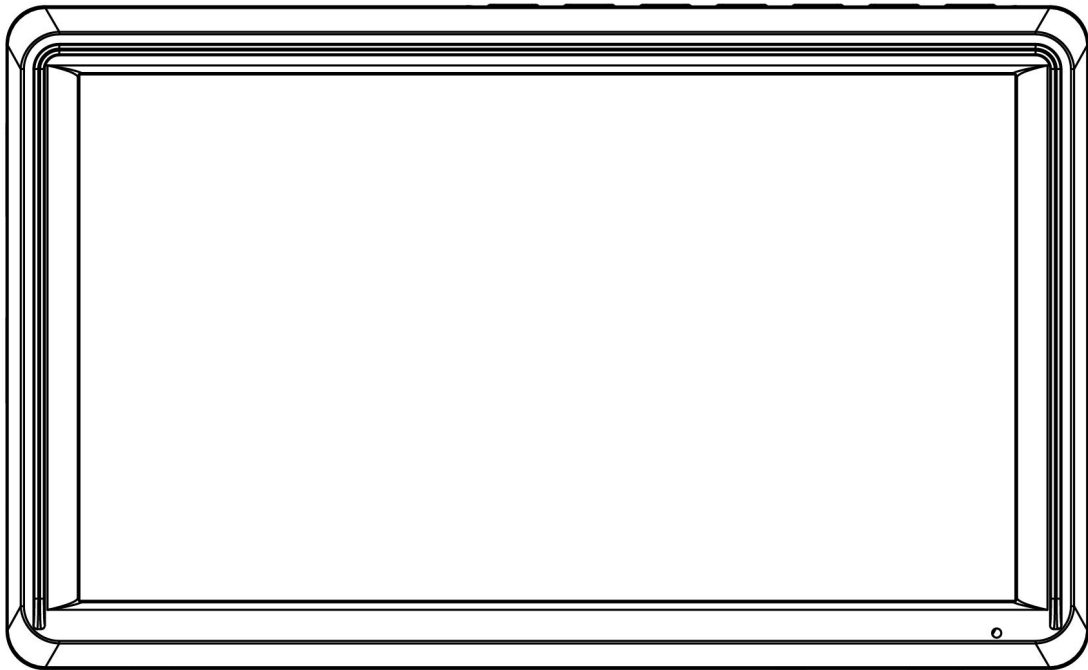


ANDYCINE

6" FHD Camera Field Monitor

Super Lightweight



A6 V2

User Manual

Send an Email to cs@andycine.com if you need any customer support.

Overview

Thank you for choosing the ANDYCINE A6 V2 High Bright Monitor.

Featuring a super high-resolution screen in a lightweight polycarbonate ABS chassis, and an array of essential production tools including waveform monitoring, vector scope, luma, focus assist 3D Lut, Power Output functions etc will help your accurate exposure in still and film.

This user manual will get you up to speed with all the amazing features packed into the A6 V2 . Stay up-to-date with the latest information and software on www.andycine.com

Please read this manual carefully before you use.

Safety Instructions

The A6 V2 is designed to a high standard but there are some things you should be aware of to prolong the life of the unit and for your own safety.

Using the A6 V2 safely

Although the A6 V2 is very lightweight compared to all the devices it replaces, it is still a solid object that could cause injury if misused.

- Always make sure that the A6 V2 is mounted securely and is unable to fall onto anyone nearby. This is especially important when there are children present who might be tempted to pull on cables.
- Always ensure that cables that run to the A6 V2 are clearly visible and do not present a trip hazard.
- Do not place on uneven or unstable surfaces.

- Do not touch the A6 V2 screen with sharp, metallic or abrasive objects.
- Do not expose to strong electrical or magnetic fields.
- Do not expose to liquids, rain or moisture.
- Do not dispose of the A6 V2 in municipal waste and do not incinerate it, always follow local regulations for safe disposal.

HDMI cables

Please remember that almost all HDMI cables do not use locking connectors and will simply pull out if they are jerked or tripped over.

Please ensure your cables make a secure connection and avoid flexing them excessively to maintain reliability.

Optional accessories including power and accessory kits and are also available. Visit www.andycine.com for the latest accessory options.

NP-F Battery

Carry Case

HDMI to HDMI Cable

HDMI to Mini HDMI Cable

DC 12V Power Adapter

D-tap to 2pin DC Power Cable

Key Features

High-resolution 1920 x 1080 IPS Panel

Supports 3D LUT Log to REC.709 and user 3D LUT upload (up to 32)

Focus assist (red, green, blue three colors optional highlight over parts of the image in focus).

Zebra/False color/Zebra exposure/Check field (red, green, blue, mono)

Scan mode (underscan, overscan)

RGB Histogram

Zoom (2x, 4x, 9x, 16x, user)

Anamorphic mode (1.33x, 1.6x, 2.0x, 2.0x mag, user)

Center marker

Ratio Marker (4:3, 13:9, 14:9, 15:9, 16:9, 1.85:1, 2.35:1, 9:16)

Image flip (H, V, H/V)

Image freeze

Multiple power supply modes, DC IN 12V, Type-C 5V and NP-F battery slot/LP-E6 slot.

DC 8.4V power out to power your DSLR camera or mirror-less camera

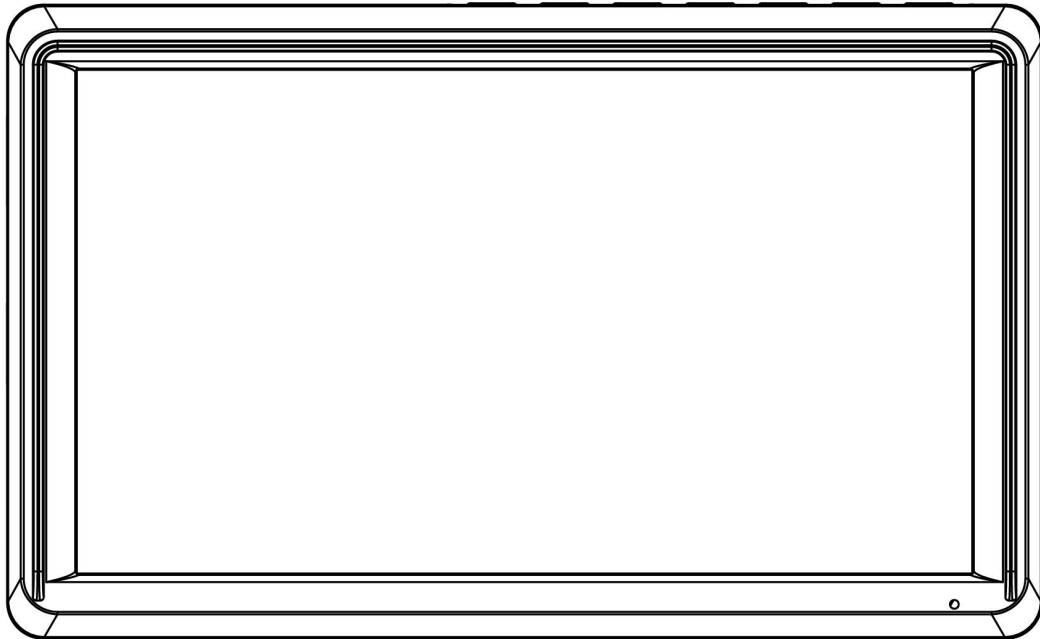
Stereo Earphone output

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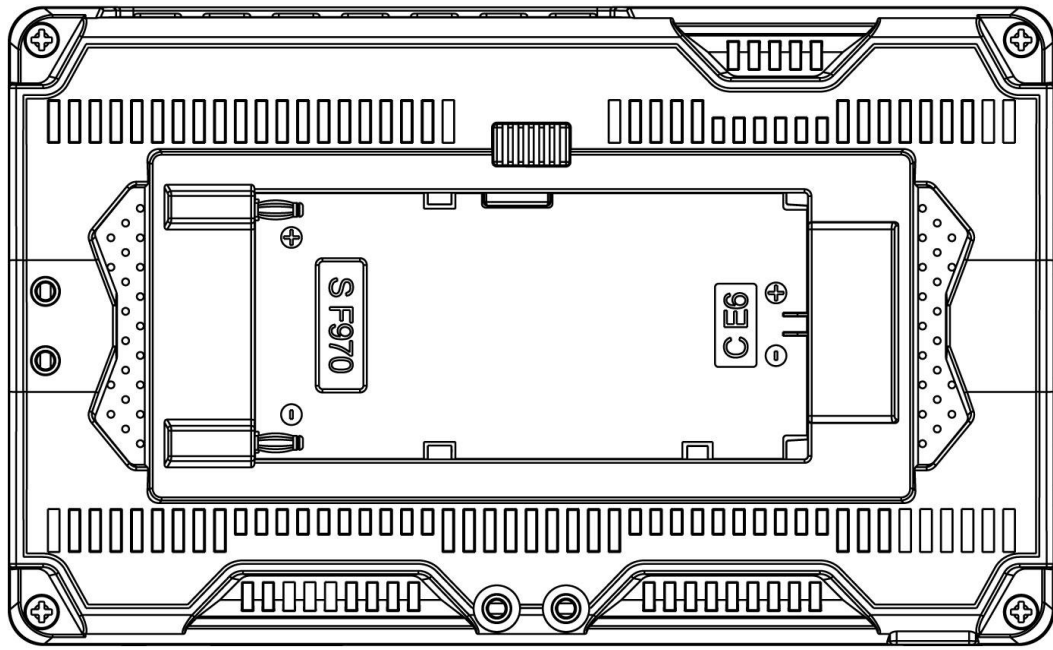
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1. Product Description

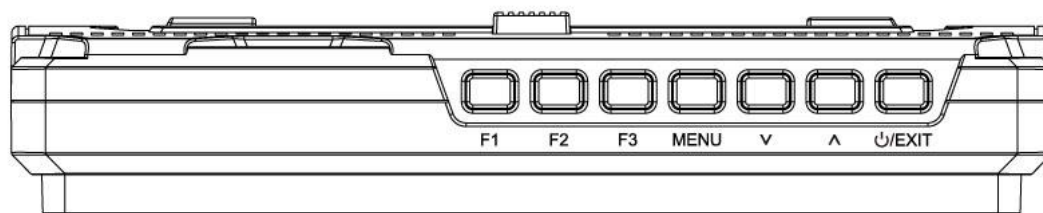
● Front Panel



● Back Panel

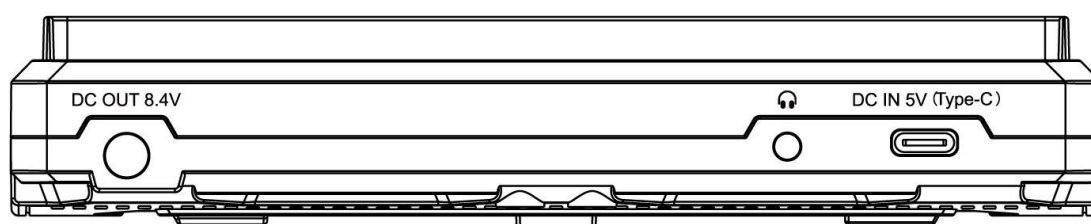


1.1 Button Instruction



Button	Function when OSD is not displayed	Function when OSD is displayed
F1	Custom button F1	/
F2	Custom button F2	/
F3	Custom button F3	/
MENU	Display OSD Main menu	Return to previous OSD menu
V	Decrease the volume or backlight	Select next menu item; Decrease or adjust value of selected parameter
^	Increase the volume or backlight	Select previous menu item; Increase or adjust value of selected parameter
EXIT/⏻	Power On/Off button; Return/Exit Menu	

1.2 Port Instruction (bottom)



DC OUT 8.4V: DC power output interface, polarity as the output power



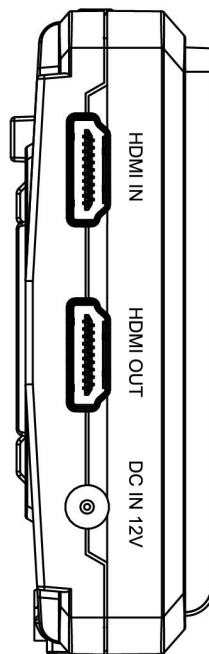
Barrel output for powering your camera with a separately available DC coupler via adaptor (like NP-FW50 Sony & LP-E6 Canon&DMW-BLF19 Panasonic).



: 3.5mm Earphone port output

DC IN 5V (Type-C): Type-C power input. It is recommended to be used for local power supply only. It is not recommended to connect other devices to provide loop-out power. It also uses to firmware update and LUT files import.

1.3 Port Instruction (left)



HDMI IN: HDMI signal input

HDMI OUT: HDMI signal output

DC IN 12V: DC power input interface, polarity as the input

power 

1.4 Power Supply Way

- (1) The rear cover of the monitor is equipped with F970 and E6 dual-purpose battery plate, which is applicable to F970 series of batteries and E6 series of batteries.
- (2) Barrel (5.5mm outer, 2.1mm inner) at the left side of the

monitor, DC 7~24V Input.

- **Sony F970 battery plate for battery of Sony DV:**

Sony F970 F960 F950 F930 F770 F750 F730 F570 F550 F530
series

- **LP-E6 battery plate for battery of Canon DV:**

Canon LP-E6

Remark: It is recommended to use standard original F970 batteries.

Different specifications of the battery have different capability. The working time for the monitor will be different. Higher capability (working time) will be longer. Please take off the battery from the monitor if you don't use the monitor in a long time.

(3) The bottom of the monitor has a Type-C 5V input power port.

This port can be connected to the power bank for power supply and is not used for data transmission; it is recommended to be used only for local power supply, and it is not recommended to connect other devices to provide loop-out power.

1.5 Mount Points

(1) 1/4" Screw Lock Installation

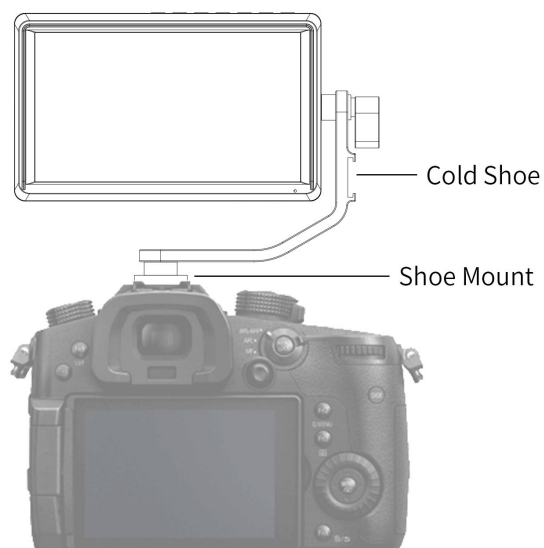
The 1/4 screw lock can be installed on the monitor (bottom, right side).



- ① Fasten the 1/4" screw lock with the monitor.
- ② Use 2 screws to fasten the 1/4" screw lock and the monitor.

(2) Tilt Arm Mounting

The monitor secures to your camera using the included Tilt Arm via shoe mount or 1/4"-20 thread. The Tilt Arm enables 180° of tilt for convenient monitoring at nearly any angle. A cold shoe on the Tilt Arm lets you secure equipment (like a microphone, LED light, or wireless receiver) that would otherwise be displaced from the camera's accessory shoe.



1.6 Sunshade



① Velcro



② Sunshade Frame (Paste Velcro)



③ Sunshade



④ Sunshade Application

Attach the Velcro (hook side) ① to the outside of the sunshade frame of the monitor, open the sunshade ③, and align the Velcro (loop side) on the inside of the sunshade with the Velcro (hook side) ② on the monitor sunshade frame, and then complete the sunshade installation ④.

2. Menu Operation Instruction

After correctly connect to the power supply (red indicator), the monitor default to turn on automatically, the indicator turns Yellow, and then input HDMI signal, the indicator will turn Green from Yellow.

You can also set the power to Manually in menu System--Power setting.

After setting, you need to long press **EXIT/⏻** to turn on the monitor when plug the power supply.

2.1 When the menu is not displayed, directly press the "∨" or

"^" button to adjust the volume or backlight. You can set in the **Left**

Right Key Set of  **menu User Option** 

2.2. Press "**MENU**" button to enter OSD main menu, press MENU button again to enter secondary menu, then press "∨" or "^" button to select items, after selected press MENU button to confirm and enter function menu, press "∨" or "^" button to select the corresponding function or adjust the parameters.

2.3. Press **EXIT/⏻** button to return / exit the menu

3. Menu Function Instruction



 All Waves	On, Off After turning on, waveform, vector, histogram and embedded audio will be shown.
	On, Off Mode : RGB、YUV、Y

 Waveform	Position X: 0~100 (moving the waveform horizontally) Position Y: 0~100 (moving the waveform vertically) Waves Trans. : Off, 25%, 50%, 75% This essential feature assists with the calibration of professional video cameras. It shows the overall brightness of the image assisting the video professional in correcting exposure. The waveform feature also checks the evenness of the lighting when lighting a chromakey or background.
 Vector	On, Off Position X: 0~100 (moving the Vector horizontally) Position Y: 0~100 (moving the Vector vertically) shows how saturated the image is and where the pixels in the image land on the color spectrum.
 Histogram	On, Off Mode: RGB1、RGB2、Y Position X: 0~100 (moving the histogram horizontally) Position Y: 0~100 (moving the histogram vertically) RGB Histogram:It can display the graphic of color tone distribution, can intuitively display the exposure status of the image, and display overlapping histograms in red, green, and blue channels Y Histogram: A quantitative tool to check the picture brightness, display different color for different brightness.
 Focus Assist	On, Off Color : (Red, Green, Blue) Peaking Level :you can adjust the peaking level after turning on(1 ~ 10) It highlights the areas that are in focus so you are able to quickly focus the camera and not miss crucial shots.
	On, Off Position X: 0~100 (moving the audio level horizontally)

Embedded Audio	Position Y: 0~100 (moving the audio level vertically) The Audio Level Meters provide numerical indicators and headroom levels.
 Over Exposure	On, Off Exposure Level : you can adjust the exposure level after turning on (10~100) Areas of the image over a certain threshold are filled with a striped pattern to dramatically highlight areas where too much light is falling on the image sensor.
 Check Field	On, Off Mode : Red, Green, Blue, Mono When enabled, hue and saturation adjusted quickly and accurately
 False Colors	On, Off Mode: Normal, ARRI An image that depicts an object in colors that differ from those a photograph (a true color image) would show.



Marker

 Grid	On, Off Mode: 2x2,3x3,4x4,5x5,6x6,7x7,8x8,9x9, Custom Rows: 2~9 Columns: 2~9 When selecting Custom , you can custom the rows and columns of the grid Color: Red, Green, Blue, Black, White, Gray The area of the picture can be divided into 4, 9, 16, 25, 36, 49, 64, 81 equal grids.
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 Safe Frames	On, Off Mode: 80%, 85%, 90%, 93%, 96%, 2.35:1, 9:16 Color: Red, Green, Blue, Black, White, Gray
 Center Marker	On, Off Color : Red, Green, Blue, Black, White, Gray
 Ratio Marker	On, Off Mode: 4:3、 13:9、 14:9、 15:9、 16:9、 1.85:1、 2.35:1, 9:16 Color: Red, Green, Blue, Black, White, Gray Modified Mark : 0~5



Image

 Scan Mode	Under Scan, Over Scan
 Aspect Ratio	Auto, 16:9, 16:10, 4:3, 5:4, 1.85:1, 2.35:1, Full Screen Provides a wide variety of aspect ratio to match different camera anamorphic lenses.
 Anamorphic	On, Off Mode: 1.33X, 1.6X, 2.0X, 2.0X MAG, User Under the User, can be customized (1.20X~2.00X) Allows you to use anamorphic lenses or adapters and see the image unsqueezed, even if your camera does not de-squeeze in camera.
 Image Flip	On, Off Mode: H Flip, V Flip, H_V Flip

 Zoom Mode	On, Off Mode: 2X、4X、9X、16X、User Under the User, can be customized (100%~200%) It is HD signal in any part, an amplification for high quality close-up.
 Image Freeze	On, Off
 P2P	On, Off Enable the filmmaker to check the image from the 1:1 signal source without scaling. This feature is essential for capturing optimum detail.



User Option

 LUT	On, Off After the LUT Switch is turned on, you can use the Lut (SLOG2, SLOG3, LOGC, VLOG). Lut Import: Confirm Lut Table Show the 4 built-in Lut and the custom load Lut (up to 32) The Lut item is displayed after the Lut Switch is turned on. LUT is a table for quickly looking up and output specific color data. By loading different 3D-LUT tables, it can quickly recombine color tone to form different color styles
 HDR	On, Off Mode: HLG1, HLG2, HLG3 HDR can provide more dynamic range and the details of image, it is better to reflect the visual effects in the real environment.

 Display Adjustment	Backlight: 0~100 Adjust the screen brightness Brightness: 0~100 Adjust the image brightness Contrast: 0~100 Adjustment of the ratio between the brightest and darkest parts of the image . When adjusting, pay attention to the sense of hierarchy in the image. If the proportion is too large or too small, it can cause the image to lose its colorful appearance. Saturation: 0~100 Adjustment of color concentration Tint: 0~100
 Color Adjustment	Display Range: Auto, Limit, Full This feature allows for the selection of a grayscale range. The Limited grayscale range is 16-235, and the Full grayscale range is 0-255. (Grayscale represents changes in image brightness, using varying gray levels to depict brightness in different image areas. In grayscale, brightness increases from black to white, typically denoted by a numerical range from 0 to 255, where 0 signifies black and 255 indicates white, and intermediate numbers indicate varying grayscale levels.) 1. If the dark part of the picture lost, the details cannot be seen clearly. For example, the input signal is in the range of 0-255, but the monitor is set Auto or Limit, the brightness of 0-15 and 236-255 is removed, resulting the dark part details unclear. You can set to Full. 2. If the picture is gray, the black part turned gray. For example, the input signal is in the range of 16-235, but the monitor is set Full , resulting the black part turn gray. At this time,you can set to Auto or Limit.

	Color Temp.: 5600K, 6500K, 9300K, User Under the User, the red, green and blue of the image can be adjusted (0~255), made the colors of the image achieve your favorite.
 Shortcut Key	All Waves, Waveform, Vector, Histogram, Embedded Audio, Center Marker, Safe Frames, Grid, Focus Assist, False Colors, Over Exposure, Anamorphic, Image Freeze, Check Field, Zoom Mode, Image Flip, Aspect Ratio, Ratio Marker To set the 3 shortcut custom button F1~F3 on the panel e.g.: enter the main menu, choose User Option --  shortcut key-- F1 to show pop-up function items, select one of them, such as All Waves. The cursor will be changed to gray color after selected. Directly press F1 button of monitor panel to open All Waves Same setting for F2~F3
 Left Right Key Set	Volume, Backlight



System

User  Switch	User Switch: 1~4 you can save the set menu as 1-4 and can be called directly next time
 Language	English、简体中文、Español、Português、Français、Nederlands、Deutsch、日本語、繁體中文、한국어로、русский язык
 OSD Option	OSD Time: Off, 15Sec, 30Sec, 45Sec Select the display time of the menu on the screen

	OSD Trans: Off, 25%, 50%, 75% Adjust the transparency of the menu picture background on the screen No Signal: Red, Green, Blue, Black, White, Gray Can be change the background color of screen when no signal
 EDID Settings	EDID Settings: 2.0, 1.4 Compatible with resolution of different camera Default to 2.0 (if set 1.4 manually, then input 4K60 signal, you need to set to 2.0 again)
 Volume	On, Off 0~100 Adjusting the speaker volume
 Power Settings	Power on: Auto, Manual Default to Auto. If set Manual, please press EXIT/⏻ key to turn on after the power plug in.
 Reset	Select Reset and press MENU button Confirm, the system back to original setting.
 Firmware Update	Firmware Version (display the version number) Firmware Update Confirm

4. Technical Parameters

Panel Size	6" IPS
Resolution	1920x1080 pixels
Dot Pitch	0.069 (H) × 0.069 (V) mm
Aspect Ratio	16:9
Brightness	450cd/m ²

Contrast	1000:1
Viewing Angle	80°/80°(L/R) 80°/80°(U/D)
Backlight	LED
Input	HDMI, DC IN 5V (Type-C) Note: please use 5V/2A or more than 2A Type-C power
Output	HDMI, DC OUT 8.4V, Barrel (5.5mm outer, 2.1mm inner)
Audio	3.5mm Stereo Headphone
HDMI Support Format	480i /480p /576i /576p 720p(60/59.94/50/30/29/25/24/23.98) 1080i(60/59.94/50) 1080p(60/59.94/50/30/29.97/25/24/24sF/23.98/23.98sF) 3840×2160p (60/50/30/29.97/25/24/23.98) 4096×2160p (60/50/30/29.97/25/24/23.98)
Input Voltage	DC: 7~24V
Power	≤9W
Battery Plate	F970/ LP-E6 Dual-purpose Battery Plate
Install Way	1/4-20 mount points (bottom, right)
Working	-20℃ ~ 50℃
Storage	-30℃ ~ 60℃
Unit Size	151Lx92Hx29.5D (mm)
Unit Weight	190g

5. Trouble Shooting

5.1 Only black and white or monochrome picture:

- ① please check saturation, brightness & contrast adjustment.
- ② Please check "Check Field" is in black, white or monochrome image or other condition.

5.2 NO Image after put on the power

- ① Check if signal cable connecting is in good condition.
- ② Check signal cable connecting, and make sure to use the standard adapter to connect the monitor. If power is supplied by battery, please check if the battery is fully charged.

5.3 Earphone No sound

Check if Volume control do not open, press the volume button, and try to increase the volume.

6.How to Load 3D LUT?

- 1.USB Flash Drive Format FAT32 and NTFS
 - 2.Max Files Limit Maximum 32 Lut files
 - 3.File Requirements The lut should in.cube Single file not exceeded to 7.9Mb Support LUT-3D-Size 16,17,32,33,64,65 The files should be valid The files' name should in English or Arabic Words
 - 4.Steps and Instruction Make sure that the USB Flash Drive correctly insert Enter the Monitor Menu---"User Option"---"LUT"-- "LUT import"-- "Confirm"
- After this, the monitor will auto detect the USB Flash Drive
- There is no USB Flash Drive The screen will show failed, can try one more time,if not work, restart the monitor
- There is USB Flash Drive The monitor will erase the exits user's lut fill and show "Initializing" If there is no valid lut file in USB Flash Drive, the lut will not load.The monitor will show "clean up"

If there is valid lut file in USB Flash Drive, the monitor will load lut files and show “[n] name. The [n] shows the quantity number. The “name” should in lut files’ name. If load successful, the screen will show “complete[n]”. [n] Stands for the quantity number for lut files should under 32.

7. Firmware Updates (AndyOS)

From time to time we will issue software updates for your Andycine Monitor. To update the firmware (that’s the software that runs inside your Andycine Monitor), there is a simple procedure you have to follow.

1. Extract the files .bin from the firmware zip file.
2. Copy these files onto a USB Flash Drive.
 - a. AndyOS recommends you use a freshly formatted compatible USB Flash Drive (FAT32 or NTFS).
 - b. Ensure that the firmware update file is on the root of the USB Flash Drive, and not in a folder or sub folder.
3. Insert the USB Flash Drive with A6 V2.bin file.
4. Use a freshly charged battery on your A6 V2 or connect to mains power. It is very important that your monitor does not lose power during a firmware upgrade.
5. Power up your monitor with a long press of the Power Button.
6. Press MENU key to access menu, Select System, Select firmware update and confirm to update.
7. Watch the screen, the firmware upgrade will start.
8. While the firmware upgrade is happening, an ‘updating firmware’ screen will appear.
9. The firmware upgrade will take up to a few minutes.

Let it finish updating when finish it should reboot, if not, turn it off
and on again

Done

If you have more questions, please contact us

Customer Support: **cs@andycine.com**

Sales Inquiry: sales@andycine.com

Website: www.andycine.com

Facebook/Youtube: @andycinegear

Instagram: @andycinegear

Twitter: @andycinegear

★ Please note: Specifications are subject to change without notice. All
information correct at time of publishing.