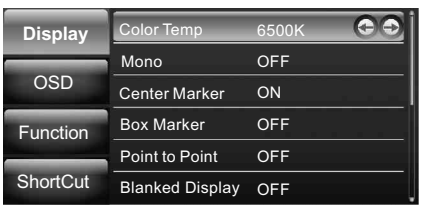
Note:
1. V-Screen will exit menu when no operation for 5 seconds.
2. Refer to P8 to adjust the display time.

(1) Display Settings

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

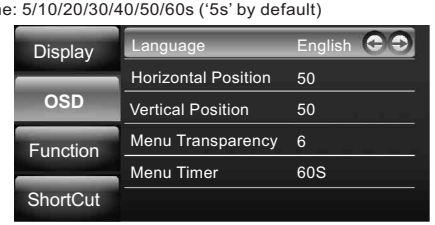
Note:
1. V-Screen can adjust red/green/blue only in User mode
2. Setting R/G/B from 0 to 255; Default setting: R/G/B=128

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)



(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)



(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.

(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.

5. Specifications

Display	Model	VS-1	VS-2
	Panel	7.0" LCD	7.0" LCD
	Resolution	800 x 480 display, supports up to 1920 x 1080 input	1024 x 600 display, supports up to 1920 x 1080 input
	Aspect Ratio	16:9/4:3/Full Screen	16:9/4:3/Full Screen
	Brightness	400cd/㎡	250cd/㎡
	Contrast	500:1	800:1
	Viewing Angle	140°/120° (H/V)	160°/150° (H/V)
Input	HDMI	1	1
	YPbPr	1	1
	AV	1	1
Output	HDMI	0	1
Audio	Speaker	1	
	Earphone Jack	Φ3.5mm	
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	380g	

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.)

AP-025
Monday, January 14, 2013 11:56:39 AM