

6" HDMI Touchscreen Monitor

2600nits Daylight Viewable



User Manual



Product Overview

Thank you for using our 6 inch ultra bright touch screen monitor. This monitor has HDMI input and output, auxiliary power output, touch screen menu operation, HDR monitoring and support user 3D LUT upload and other features. Advanced features include Parade, Vector, Histogram, Audio Meter, Focus Assist, False Color, Zebra Exposure, Pixel to Pixel, Center Marker, Safety Marker, Marker Mat, Monochrome, Image Freeze, Zoom, Anamorphic etc. It is an ideal, portable and lightweight viewfinder and video monitor. The monitor is equipped with a 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

1. Please avoid the heavy impact and drop onto the ground when move the product.
2. The screen of this product is made of glass.Keep away from injury if the screen is broken.
3. Keep the product away from the heat source, and avoid the prolonged exposures to the sun as the LCD screen will be damaged.
4. Please do NOT use chemical solutions to clean this product.
Please wipe the monitor with a clean soft cloth to maintain the brightness of the surface.
5. No adjustable components are in the monitor. Please do not take apart or repair the unit by yourself, to avoid the damage of the product.



FEATURES

- ✧ Touch screen menu operation
- ✧ Support HDR monitoring
- ✧ User custom 3D LUT import by SD card
- ✧ 1920x1080 full HD IPS screen, 2600nits daylight viewable
- ✧ All Waves display, Parade, Vector, RGB Histogram functions
- ✧ Histogram is a quantitative tool to inspect the image brightness, to guide the exposure control
- ✧ Focus Assist (red, green, blue, white, yellow five peaking colors optional)
- ✧ Audio Meter
- ✧ Zebra and False Color function, convenient to guide the using light when shooting and the post production
- ✧ Monochrome (gray, red, green, blue)
- ✧ Image Zoom-in function
- ✧ Anamorphic Mode
- ✧ Image Flip H and Flip V, Auto Mirror
- ✧ 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



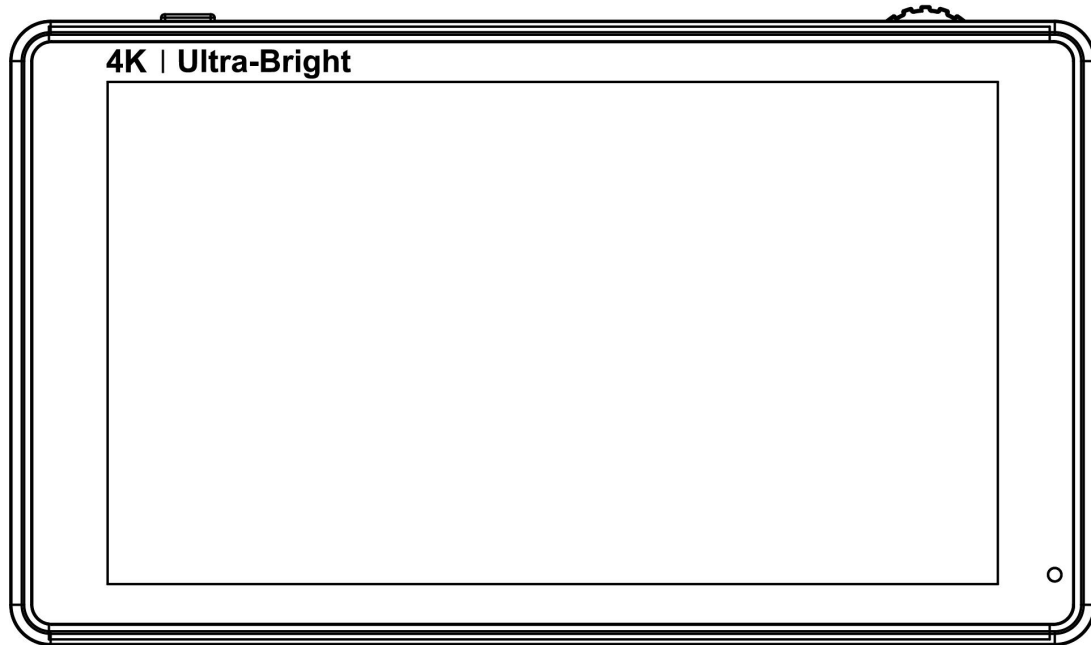
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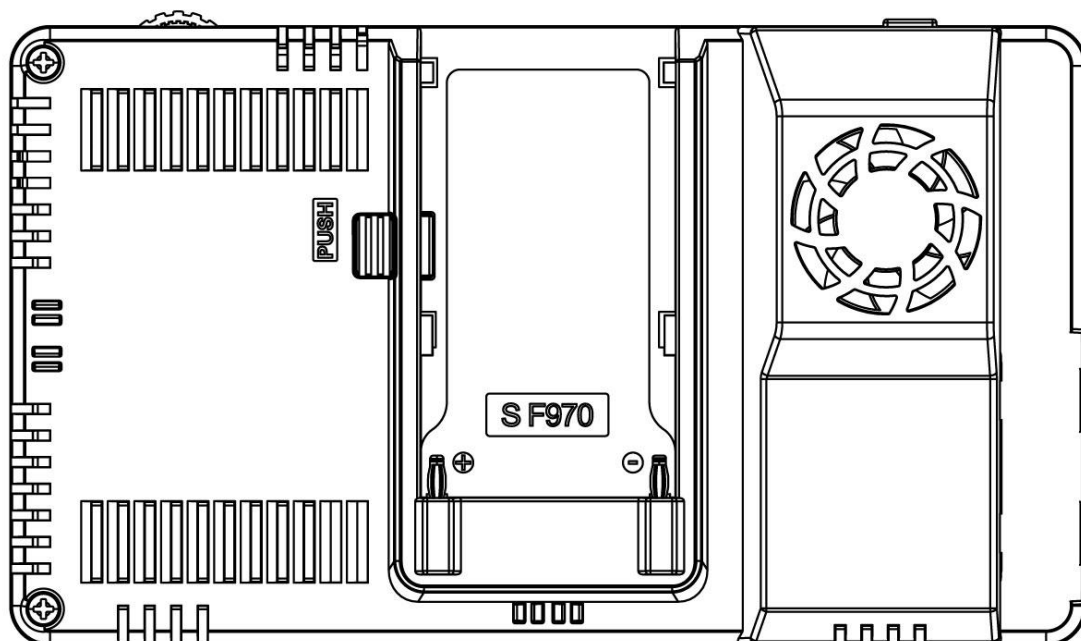


1. Product Description

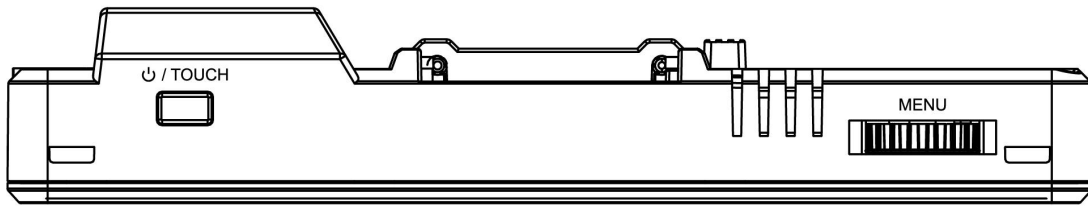
● Front Panel



● Back Panel



1.1 Button Instructions

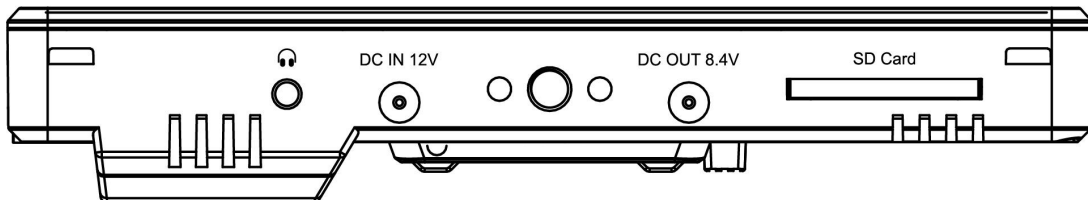


⏻ / TOUCH : Long press to turn on and off the power; short press to turn on and off the screen touch function

MENU: Long press to open the main menu and short press to open the shortcut menu. Rotate the wheel to select a menu item, press it again to open the corresponding menu function.

(See details: **2. Menu Operation Instruction**)

1.2 Port Instructions (Bottom)



🎧 : 3.5mm earphone port output

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

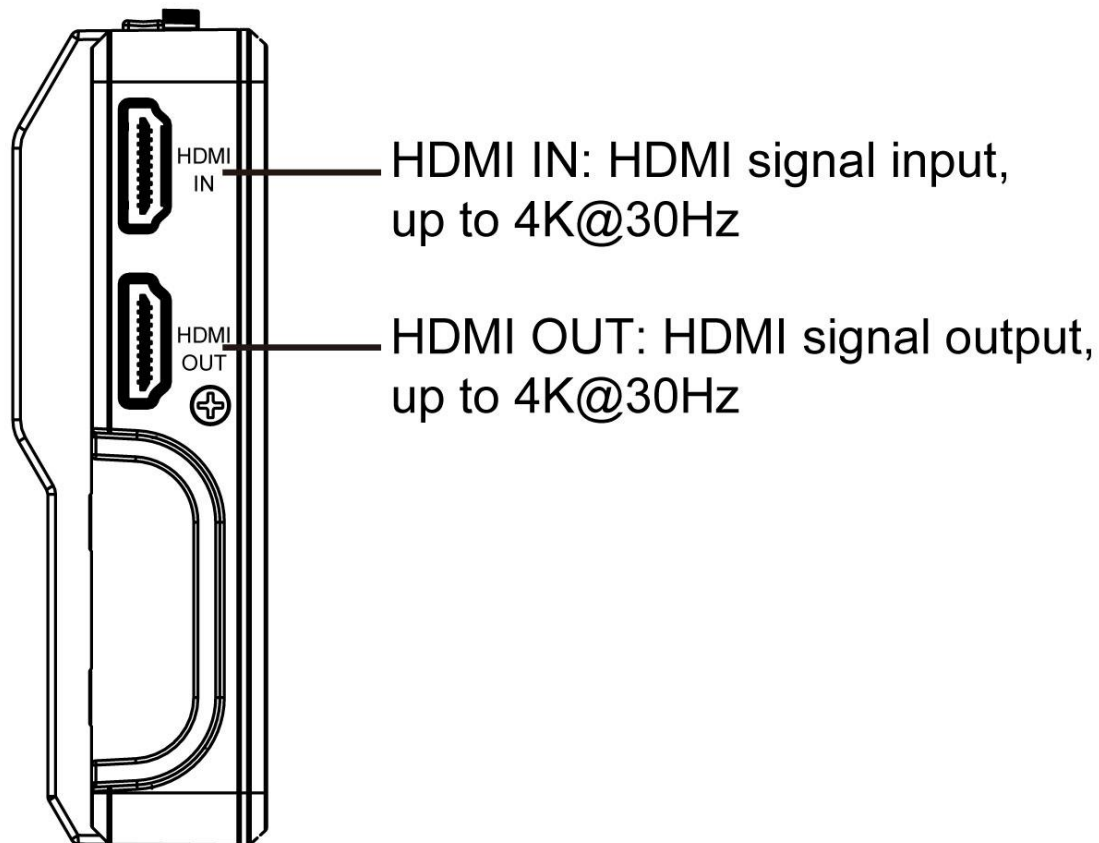
DC OUT 8.4V: DC power output, polarity as the output power 

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



SD Card: SD card slot, 3DLUT upload via SD card and for firmware upgrade

1.3 Port Instructions (Left)



1.4 Power Supply Way

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

Sony F970 battery plate for battery of Sony DV:

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

Remark: It is recommended to use standard original F970 batteries. Different specifications of the battery have different



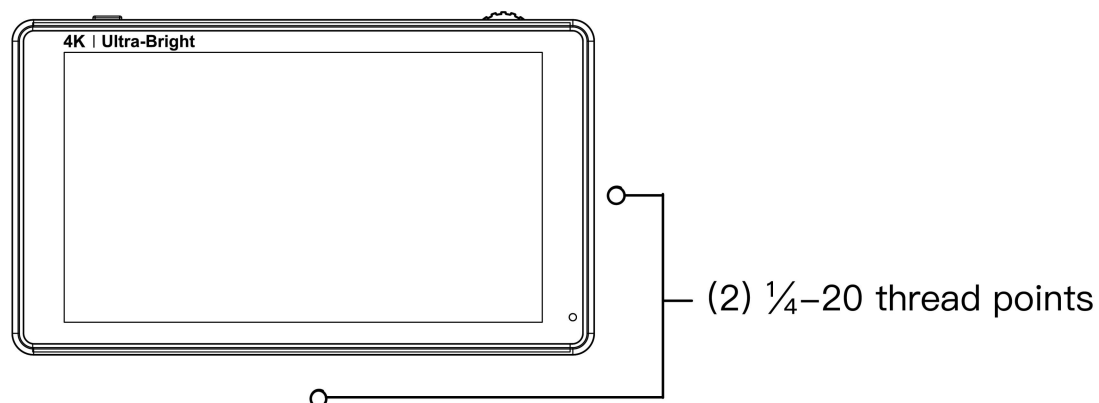
capability. The working time for the monitor will be different. Higher capability (working time) will be longer. Please take off the battery from the monitor if you don't use the monitor in a long time.

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

1.5 Installation Way

(1) Mount Points

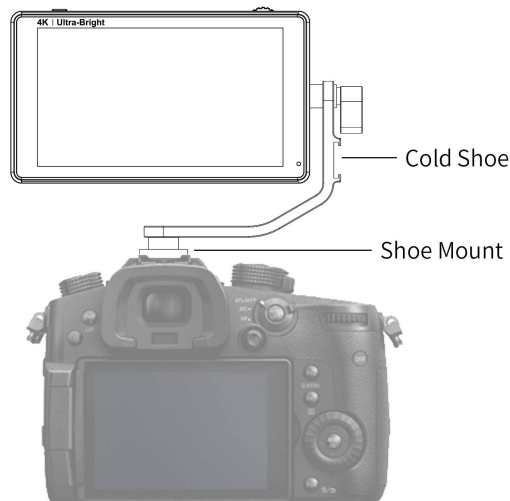
There are (2) 1/4-20 thread points (bottom & right side) can be easily connected to the hot shoe mount, tripod fixed installation.



(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.





2. Menu Operation Instructions

After the monitor is properly connected to the power supply, the indicator light is on (red). Long press **⏻ / TOUCH** button to turn on the monitor, the indicator light turns yellow. After the signal is connected, the indicator light turns green.

After startup, short press **⏻ / TOUCH** to select to turn the screen touch function on or off.

2.1 Touch screen menu operation (default touch screen is on)

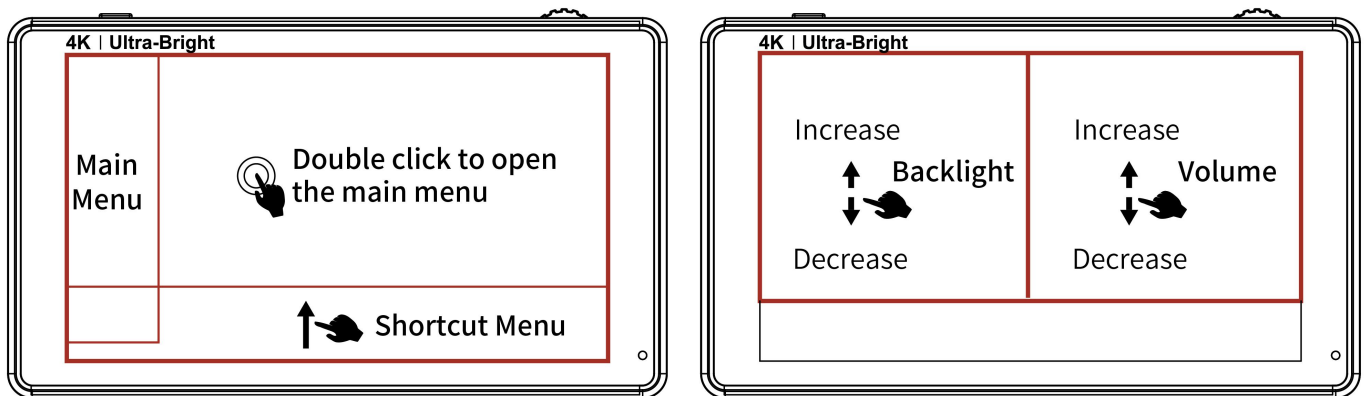
- ①. Double-click on the screen to open the main menu (on the left side of the screen) and click on the corresponding menu to display the secondary menu. You can enter the corresponding function option to select or set with the "<" or ">" key of the option. To exit the menu, click the main menu  menu or click the touch screen outside the menu.
- ②. When the menu is not displayed, swipe up from the bottom of the screen to open the shortcut menu, and click the shortcut menu function to open or set the function. Double-click the shortcut menu function, through the



menu box "<" or ">" button, you can customize the function settings. Click the touch screen outside the shortcut menu to exit the shortcut menu display.

- ③. When 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 Operations

- ①. When the menu is not displayed, directly rotate the wheel to backlight or volume adjustment. The **wheel** option can be set to backlight or volume in the menu .
- ②. Long press the MENU wheel to open the main menu (left side of the screen), rotate the wheel to select the secondary menu. After selection, press the wheel to enter the secondary menu, and then rotate the wheel to select the secondary menu function. After selection, press the wheel to enter the secondary menu function, rotate the wheel to adjust the parameters. After the adjustment, press the wheel to confirm and exit the



secondary menu function, rotate the wheel to enter the next adjustment.

When finished, long press the MENU wheel to exit the main menu.

- ③. Short press the MENU wheel to open the shortcut menu (below 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. When finished, long press the MENU wheel to exit the shortcut menu.

3. Menu Function Instructions



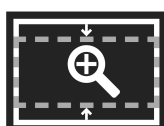
All Waves	OFF, ON
Parade	OFF, RGB, YUV, Y
Vector	OFF, ON
Y Histogram	OFF, ON
RGB Histogram	OFF, ON
Focus Assist	OFF, ON The focus level and focus color items are displayed after the focus assist is turned on.
Focus Level	1~10
Focus Color	yellow, red, green, blue, white
Audio Meter	OFF, ON
Zebra	OFF, ON The zebra value item is displayed only after the zebra is turned on.



Zebra Value	1%~100%
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, 1:1, 1.91:1.1, 4:5, 9:16, 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, 2.41:1, 1.9:1, 5:4, 1:1.9 The Marker Mat Alpha item is displayed after the Marker Mat is turned on.
Marker Mat Alpha	0%, 25%, 50%, 75%
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



HDR	OFF, HLG 2020, HLG 709, HLG P3
Lut Switch	OFF, ON The Lut item is displayed after the Lut Switch is turned on.
Lut	SLOG2, SLOG3, LOGC, VLOG
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. Note: the chip should be faced up when inserting the SD card, and press it after inserting to ensure that the SD card is fully inserted.
Colortemp	5600K, 6500K, 9300K, user Under the “user” item, the red, green, and blue values of the image can be adjusted.
Backlight	1~100
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 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).
Language	English, 中文, 繁體中文, 日本語, Deutsch, Français, Italiano, Español, 한국, Русский
Transparency	OFF, low, middle, high
OSD Time	5s, 10s, 15s, 20s, 25s, always
Auto Mirror	OFF, ON After turning on, the image will automatically adjust upside down.
Volume	0~100
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.
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. Note: the chip should be faced up when inserting the SD card, and press it after inserting to ensure that the SD card is fully inserted.
Return 	Back to the previous OSD menu



	Exit the menu
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4. How to Load LUT

4.1 SD card format

Support FAT32 or NTFS. For MAC system, the SD card should be formatted in MS-DOS (FAT)

4.2 Max Files Limit Maximum 50 Lut files

4.3 File requirements

- The LUT file format suffix should be **.cube**
- Single file not exceeded to 7.9Mb
- Support LUT-3D-Size 16,17,32,33,64,65

Remark: LUT file name must be English or Arabic numerals

4.4 Steps for loading

4.4.1 Make sure the SD card correctly insert



4.4.2 Enter main menu  --**Lut Import (SD)**-- click “<” or “>” to load

the monitor will auto detect the SD card

A. There is no SD Card, the screen will show failed,can try once more,if not work, restart the monitor and try again

B. There is SD Card, the monitor will erase the exits user’s lut fill and show “Initializing” , If there is no valid lut file in SD card, the lut will not load.The monitor will show “clean up”

C. If there is valid lut file in SD card, 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 50.

5. Support Formats

HDMI Input/ Output 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) 3840x2160p (30/29.97/25/24/23.98) 4096×2160p (24Hz)
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6. Technical Parameters

Panel Size	6” touch screen
Resolution	1920 x 1080 pixels
Dot Pitch	0.069(L) x 0.069(W) (mm)
Aspect Ratio	16:9
Brightness	2600cd/m ²
Contrast	1000:1



Viewing Angle	80°/80°(L/R) 80°/80°(U/D)
Backlight	LED
Input	HDMI
Output	HDMI
Audio	3.5mm Stereo Headphone
Power Out	DC OUT 8.4V, Barrel (5.5mm outer, 2.1mm inner; Power DSLR or mirrorless camera)
Input Voltage	7~24V
Power Consumption	≦ 16W
Unit Size	162Lx93.2Hx29D (mm)
Unit Weight	300g
Mount Points	(2) 1/4-20 thread points (right, bottom)
Working Temperature	-20℃ ~ 50℃
Storage Temperature	-30℃ ~ 60℃

7. Trouble Shooting

7.1 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.

7.2 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.



7.3 Earphone No sound

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

- If there are still other problems, please contact with our related technologists.
- ★ As we are improving product features and product performance, so if there is any change on the specification without prior notice.

