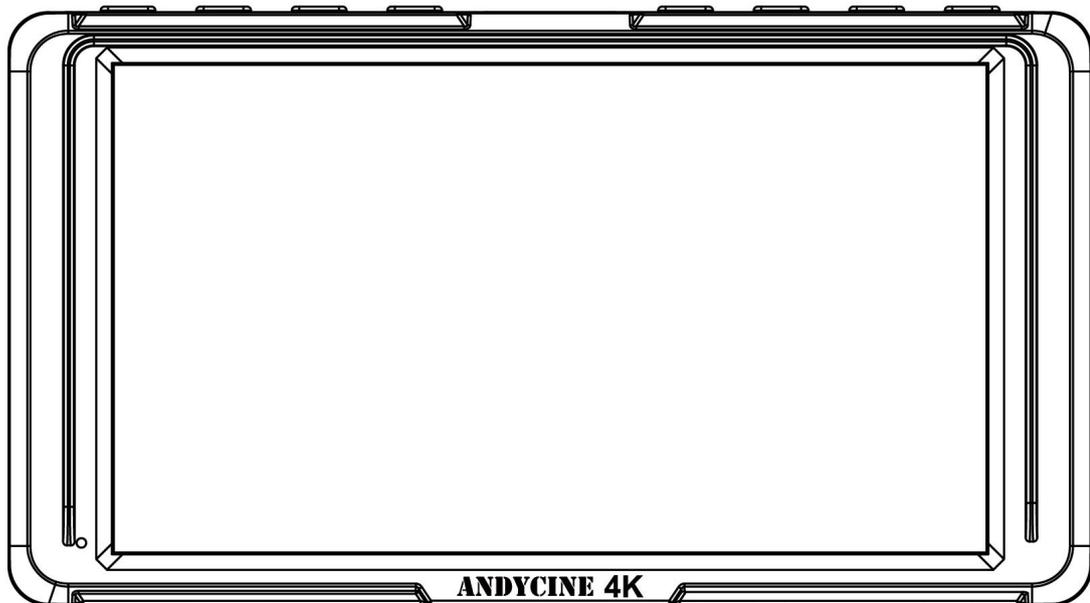# ANDYCINE *A6 Lite*

5" Full HD On-camera Monitor
Support 4K HDMI Input/ Output

ANDYCINE 4K

User Manual

Product Overview

Thank you for choosing Andycine A6 Lite Full HD camera monitor, which adopts advanced integrated digital signal processing circuits and professional IPS LED panel, which makes it high brightness, low power consumption, stable performance, etc. It is equipped with HDMI input and output, which make it wide application, casing compact, simple operation, portable convenience and strong compatibility. Advanced features include Histogram, Embedded Audio, Focus Assist, False Colors, Exposure, Aspect Ratio, Image Flip, P2P, Center Marker, Safe Frames, Check Field, Image Freeze, Nine Grid, Zoom, Anamorphic etc. It is an ideal, portable and lightweight viewfinder and video monitor.

The monitor is equipped with an battery plate; you can use the power adapter supply or use the external battery for power supply.

⚠️ **To insure the best use of the unit, please read the user's manual carefully**

CAUTION

● Please avoid the heavy impact and drop onto the ground when move the product.

● Please do not cover the vents and holes on the enclosure and do not place the machine on a bed, sofa, and rug to ensure good ventilation. Otherwise it will lead to overheating and reduce the service life.

● The screen of this product is made of glass. Please do not drop the screen towards the ground. Keep away from injury if the screen is broken.

● Keep the product away from the heat source, such as the radiator, the water heater, the stoves and the other heating products.

● Avoid the prolonged exposures to the sun as the LCD screen will be damaged.

● To avoid damaging the product, please do not take apart or repair the unit by yourself without the adjustable components in the unit.

● To maintain the LCD screen better, please notice the ways as below to avoid the scratch, the discoloration and the other damages.

  1. Please refrain from using the hard objects to hit the screen.

  2. Please do not force to wipe the screen.

  3. Please do not use the chemical solutions to clean the screen.

  4. Please do not spray any detergent on the screen.

  5. Please do not write on the screen directly.

  6. Please do not stick on the screen.

  7. Please simply wipe with a clean soft cloth and make sure no water on the screen.

● To protect the plastic cover better, please follow these ways as below to avoid the damages;

  1. Please do not use the chemical solutions to clean the cover.

  2. Please keep away from the volatile things.

  3. Please do not clean the case hard.

  4. Please simply wipe with a clean soft cloth and make sure no water on the cover.

Features

- IPS LCD panel, support 4K HDMI input and output

  UHD 4K 3840×2160p (30/29.97/25/24/23.98Hz)

  DCI 4K 4096×2160p (24Hz)

- Histogram is a quantitative tool to inspect the image brightness, to guide the exposure control

- Focus Assist (Focus edge can be Red, Green, Blue)

- Embedded Audio Level

- Zebra and False Color function, convenient to guide the using light when shooting and the post production

- Check Field (Red, Green, Blue, Mono)

- Image Zoom-in function

- Anamorphic Mode

- Image Flip (H, V, H/V)

- Image Freeze

- Image Nine Grid, zoom one of the images to realize the full screen

- Pixel to Pixel

- Marker Types, Safe Frames and Center Marker

- Brightness, Contrast, Sharpness, Tint, Saturation and Color Temp Adjustment.

- Earphone output

- DC8.4V power out to power your DSLR camera or mirrorless camera

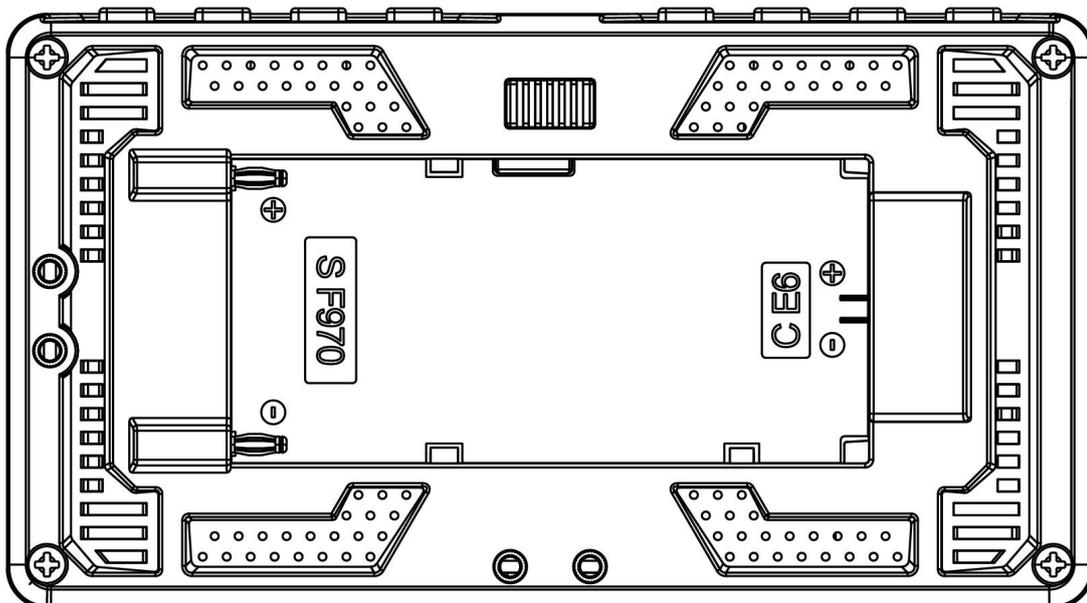- External sunshade, sunlight readable

CONTENTS

1. Product Description
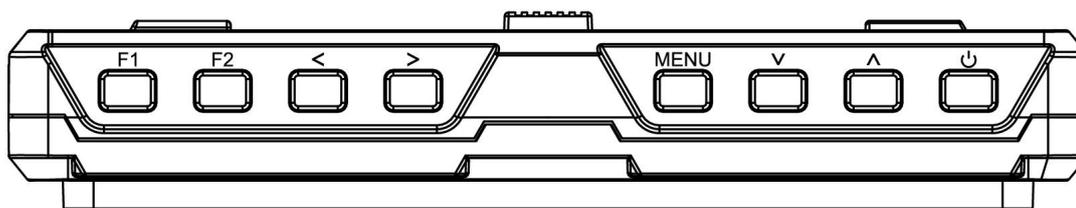
● **Front Panel**

● **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	/
<	Decrease the volume	Decrease or adjust value of selected parameter
>	Increase the volume	Increase or adjust value of selected parameter
MENU	Display OSD Main menu	Return to previous OSD menu
∨	/	Select next menu item
∧	/	Select previous menu item
⏻	Power On/Off button	

1.2 Port Instruction (bottom)

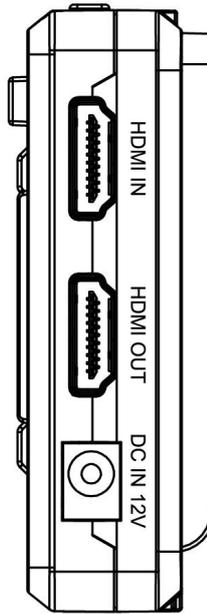**DC OUT 8.4V:** DC power output interface, polarity as the output power

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

USB UPGRADE: Firmware USB upgrade port

1.3 Port Instruction (left)

HDMI IN

HDMI OUT

DC IN 12V

HDMI IN: V1.4, HDMI signal input, up to 4K@30Hz.

HDMI OUT: V1.4, HDMI signal output, up to 4K@30Hz.

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

power − ⊙ +

1.4 Power Input

(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 6~24V Input.

Remark: 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.
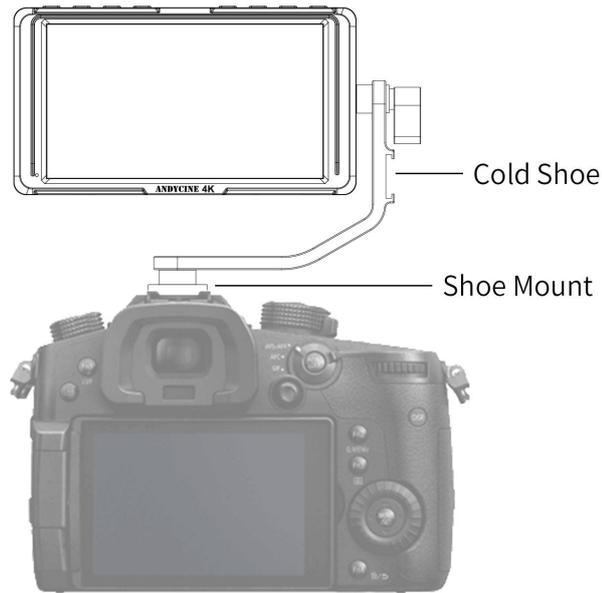
1.5 Mount Points

(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 the1/4" 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.

Cold Shoe

Shoe Mount

1.6 Sunshade

① **Velcro**

② **Sunshade Frame (Paste Velcro)**
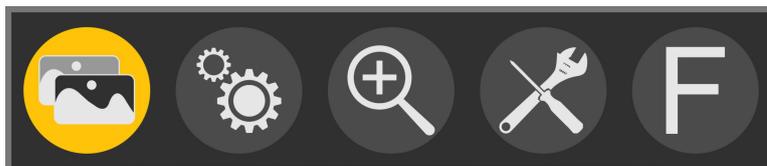

③ **Sunshade**

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.
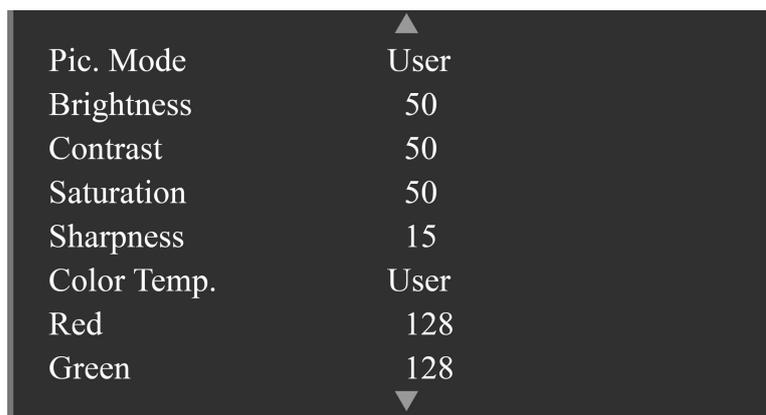
2. Menu Operation Instruction

After correctly connect to the power supply, the indicator will turn (Red), press ⏻ to turn on monitor power, the indicator will be Yellow, and then input HDMI signals, the indicator will turn Green from Yellow.

2.1 Press "**MENU**" button to enter OSD main menu, and press "＜" or "＞" button to go through the secondary menu function.

2.2 Then press "∨" button to enter secondary menu (cursor move to secondary menu position).

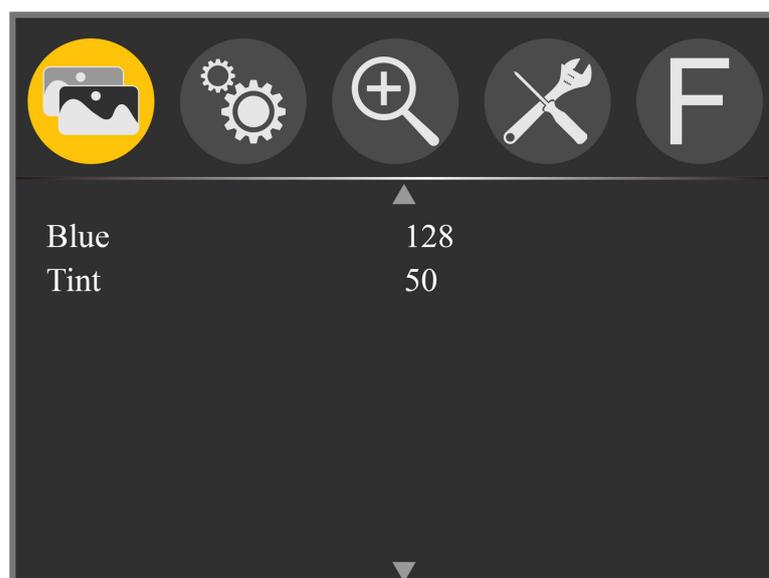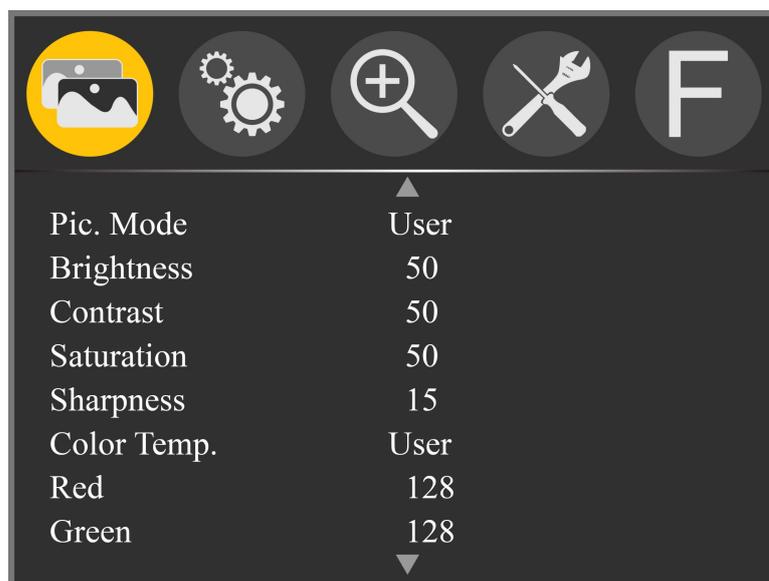| ▲	
Pic. Mode	User
Brightness	50
Contrast	50
Saturation	50
Sharpness	15
Color Temp.	User
Red	128
Green	128
▼	

Press "∨" or "∧" button to move cursor and select the items in the secondary menu.

2.3 After select the items in the secondary menu, press "＜" or "＞" button to adjust the item parameters.

2.4 Press "**MENU**" button to confirm the item adjustment and exit the menu.

3. Menu Function Instruction

● **Image (Including 2 pages)**

★ **Pic. Mode: Standard, Mild, User, Dynamic**

Select '**user**' to adjust **Brightness, Contrast, Saturation, Sharpness**.

★ **Brightness: 0～100**

To adjust image's brightness.

★ **Contrast: 10～100**

To adjust the brightest and the darkest ratio of

the image, please note the sense of picture when adjust,

proportion too high or too low will make the picture lose

the color.

★ **Saturation: 0～100**

To adjust color concentration.

★ **Sharpness: 0～100**

Also called 'Resolution', is an indicator for the image plane

definition and image edge sharpness. If sharpness is

higher, then the details contrast on the image is higher, the

image is more clearly.
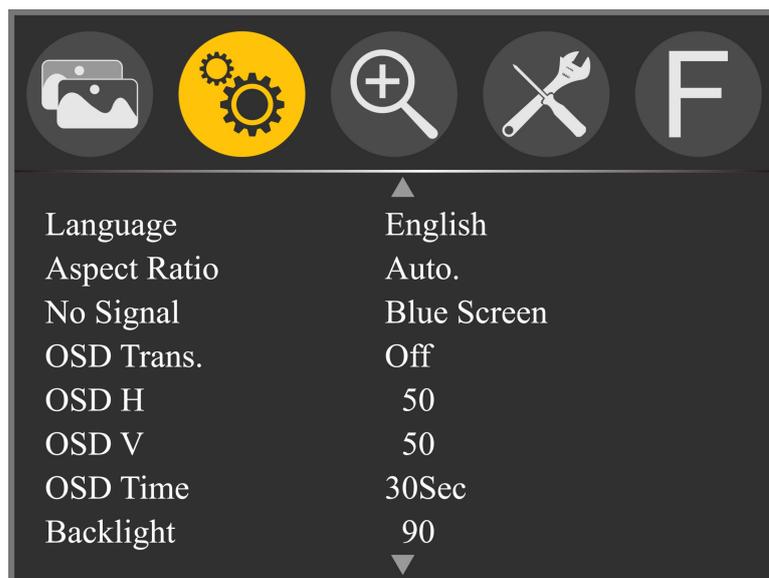
★ **Color Temp.: 6500, 9300, User**

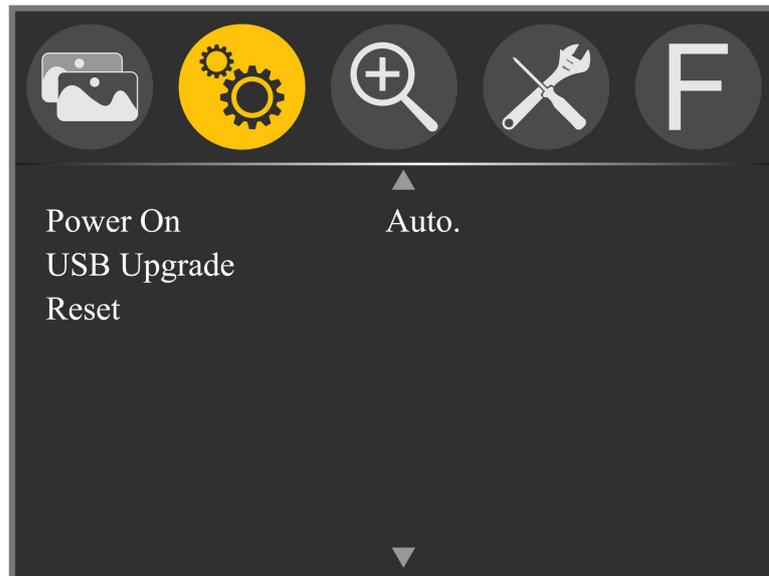Select image white color temperature of the monitor.

When select 'user', adjust the Red, Green, Blue to meet

the different user's requirement for the different Color Temp.

★ **Tint: 0～100**

To adjust the image cool and warm hue.

● **Setting (including 2 pages)**

Power On   Auto.
USB Upgrade
Reset

★ **Language: English, 简体中文, Español, Português, Français, Nederlands, Deutsch,日本語, 繁體中文**

To select the display menu language.

★ **Aspect Ratio: Auto., 4:3, 16:9, Just Scan, Panorama, P2P**

To select the image aspect ratio.

★ **No Signal: Blue Screen, Red Screen, Green Screen, Black Screen, White Screen**

To select the screen background color when no signal.

★ **OSD Trans.: Off, Low, Middle, High**

The transparent of image background when menu display.

★ **OSD H: 0～100**

To adjust the OSD position in horizontal.

★ **OSD V: 0～100**

To adjust the OSD position in vertical.

★ **OSD Time: Off, 10Sec, 20Sec, 30Sec**

The function is to adjust the menu time.

★ **Backlight: 0～100**

To adjust the brightness of screen backlight.

★ Power On: Auto., Manual

When select the Auto., the monitor will turn on when input power. But if select the manual, it is standby when input power, need to press ⏻ button to turn on the power.
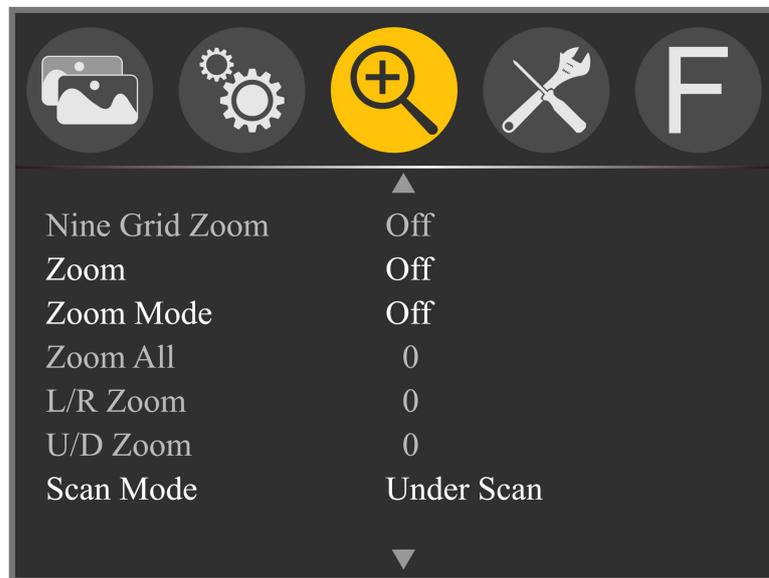
★ USB Upgrade

When need to upgrade the native data application software, copy the file to the U disk, connect the USB cable with upgrade USB port, press ">" button to confirm. After the upgrade, monitor will automatically restart.

★ Reset

Press ">" button to confirm, back to original setting.

● **Zoom**

Nine Grid Zoom	Off
Zoom	Off
Zoom Mode	Off
Zoom All	0
L/R Zoom	0
U/D Zoom	0
Scan Mode	Under Scan

★ Nine Grid Zoom: Off, On

After turning on the Nine Grid function, then turn on this function, you can press "<" or ">" button to choose a image, and then press "∨" or "∧" button to zoom the image to full screen. Press "∨" or "∧" to exit the local zoom function.

(To achieve this function, you need to first open the Nine Grid function.)

★ **Zoom: Off, 4X, 9X, 16X**

Image Zoom function, to help the photographer observe more careful image by changing it.

★ **Zoom Mode: Off, Mode1, Mode2**

Zoom All, L/R Zoom, U/D Zoom can be customized.

Zoom All: 0～100

To adjust the image to zoom in or zoom out.

L/R Zoom: 0～100

To adjust the proportion of the image Left and Right to Zoom In or Zoom Out.
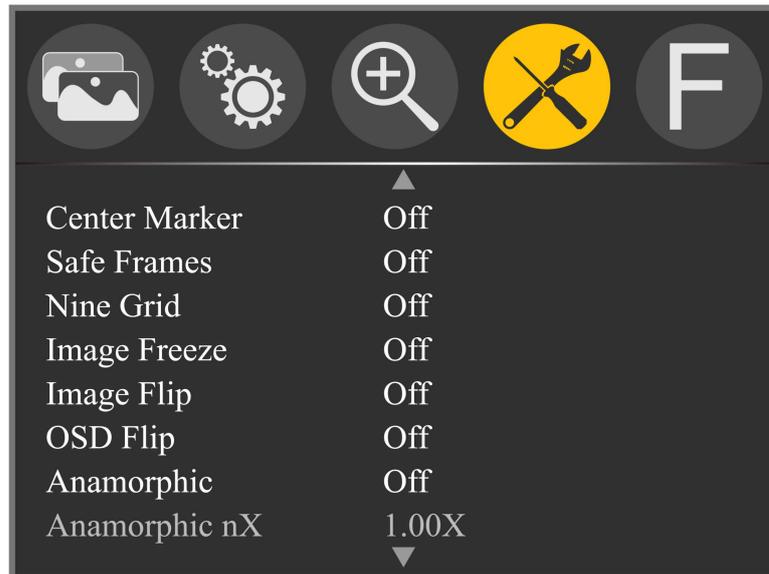
U/D Zoom: 0～100

To adjust the proportion of the image Up and Down to Zoom In or Zoom Out.

★ **Scan Mode: Under Scan, Over Scan**

The scan mode can be selected.

● **Function (Including 3 pages)**

Menu of Page One

★ **Center Marker: Off, On**

To set center mark (cross mark) display.

★ **Safe Frames: Off, 80%, 85%, 90%, 96%, 93%, 2.35:1**

To select the screen marker.

★ **Nine Grid: Off, On**

To make the image segmented into nine grids.

★ **Image Freeze: Off, On**

The current picture still (capture function).

★ **Image Flip: Off, H_V Flip, H Flip, V Flip**

Image Flip function.

★ **OSD Flip: Off, On**

After turning on the Image Flip, turn on this function again to achieve the OSD Flip function.

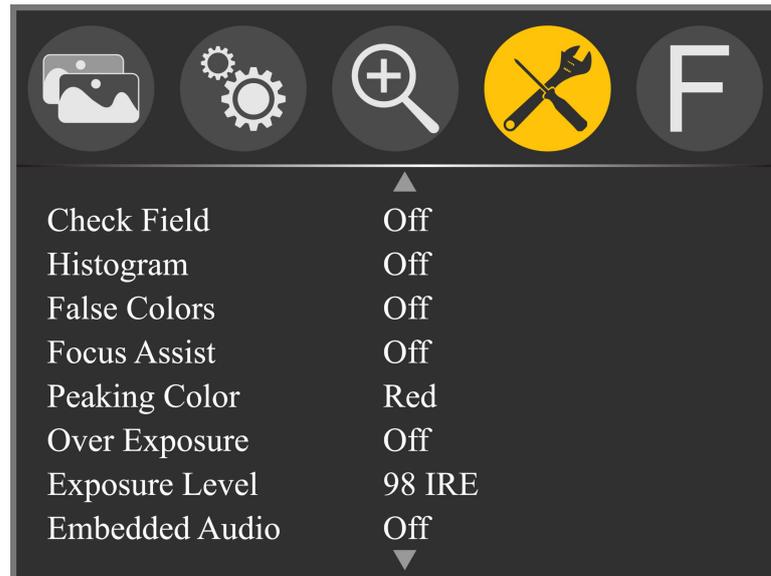★ **Anamorphic: Off, 1.3X, 2.0X, 2.0X MAG, User**

It uses together with some side screen film lens to restore

the real proportion of scene. Under the "user" adjustment item,

the **Anamorphic nX** can be customized.

★ **Anamorphic nX: 1.20X~2.00X**

Customizable anamorphic adjustment is available.

Menu of Page Two

Check Field	Off
Histogram	Off
False Colors	Off
Focus Assist	Off
Peaking Color	Red
Over Exposure	Off
Exposure Level	98 IRE
Embedded Audio	Off

★ **Check Field: Off, Mono, Red, Green, Blue**

To switch among Color, Mono, Red, Green, Blue.

★ **Histogram: Off, On**

It stands for the image pixels numbers in each level of

brightness and shows the brightness distribution of pixels

in the image.

★ **False Colors: Off, On**

It is the analysis of the whole image brightness and

display False Color. It is convenient to guide using light

when shooting and post production.

★ **Focus Assist: Off, On**

By sharpening the edge of images to help photography for

focusing operation.

★ Peaking Color: Red, Green, Blue

Due to the image color is colorful when shooting in natural light, so the user may react to the edge of the single line not too sensitive, at this time to change the auxiliary focal edge line color will improve the sensitivity of the image contour. It is convenient during filming tracking in focus.

★ Over Exposure: Off, On
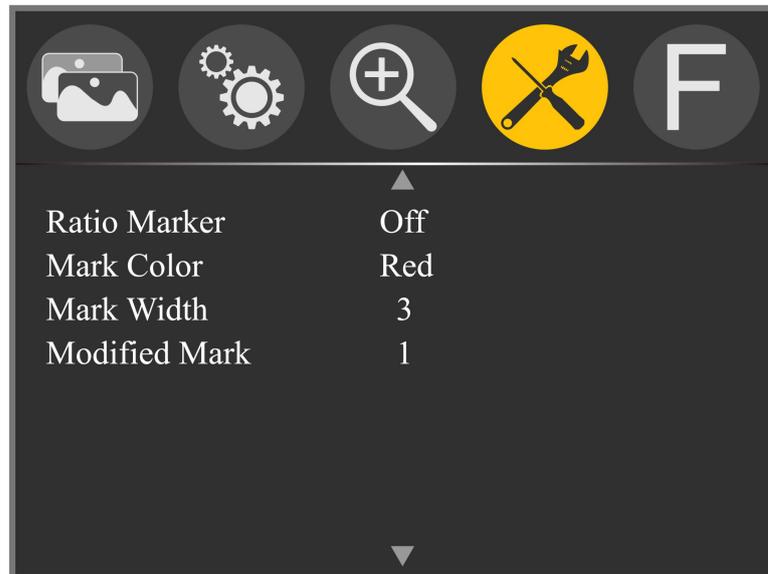
To turn on or off this function.

★ Exposure Level: 1～100 IRE

When exposure exceeds the preset value, the monitor screen appear the twill, it is to reflect the picture exposure conditions, so as to suggest the photographer adjust the aperture to obtain proper exposure.

★ Embedded Audio: Off, On

The Audio Level Meters provide numerical indicators and headroom levels. The audio meter is green, and will turn yellow when exceeds -20dB, and turn red when exceeds -9dB.

Menu of Page Three

★ **Ratio Marker: Off, 4:3, 13:9, 14:9, 15:9, 16:9, 1.85:1, 2.35:1**

Image display ratio marker.

★ **Mark Color: Red, Green, Blue, Black, White**

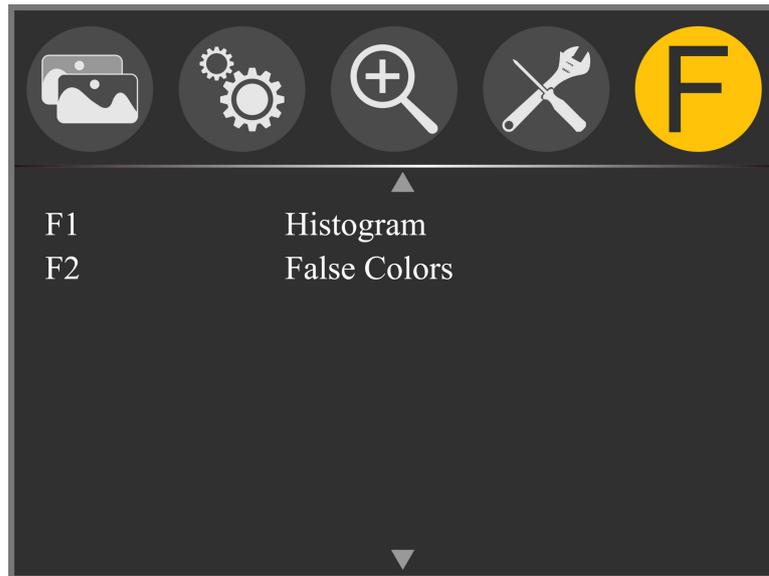To select the above high contrast mark color according to different image.

★ **Mark Width: 1～7**

To select the above mark color display width.

★ **Modified Mark: 0～6**

Adjust the brightness of the image outside tag line to highlight the inside tag line of image.

● **Custom Button Setting F1～F2**

F1   Histogram
F2   False Colors

★ **F1/ F2: Center Marker, Safe Frames, Check Field,**

Focus Assist, Aspect Ratio, Image Flip, Image Freeze,

Histogram, False Colors, Over Exposure, Embedded

Audio, Nine Grid, Zoom, Anamorphic

To set the 2 shortcut custom button **F1**, **F2** on the panel.

For example: When in OSD menu " F ", press "∨" button to

select **F1**, press "＜" or "＞" button to pop-up function items and

press "∧" or "∨" button to select one of them, such as "Focus

Assist", and press "**MENU**" button to confirm.

So when you exit OSD menu, you could press F1 directly

on the front of panel to turn on "Focus Assist" function.

Same setting for **F2**.

4. Technical Parameters

Panel Size	5.0 inch IPS
Resolution	1920 x 1080 pixels
Pixel Density	440 PPI
Dot Pitch	0.0571 (H) x 0.019 (W) 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
Output	HDMI, DC OUT 8.4V
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) 4K UHD 3840×2160p (30/29.97/25/24/23.98 Hz) DCI 4K 4096×2160p (24Hz)
Power Input Voltage	DC: 6~24V
Power Consumption	≦8W
Unit Size	136Lx75.7Hx25.2D (mm)
Unit Weight	142.5g
Working Temperature	- 20℃～55℃
Storage Temperature	- 30℃～65℃

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

① Check whether Volume control is not on, press the volume button, and try to increase the volume.

■ **If you have more questions, pls contact Andycine:**

Customer Support: cs@andycine.com

Website: www.andycine.com

Facebook: @andycinegear

Instagram: @andycinegear

★ As we are improving product features and product performance, so if there is any change on the specification without prior notice.