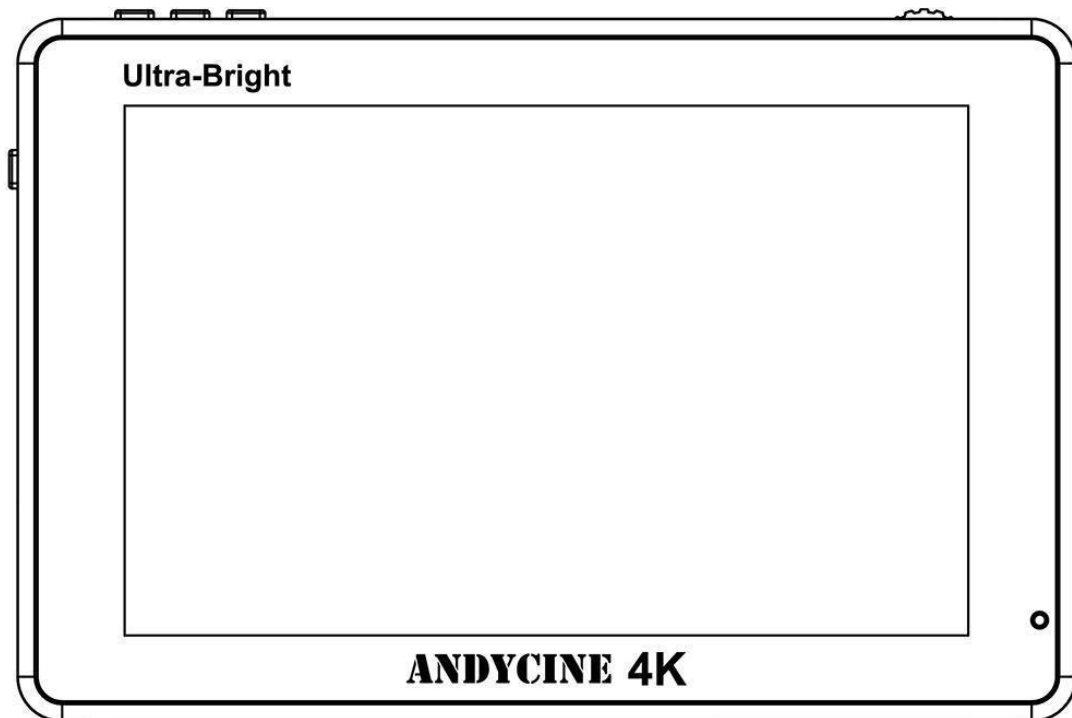


ANDYCINE C7

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 boasts a 1920 x 1200 resolution, 16:10 aspect ratio, 1200:1 contrast ratio, and a 2200 cd/m² 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.

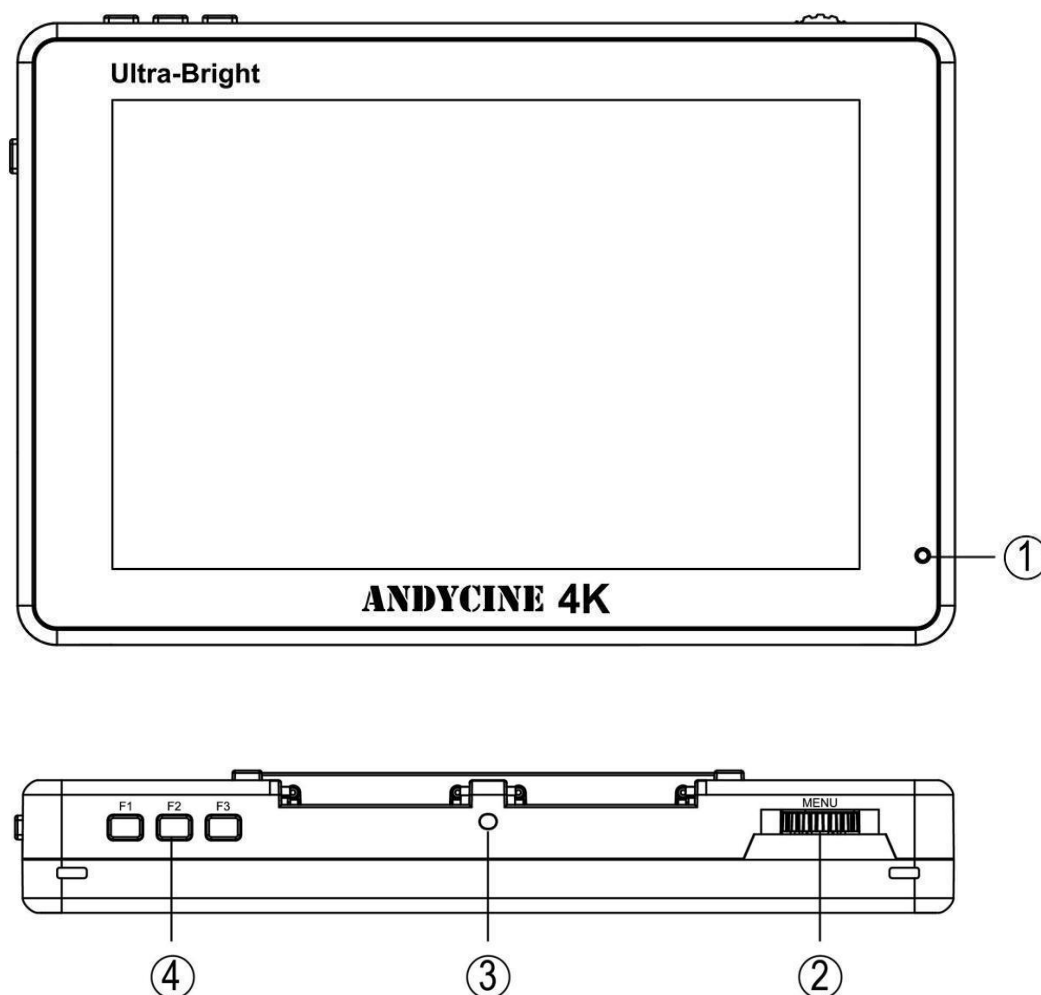
The C7 supports custom 3D LUTs to accurately view the camera color on screen, and it supports professional Rec.709 color calibration technology. With the new Analysis feature you can now simultaneously see what you are shooting, view a waveform, histogram and vectorscope, ensuring complete control of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

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

1. Product Description

1.1 Button Instruction



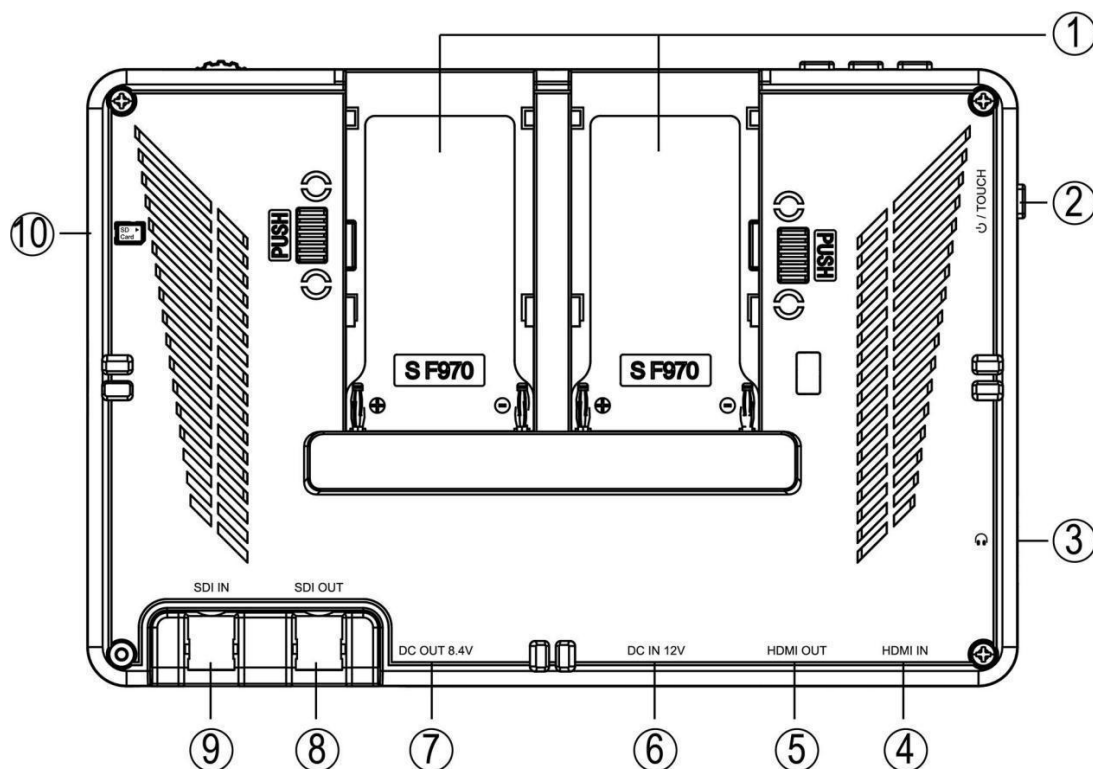
①. **Indicator Light:** After connecting the power, the indicator light will on red. Long Press  / TOUCH button to turn the monitor on, it will turns yellow. When there's signal, the indicator light will turn green.

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

⑥. DC 12V Power Input

②. Power / Touch Function Button

⑦. DC OUT 8.4V Power Output

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

Connect the optional dummy battery cable to power camera.

③. 3.5mm Headphone Jack

⑧. SDI OUT (Optional)

④. HDMI IN

⑨. SDI IN (Optional)

⑤. HDMI OUT

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.

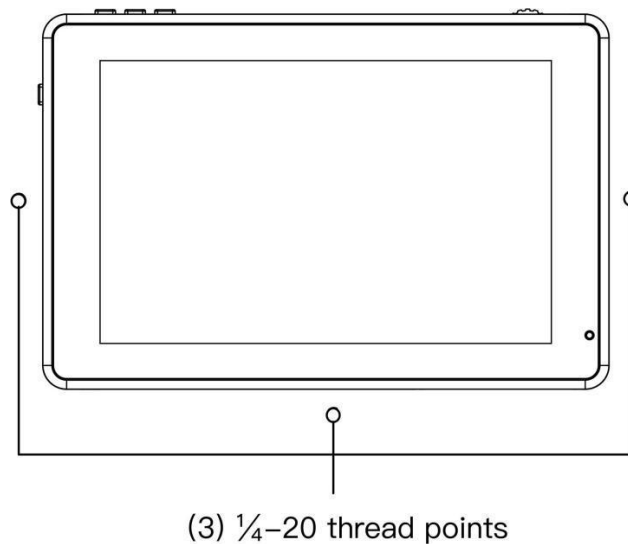
(2) **DC IN 12V:** DC power input, input power polarity:  ,
Barrel (5.5mm outer, 2.1mm inner) located at the
bottom of the monitor, DC 7~24V Input.

(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.

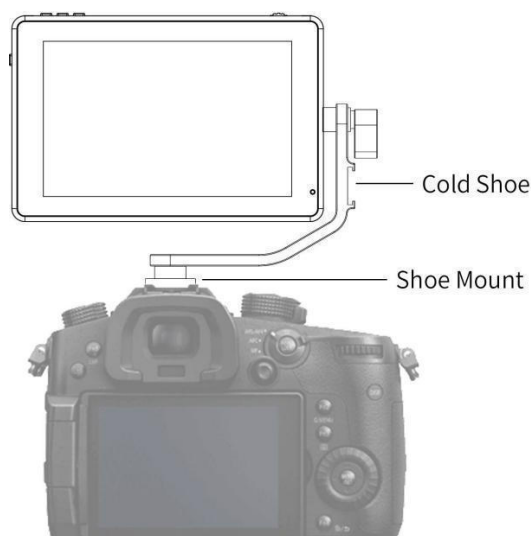
1.4 Mount Points

There are (3) 1/4"-20 thread points (top, bottom, & right side) can be easily connected to the hot shoe mount, or tripod.



Tilt Arm Mounting

The monitor can be secured 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 to secure equipment (like a microphone, LED light, or wireless receiver).



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℃