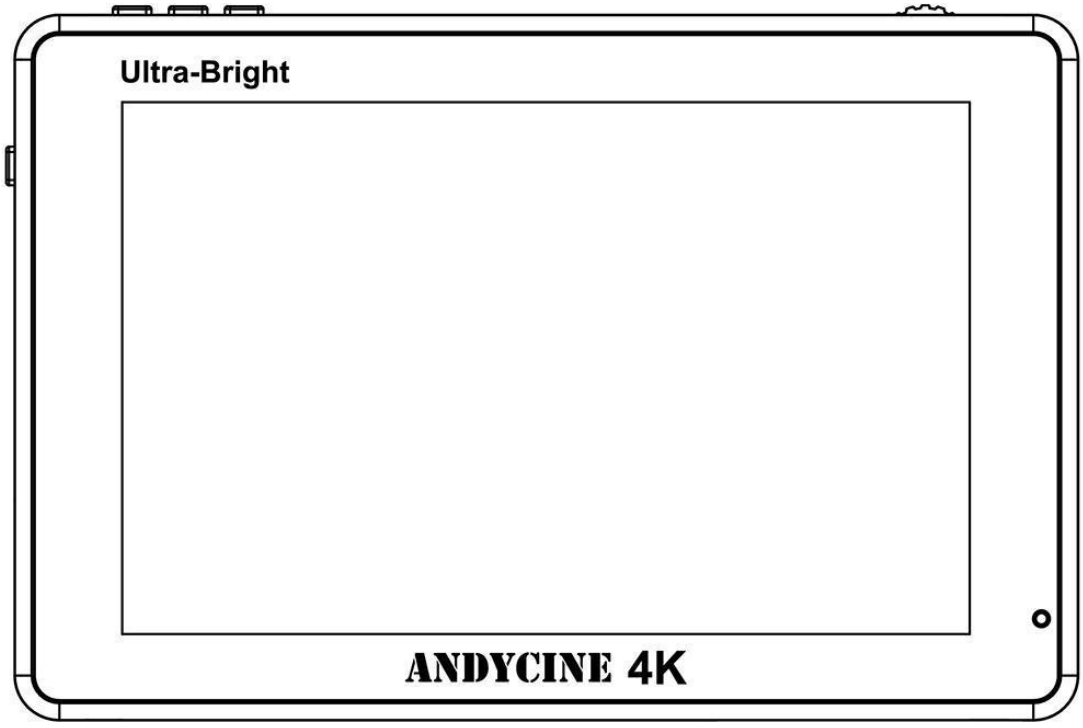
ANDYCINE C7

7" Ultra-bright Camera Monitor

4K HDMI/3D LUT/Touch Screen



Guide Manual

Thank you for choosing ANDYCINE monitor.

Please read this manual carefully before you use

Overview

*Featuring a 323 PPI (pixels-per-inch) IPS LCD panel, the **C7 7" 4K HDMI Monitor** from **ANDYCINE** displays SD, HD, UHD, and DCI 4K video. The LCD panel boast a 1920 x 1200 resolution, 16:10 aspect ratio, 1200:1 contrast ratio, and a 2200 cd/m^2 measured brightness for easy viewing outdoors as well as indoors. The touchscreen allows you to quickly access your settings, and the IPS LCD provides good off-axis viewing, allowing you to see the image without being directly in front of the monitor and not experiencing distorted colors or contrast. The monitor's chassis is both thin and light at about an inch thick and weighing only 1 lb.*

On the side edge of the monitor you'll find HDMI input and output connections, while the headphones and external DC power input reside on the opposite edge. Along the bottom edge is the 1/4"-20 threaded mounting hole, and the control buttons reside along the top edge of the monitor. The back of the monitor features a dual L-series/NP-F970 battery plate to provide ample power.

The C7 supports custom 3D LUTs to accurately view the camera color on screen, and it supports professional Rec.709 color calibration technology. With the new Analysis feature you can now simultaneously see what you are shooting, view a waveform, histogram and vectorscope, ensuring complete control of your image. You can even switch between different waveform, histogram and vector scope options on the fly with a single touch.

CARING FOR YOUR C7 MONITOR

- Do not attempt to disassemble the monitor. Doing so will voids the warranty.
- Water damage is not covered by warranty, but taking the right precautions during a such event occurs can sometimes preserve unit functionality.
- Clean the screen with a high quality microfiber cloth only. Never spray the screen directly with any sort of cleaning fluid.
- Keep away from heat source and avoid long exposure to the sun.
- Do not cover the vents in case of overheating problems.
- For better product lifetime, try not to have impact, crush or scratch on the monitor.

If you have more questions, please contact Andycine:

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Website: www.andycine.com

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Instagram: @andycinegear

Twitter: @andycinegear

Features

- Touch screen menu operation
- Support 3D LUT Log to REC.709 and user 3D LUT upload
- 7inch 1920x1080 full HD IPS screen
- 2200nits Daylight Viewable (Light Sensor)
- All Waves display, Parade, Vector, RGB Histogram functions
- Histogram is a quantitative tool to inspect the image brightness, to help guide the exposure control
- Focus Assist (red, green, blue, white, yellow - five peaking colors optional)
- Audio Meter
- Zebra and False Color function, convenient for lighting adjustment's need when shooting and the post production
- Monochrome (gray, red, green, blue)
- Image Zoom-in function
- Anamorphic dequeeze Mode
- Image Flip H and Flip V
- Image Freeze
- Pixel to Pixel
- Marker Mat, Center Marker and Safety Marker
- Brightness, Contrast, Sharpness, Hue, Saturation and Color Temp Adjustment.
- Stereo Earphone output
- DC 8.4V power out to power your DSLR camera or mirrorless camera

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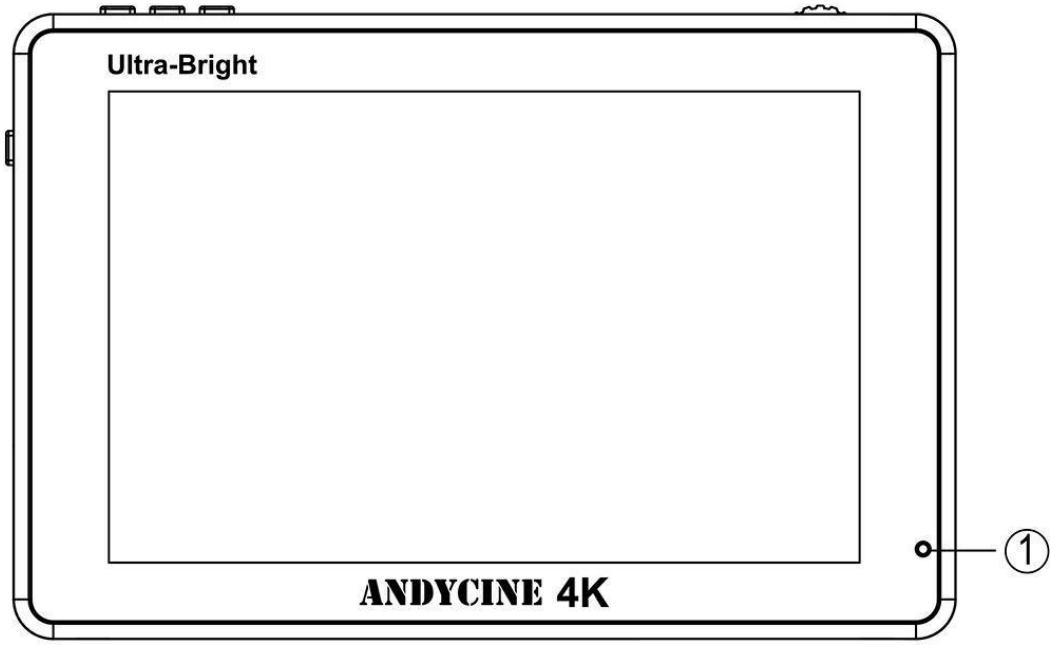
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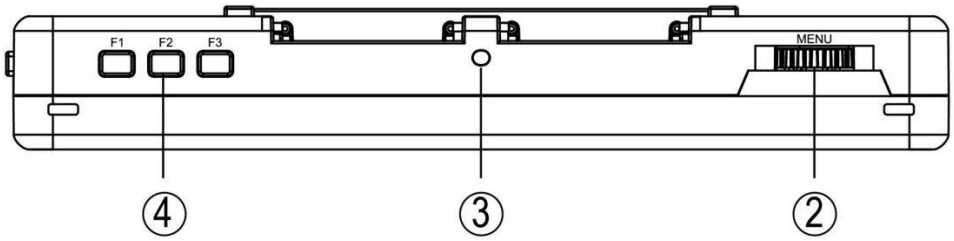
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1. Product Description

1.1 Button Instruction





①**. Indicator Light:** After connecting the power, the indicator light will on red. Long Press ⏻ / TOUCH button to turn the monitor on, it will turns yellow. When there's signal, the indicator light will turn green.

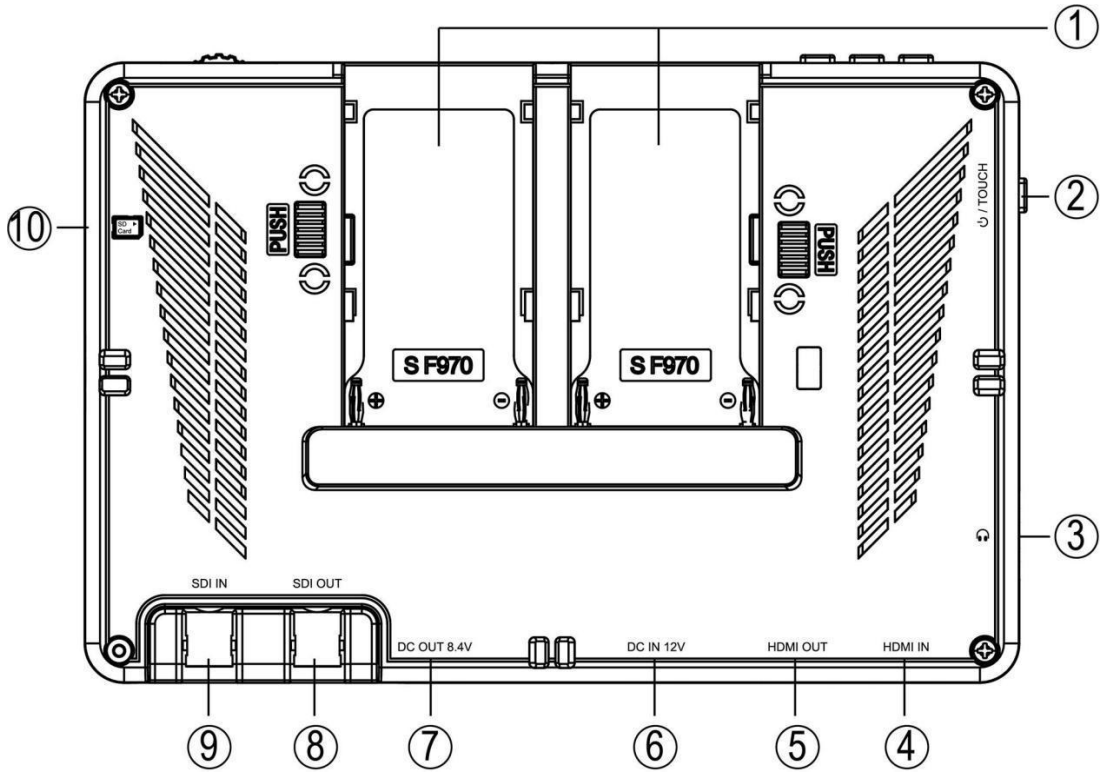
②**. MENU:** See details: **3.1 MENU Wheel Menu Operation in 3. Menu Operation Instruction.**

③**. Light Sensor:** The backlight mode under the icon 

is set to Auto, and the brightness of the backlight can be adjusted automatically by the light sensor.

④**. F1 ~ F3:** Custom function buttons

1.2 Port Instruction



①. Dual F970 Battery Plates

②. Power / Touch Function Button

Long press to turn on / off; short press to turn on / off the screen touch function.

③. 3.5mm Headphone Jack

④. HDMI IN

⑤. HDMI OUT

⑥. DC 12V Power Input

⑦. DC OUT 8.4V Power Output

Connect the optional dummy battery cable to power camera.

⑧. SDI OUT (Optional)

⑨. SDI IN (Optional)

⑩. SD Card Slot

3DLUT upload and for firmware upgrade

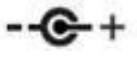
1.3 Power Supply Way

(1) The rear cover of the monitor is equipped with dual F970 battery plate, which is applicable to F970 series of batteries.

Sony F970 battery plate for the following batteries:

Sony F970 F960 F950 F930 F770 F750 F730 F570 F550 F530 QM91D QM91 QM90D QM90 QM71D QM71 QM70D QM70 QM51D QM51 FM71 FM70 series

NOTE: Different battery specifications will have different capability. The battery power may be different. Higher capability (working time) will ~~be~~ provide longer power. Please remove the battery from the monitor if you don't use the monitor for a long time.

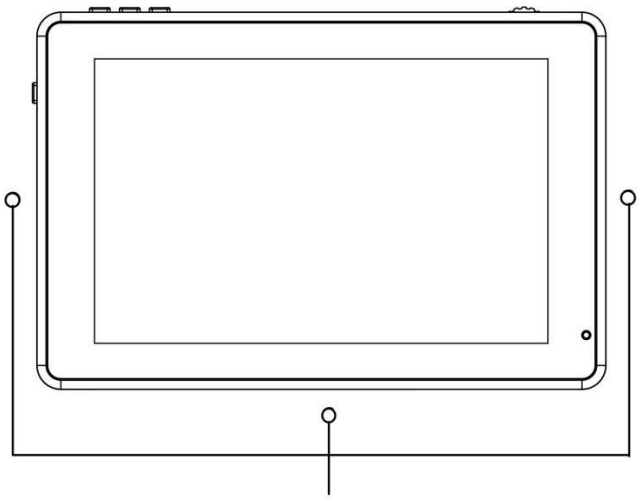
(2) **DC IN 12V:** DC power input, input power polarity: , Barrel (5.5mm outer, 2.1mm inner) located at the bottom of the monitor, DC 7~24V Input.

(3) **DC OUT 8.4V:** DC power output interface, output power polarity: 

Barrel output for powering your camera with a separately available DC coupler adaptor (currently NP-FW50 Sony & LP-E6 Canon&DMW-BLF19 Panasonic). More adapters coming soon.

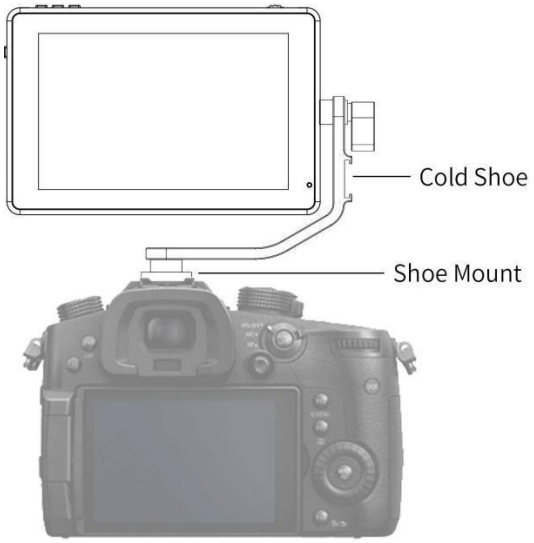
1.4 Mount Points

There are (3) ¼-20 thread points (top, bottom, & right side) can be easily connected to the hot shoe mount, or tripod.



Tilt Arm Mounting

The monitor can secures to your camera using the included Tilt Arm to camera's hot shoe mount or 1/4"-20 thread. The Tilt Arm enables 180° tilt for monitoring at nearly any angle. An additional cold shoe on the Tilt Arm allows you secure equipment (like a microphone, LED light, or wireless receiver).



2. Menu Operation Instruction

After the monitor is properly connected, the indicator light will turn red. Long press ⏻ / TOUCH button to turn on the monitor, the indicator light will turns yellow. And after the signal is connected, the indicator light will turn green.

When on, short press ⏻ / TOUCH to turn the touch screen functionality on or off.

2.1 Touch Screen Menu Operation (turn on the screen touch function)

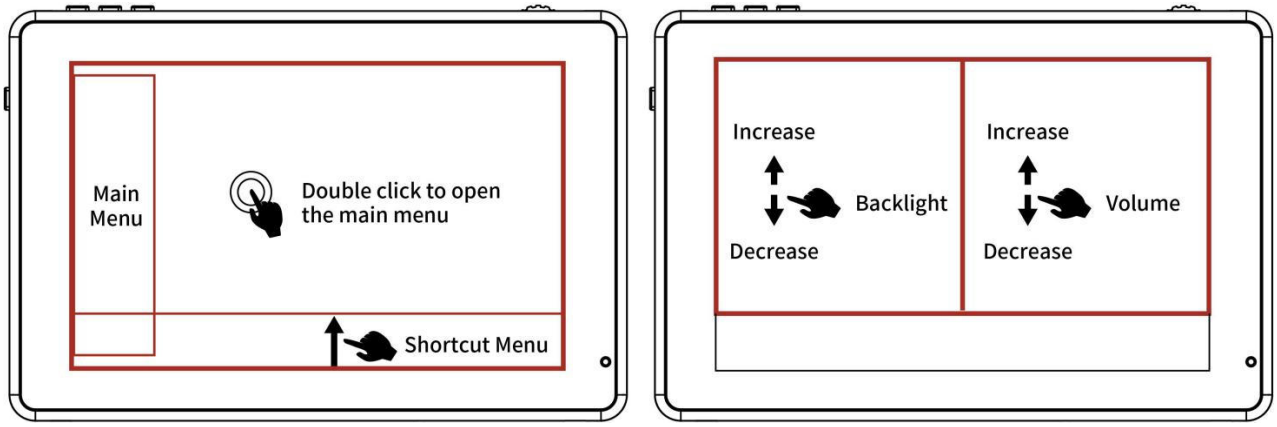
①. Double tap on the screen to open the main menu (show on the left side of the screen) and click on the corresponding menu to display the secondary menu. You can also enter the corresponding function option by touch select or set with the "<" or ">" key of the option.

Exit the menu and press  key of the main menu or top anywhere on the screen.

②. When the menu is not displayed, swipe up from the bottom of the screen to open the shortcut menu, and click on the corresponding menu box to open or set the corresponding function.

③. If the menu is not displayed, on the left side of the screen (1/2 split screen), you can directly adjust the brightness of the screen backlight; on the right side of the screen (1/2 split screen), you can directly adjust the volume.

Figure:



2.2 MENU Wheel Menu Operation

①. When the menu is not displayed, directly rotate the wheel (on top edge of monitor) to backlight or brightness adjustment. The wheel option can be set to backlight or brightness through the menu .

②. Long press the MENU wheel to open the main menu (appears on the left side of the screen). Rotate the wheel to select the secondary function menu. After selecting it, press the wheel, then rotate the wheel to select or set the option function.

③. Short press the MENU wheel to open the shortcut menu (appears on the bottom of the screen), rotate the wheel to select the shortcut menu option, press the wheel to directly turn on/off the function, if you press the parameter selection, repeat the above operation. The shortcut menu will automatically exit after about 5 seconds without operation.

3. Menu Function Instruction



Focus Assist	OFF, ON After the Focus Assist is turned on, the **Focus Level (1～10)** and **Focus Color (yellow, red, green, blue, white)** can be adjusted.
Zebra	OFF, ON After the Zebra is turned on, the **Zebra Value (1%～100%)** can be adjusted.
Monochrome	OFF, gray, red, green, blue
False Color	OFF, type 1, type2
Return ⬅	Back to the previous OSD menu



Nine Grid	OFF, ON
Safety Marker	OFF, 70%, 80%, 90%, 16:9, 16:10, 4:3, 5:4, 1.85:1, 2.35:1
Center Marker	OFF, ON
Marker Mat	OFF, 16:9, 16:10, 4:3, 1.85:1, 2.35:1 After the Marker Mat is turned on, the **Marker Mat Alpha (0%, 25%, 50%, 75%)** can be adjusted.
Marker Color	yellow, red, green, blue, white, black
Return ⬅	Back to the previous OSD menu

● 

Scan Mode	Under Scan, Over Scan
Video Aspect	auto, 16:9, 16:10, 4:3, 5:4, 1.85:1, 2.35:1, stretch, user Under the "**user**", you can customize the **Video Width (100% ~ 200%)**, **Video Height (100% ~ 200%)**
Anamorphic Mode	OFF, 1.25x, 1.33x, 1.5x, 2.0x, 2.0x mag
Flip H	OFF, ON
Flip V	OFF, ON
Zoom Times	OFF, 100%～300%
Freeze	OFF, ON
Pixel to Pixel	OFF, ON
Return ⬅	Back to the previous OSD menu

● 

All Waves	OFF, ON
Parade	OFF, RGB, YUV, Y
Vector	OFF, ON
RGB Histogram	OFF, ON
Histogram	OFF, ON
Audio Meter	OFF, ON
Return ⬅	Back to the previous OSD menu

● 

LUT Switch	OFF, ON The LUT item is displayed after the LUT Switch is turned on. After the LUT Switch is turned on, the **LUT (SLOG2, SLOG3, LOGC, VLOG)** can be adjusted.
LUT Import (SD)	After copying the 3D LUT file to the SD card and inserting it into the SD card slot, you can click the “<” or “>” key in the LUT (SD) option, or rotate the wheel to import the 3D LUT file.
Color temp.	5600K, 6500K, 9300K, user Under the “**user**”, the **red**, **green**, and **blue** values of the image can be adjusted.
Backlight Mode	manual, auto Under "Manual", the **Backlight (1 ～ 100)** can be adjusted manually. Under "Auto", the brightness is automatically adjusted by the light sensor.
Brightness	0～100
Contrast	0～100
Saturation	0～100
Hue	0～100
Sharpness	0～100
Return ⬅	Back to the previous OSD menu

- 

Wheel	Backlight, Volume, Zoom Times After selecting the wheel option, you can click the “<” or “>” button in the wheel option, or rotate the wheel to select one of the shortcut keys to set it to the rotary wheel adjustment (when the menu is not displayed).
F1	Mute, Nine Grid, Safety Marker, Center Marker, Marker Mat, False Color, LUT Switch, Parade, Vector, RGB Histogram, Histogram, Audio Meter, Monochrome, Focus Assist, Zebra, Scan Mode, Video Aspect, Anamorphic Desqueeze Mode, Flip H, Flip V, Freeze, Pixel to Pixel
F2	Input, Nine Grid, Safety Marker, Center Marker, Marker Mat, False Color, LUT Switch, Parade, Vector, RGB Histogram, Histogram, Audio Meter, Monochrome, Focus Assist, Zebra, Scan Mode, Video Aspect, Anamorphic Mode, Flip H, Flip V, Freeze, Pixel to Pixel
F3	All Waves, Nine Grid, Safety Marker, Center Marker, Marker Mat, False Color, Lut Switch, Parade, Vector, RGB Histogram, Histogram, Audio Meter, Monochrome, Focus Assist, Zebra, Scan Mode, Video Aspect, Anamorphic Mode, Flip H, Flip V, Freeze, Pixel to Pixel
Language	中文, English, 日本語, Deutsch, Français, Italiano, Español, 한국, Русский
OSD Alpha	OFF, low, middle, high
OSD Time	5s, 10s, 15s, 20s, 25s, 30s, always

Volume	0～100
Mute	OFF, ON
Reset	After selecting the reset option, you can click the “<” or “>” key in the reset option or rotate the wheel to restore the factory settings.
Input	HDMI, SDI
Firmware Update	After copying the update file to the SD card and inserting it into the SD card slot, you can click the “<” or “>” key in the firmware update option or rotate the wheel to update.
Return 	Back to the previous OSD menu

- 

	Exit the menu

4. Technical Parameters

Panel Size	7” touch screen
Resolution	Full HD 1920 × 1200 pixels
Dot Pitch	0.07875 (H) x 0.07875 (W) (mm)
Aspect Ratio	16:10
Brightness	2200cd/m^2 (Auto Light Sensor)
Contrast	1200:1
Viewing Angle	80°/80°(L/R) 80°/80°(U/D)
Backlight	LED
Adjustable Backlight	Manual, Auto
Input	SDI (Optional), HDMI
Output	SDI (Optional), HDMI
Audio	3.5mm Stereo Headphone, Speaker
Power Out	DC OUT 8.4V, Barrel (5.5mm outer, 2.1mm inner; Power DSLR or Mirrorless camera)
SDI Support Format	720p (60/59.94/50/30/29.97/25/24/23.98) 1080i (60/59.94/50) 1080p (60/59.94/50/30/29.97/25/24/23.98)
HDMI Support Format	480i/480p/576i/576p 720p (60/59.94/50/30/29.97/25/24/23.98) 1080i (60/59.94/50） 1080p (60/59.94/50/30/29.97/25/24/23.98) 3840×2160p (30/29.97/25/24/23.98) 4096×2160p (24Hz)
Power Input Voltage	7～24V
Power Consumption	≦20W
Unit Size	190Lx126Hx27D (mm)
Unit Weight	460g
Mount Points	(3) ¼-20 thread points (left, right, bottom)
Working Temperature	-20℃～50℃
Storage Temperature	-30℃～60℃

5. Troubleshooting

5.1 Only black and white or monochrome picture:

① please check saturation, brightness & contrast adjustment.

② Please check "Monochrome" is in black, white or monochrome image or other condition.

5.2 NO Image after turning on the power

① Check if signal cable connecting is in good condition.

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

5.3 Earphone No sound

① Check if Volume control is set to 0, press the volume button, and try to increase the volume.

■ If you have more questions, please contact Andycine:

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Website: www.andycine.com

Facebook: @andycinegear

Instagram: @andycinegear

Twitter: @andycinegear

■ If there are still other problems, please contact with our Technical Support Specialist.

★ All subject to change as we are continuing improving our products' features and performances.