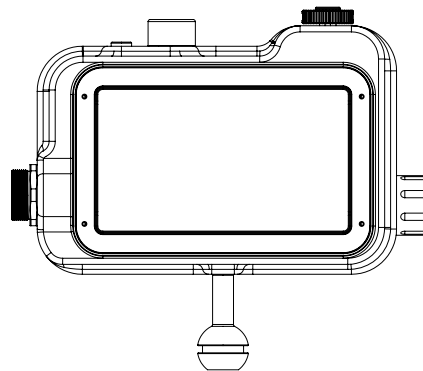




# MR5 监视器

3000nits 超高亮度



使用说明



🌐 **Website:**www.fotocore.com

✉ **E-mail:**sales@fotocore.com

📍 **Address:**2502, Building A ,Wang Zuo Qu Jiang, Yanta District,  
Xi'an 710061, Shaanxi, China

### 产品简介：

欢迎使用本公司生产的5.5寸高亮摄影监视器。本监视器配备HDMI输入和输出、辅助电源输出、HDR监看及支持用户3D LUT上传等特征。高级特性包括波形图、矢量图、直方图、音频柱、辅助对焦、伪色彩、斑马纹、点对点、中心标记、安全标记、遮幅标记、单色显示、图像静止、放大、变形模式等，是一款理想的便携式轻量级的取景配套监视器。



**使用产品前，为达到最佳使用效果，请阅读本说明书**

## 注意事项

1. 移动机器时慎防跌落导致机器严重损坏或损毁。
2. 此产品中的液晶屏由玻璃制成，如屏破损可能会造成其他伤害。
3. 保持产品远离热源，避免机器长时间暴露在阳光下，这将导致液晶屏的损坏。
4. 不要用化学试剂或溶剂擦洗机器，请用软布擦除机器上的尘污，以保证本机的亮丽。
5. 机内无用户可调组件，非专业人员请勿自行打开本机或自行尝试修理本产品，以免造成不必要的损坏。

## 产品特点

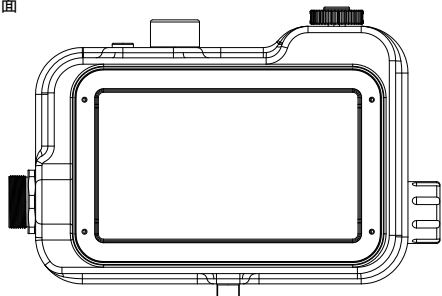
- 支持HDR监看
- 支持用户3DLUT上载
- 1920x1080 全高清 IPS 屏
- 超高亮 3000nit, 阳光下屏幕清晰可见
- 自适应光感技术, 可根据不同环境自动调节亮度
- 支持 HDR 监看, 清晰捕捉画面细节
- 3D LUT Log 灰片转换 Rec.709, 支持用户 3D LUT 上载
- 全波形显示、波形图、矢量图、RGB 直方图
- 亮度直方图, 检验图片亮度的一种量化工具, 指导摄影曝光掌握
- 辅助对焦 (可选择黄、红、绿、蓝、白对焦边缘)
- 斑马纹及伪色彩辅助功能, 方便指导拍摄时用光和后期制作
- 单色显示 (灰、红、绿、蓝)
- 图像放大功能
- 变形模式
- 图像横向和纵向翻转、自动镜像
- 图像静止
- 点对点显示
- 中心标记、安全标记及遮幅标记
- 图像亮度、对比度、锐度、色相、饱和度及色温调整

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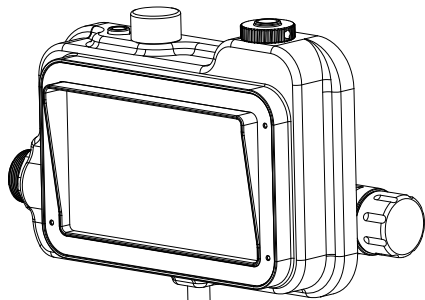
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# 一、产品描述

• 正面

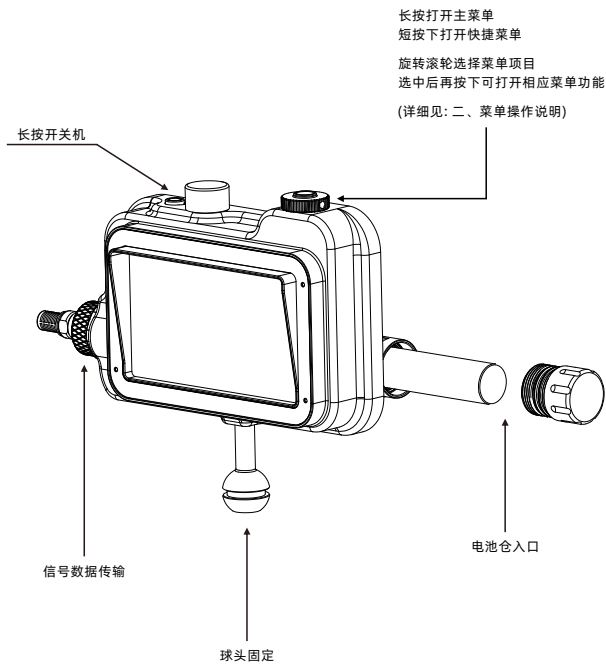


• 侧面



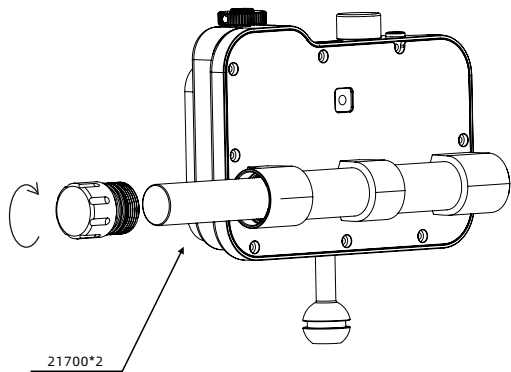
01

## 1、产品外观说明



02

## 2、供电方式




FOTOCORE 专用21700电池, Type-C 充电。

电池容量18.5wh(3.7Vx5.0Ah), 工作时间2~7小时, 工作电压5.4-8.4V。

## 二、菜单操作说明

监视器正确接入电源后指示灯亮(红色), 长按顶部的开机键开机。

### MENU滚轮菜单操作

1. 菜单不显示时, 直接旋转滚轮为背光或者音量调节。可以在菜单  里设置滚轮选项为背光或者音量。
2. 长按 **MENU** 滚轮, 打开主菜单(屏幕左侧), 旋转滚轮选择二级菜单, 选定后按下滚轮进入二级菜单, 再旋转滚轮选择二级菜单功能。选定后按下滚轮进入二级菜单功能, 旋转滚轮调整参数。调整完毕后, 按下滚轮确定并退出二级菜单功能, 旋转滚轮进入下一项调整。完成后长按 **MENU** 滚轮退出主菜单。
3. 短按 **MENU** 滚轮, 打开快捷菜单(屏幕下方), 旋转滚轮选择快捷菜单功能, 选中后按下滚轮直接开启/关闭功能, 如果按下有参数选择, 再重复以上操作。完成后长按 **MENU** 滚轮退出快捷菜单。

### 三、菜单功能说明



全波形	关、开 开启后，波形图、矢量图、直方图、音频柱全部显示，有助于更直观清晰的分析图像
波形图	关、RGB、YUV、Y 是一种精确的显示和观测视频画面亮度级别的辅助图形，将视频上每一列像素点的亮度值和分布情况统计出来，支持 YUV、RGB、Y 三种波形
矢量图	关、开 利用像素点到中心点的距离和角度来显示色彩和分布情况
亮度直方图	关、开
峰值对焦	关、开 辅助对焦开启后可调整对焦水平(1~10) 对焦颜色(黄、红、绿、蓝、白)
音频柱	关、开
斑马纹	关、开 斑马纹开启后可调整斑马纹值(1%~100%)
单色	关、灰、红、绿、蓝
伪彩	关、类型1、类型2
返回 ←	返回上一级菜单



九宫格	关、开
安全标记	关、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
中心标记	关、开
遮幅标记	关、16:9、16:10、4:3、1.85:1、2.35:1、2.41:1、1.9:1、5:4、1:1.9 遮幅标记开启后可调整遮幅透明度(0%、25%、50%、75%)
标记颜色	黄、红、绿、蓝、白、黑
返回 ←	返回上一级菜单



扫描模式	欠扫描、过扫描
显示比例	自动、16:9、16:10、4:3、5:4、1.85:1、2.35:1、拉伸、自定义 在“自定义”下，可自定义调整视频宽度(100%~200%)、频高度(100%~200%)
变形模式	关、1.25x、1.33x、1.5x、1.6x、1.8x、2.0x、2.0x mag
自动镜像	关、开 开启后，画面会自动进行上下翻转调整
横向翻转	关、开
纵向翻转	关、开
放大倍数	关、100%~500%
图像静止	关、开
点对点	关、开
返回 ←	返回上一级菜单



HDR	关、HLG 2020、HLG 709、HLG P3
Lut 开关	关、开 LUT开关开启后可使用 Lut 设置(SLOG2、SLOG3、LOGC、VLOG)
导入Lut(SD)	将3D Lut 文件拷贝到SD 卡后，插进 SD卡槽，可以点击导入Lut(SD)选项中的“<”或“>”键，或者旋转滚轮导入3D Lut 文件。(最多 50 个) 注: 插 SD 卡时芯片要朝上，插完要按一下以确保 SD卡有完全插进去
色温	5600K、6500K、9300K、自定义; 在“自定义”下，可对图像的红、绿、蓝数值进行调整
背光模式	手动、自动 当选择自动时，设备会根据周边环境自动调节背光亮亮度
背光	0~100
亮度	0~100
对比度	0~100
饱和度	0~100
色相	0~100
锐度	0~100
返回 ←	返回上一级菜单



滚轮	背光、音量 选中滚轮选项后，可以点击滚轮选项中的“<”或“>”键，或者旋转滚轮选择其中一个将其设置为旋转滚轮调节的快捷键操作(菜单不显示时)
语言	中文、繁體中文、日本語、Deutsch、Français、Italiano、Español、한국、Русский、English
OSD 透明度	关、低、中、高
OSD 时长	5s、10s、15s、20s、25s、永久
音量	0~100
静音	关、开
风扇转速	0~100% 背光值为 30~50 风扇转速范围为 50%~100%，背光值为 50~80 风扇转速范围为 70%~100%
复位	关、开 选中复位选项后，可以点击复位选项中的“<”或“>”键，或者旋转滚轮恢复出厂设置
固件更新	将更新文件拷贝到SD卡后，插进SD卡槽，可点击固件更新选项中的“<”或“>”键，或者旋转滚轮进行更新 注:插SD卡时芯片要朝上，插完要按一下以确保 SD卡有完全插进去
返回 ←	返回上一级菜单



退出菜单

#### 四、信号支持格式

HDMI输入输出 支持格式	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)
	4096x2160p (24Hz)

#### 五、产品技术参数

屏幕尺寸	5.5英寸
分辨率	1920 x 1080 pixels
点 距	0.069(L) x 0.069(W)(mm)
显示比例	16:9
亮 度	3000cd/m <sup>2</sup>
对 比 度	1000:1
可视角度	80°/80°(L/R)80°/80°(U/D)
背 光 源	LED
输 入	HDMI
输 出	HDMI
电源输出	DC OUT 8.4V (外径5.5mm, 内径2.1mm; 可给单反或微单相机供电)
输入电压	7~24V
消耗功率	≤20W
外观尺寸	175L x 111H x 32.2D(mm)
重 量	1270g (含电池陆地重量)
安装方式	2个1/4-20 标准快装螺孔 (右侧、底部)
工作温度	-20°C~70°C
存储温度	-30°C~80°C



## 六、常见故障排除

1、黑白图象或单色图像:

- ① 确认彩色级别的饱和度和亮度、对比度的调整是否合适
- ② 监视器的“单色”是否处于黑白或其他单色图像状态。

2、接上电源开启后无图

- ① 查看信号连接线接触是否良好。
- ② 请确保使用标准的适配器连接到监视器；如果是由电池供电，请检查电池是否处于充满电状态。

■ 备注：若仍存在其它问题,请联系我们的相关技术人员。

★ 由于我们在不断努力提高产品功能和产品性能，说明书如有变更，恕不另行通知。

## 七、售后服务

所有FOTOCORE产品具有保修期，有缺陷的产品可以在自购买15天内通过当地分销商/经销商处免费更换，15天后所有缺陷/故障FOTOCORE产品将进入免费期限，免费维修期为购买之日起15个月内，超过15个月，将进入有限保修期，将收取劳动力成本，但不收取配件或更换零件费用。

不在保修范围之内的情况如下：

- 1.本产品被私自拆卸，未经授权重建和/或维修。
- 2.本产品通过使用不当损坏。
- 3.产品电池泄漏损坏，含未及时保养造成的损坏。

有关FOTOCORE产品和服务的最新消息，请联系贵国FOTOCORE经销商或发送电子邮件至sales@fotocore.com

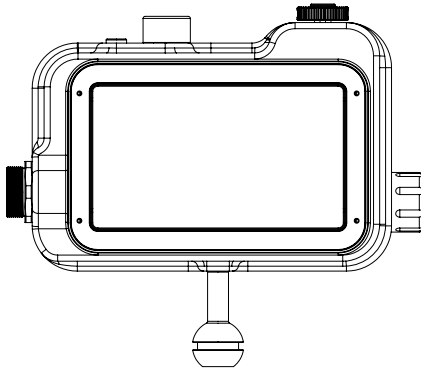
FOTOCORE全系产品数据以官方网站数据为准。

官方网站：[www.fotocore.com](http://www.fotocore.com)



# MR5 Monitor

3000 ultra-high brightness



**User Manual**

## **Brief Introduction:**

Welcome to choose and use the 5.5" high-brightness camera monitor produced by our company. This monitor is equipped with HDMI input and output, auxiliary power output, HDR monitoring and support for user 3D LUT on loading characteristics. Advanced monitor features include Waveform Graphs, Vector Graphs, Histograms, Audio Columns, Focus Assist, False Colors, Zebra Exposure, Dot by Dot, Center Marks, Safety Marks, Banner Marks, Monochrome Display, Image Still, Magnification, Anamorphic Mode, etc. MR6 Monitor is an ideal portable lightweight viewfinder matching monitor.



**In order to achieve the best effect,  
please read this user manual before starting to use it.**

## **Precautions**

1. Be careful not to drop it and cause serious damage or damage to the machine when moving the machine.
2. The LCD screen is made of glass. Hence it may cause other injuries if the screen is broken.
3. Keep it away from heat sources and avoid the machine being exposed to sunlight for a long time, which will cause damage to the LCD screen.
4. Do not scrub the machine with chemical reagents or solvents. Please use a soft cloth to wipe off the dust on the machine to ensure the brightness of the machine.
5. There are no user-adjustable components inside the machine. Non-professionals are not allowed to open the machine or try to repair it to avoid unnecessary damage.

## Monitor Software Features

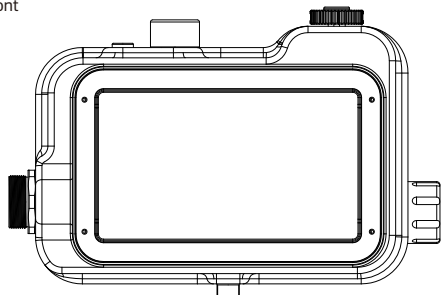
- Support HDR monitoring
- Support user 3DLUT upload
- 1920x1080 full HD IPS screen
- Ultra-bright 3000nit, clearly visible in the sun
- Light sensor auto dimming
- Support HDR monitoring, what you see is what you get
- Support 3D LUT Log to REC.709 and user 3D LUT upload
- Full waveform display, waveform graph, vector diagram, RGB histogram
- Brightness histogram is a quantitative toll to testing the brightness of pictures which guides photography exposure control
- Focus assist (Yellow/Red/Green/Blue/white focus edges are optional)
- Zebra pattern and false color assist function is convenient for guiding lighting during shooting and post-production
- Monochrome display (gray/Red/Green/Blue)
- Image zoom function
- Warp mode
- Image flipping horizontally and vertically and auto mirroring
- Image still
- Dot by dot display
- Center marks, safety marks and banner marks
- Image brightness, contrast, sharpness, hue, saturation and color temperature adjustment

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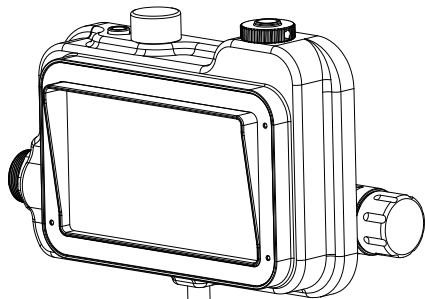
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# I. Product description

- Front



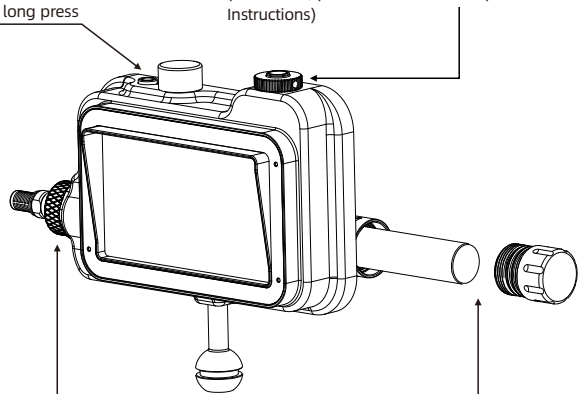
- Side



## I-1. Product appearance description

Long press to open the main menu. Short press to open the shortcut menu.  
Scrolling the Scroll Button to select a menu item, select it and press to open the corresponding menu function.  
(For details, please check II Menu Operation Instructions)

Switch button  
by long press

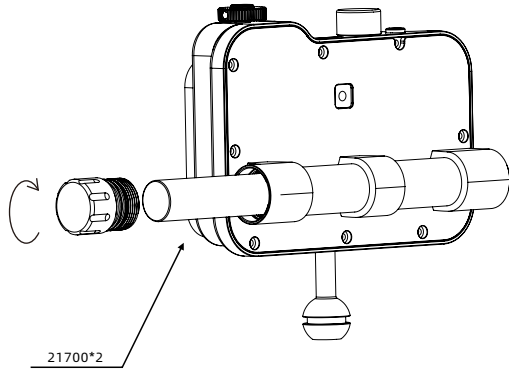


Signal data  
transmission

Ball joint mounting

Battery housing

## I-2. Power supply mode



2\*21700 Battery with Type-C rechargeable.

Battery Capacity: 18.5Wh (3.7V×5.0Ah)


Working Time: 2~7 hours

Working Voltage: 5.4-8.4V

## II. Menu Operation Instructions

The indicator light is on (red) after this monitor is correctly connected to the power supply. And then long press the Switch Button on the top to switch on the monitor.

### MENU scrolling menu operation:

1. When the menu is not displayed, directly rotate the Scroll Button to adjust the backlight or volume. And can be set Scroll Button option in Dish Set  as backlight or volume in the menu.
2. Press and hold the **MENU** Scroll Button to open the main menu (on the left side of the screen), turn it to select the secondary Menu, press it to enter the second-level menu after selection, and then rotate it to select the second-level menu single function. After selection, press Scroll Button to enter the secondary menu function, rotate it to adjust the parameter number. After the adjustment, press Scroll Button to confirm and exit the secondary menu function, turn Scroll Button to proceed to the next adjustment. Long press the **MENU** Scroll Button to exit the main menu when finished.
3. Short press the **MENU** Scroll Button to open the shortcut menu (bottom of the screen), and turn it to select shortcut menu function. After selection, press Scroll Button to directly turn on/off the function. If you press parameter selection, and then repeat the above operation. Press and hold the MENU Scroll Button to exit the shortcut menu in the end.

### III. Menu Function Instruction



All Waves	OFF, ON After turning on, waveform, vector, histogram and embedded audio will be shown.
Parade	OFF, RGB, YUV, Y 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	OFF, ON Shows how saturated the image is and where the pixels in the image land on the color spectrum.
Histogram	OFF, ON
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.
Audio Meter	Off, On
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, 1:1,1.91:1.1, 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 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, 1.6x, 1.8x, 2.0x, 2.0x mag
Auto Mirror	OFF, ON After turning on, the image will automatically adjust upside down.
Flip H	OFF, ON
Flip V	OFF, ON
Zoom Times	OFF, 100% ~ 500%
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 After the Lut Switch is turned on, you can use the 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. (up to import 50 LutS) 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”, the red, green, and blue values of the image can be adjusted.
Backlight Mode	Auto, Manual When selecting auto mode, the device will adjusting the backlight automatically according to the around environment
Backlight	0~100
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	中文, 繁體中文, 日本語, Deutsch, Français, italiano, Español, 한국, Русский, English
Transparency	OFF, low, middle, high
OSD Time	5s, 10s, 15s, 20s, 25s, always
Volume	0~100
Mute	OFF, ON
Fan Speed	0~100% When the backlight value is 30~50, the fan speed range is 50%~100%; the backlight value is 50~80, the fan speed range is 70%~100%
Reset	OFF, ON 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

#### IV. 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)
	4096x2160p (24Hz)

## V. Technical Parameters

Panel Size	5.5" touch screen
Resolution	1920 x 1080 pixels
Dot Pitch	0.069(L) x 0.069(W)(mm)
Aspect Ratio	16:9
Brightness	3000cd/m <sup>2</sup>
Contrast	1000 : 1
Viewing Angle	80°/80°(L/R) 80°/80°(U/D)
Backlight	LED
Input	HDMI
Output	HDMI
Power Output	DC OUT 8V, Barrel (5.5mm outer, 2.1mm inner; Power DSLR or mirrorless camera)
Input Voltage	7~24V
Power Consumption	≤20W
Unit Size	175Lx111Hx32.2D (mm)
Unit Weight	1270g (on land with battery)
Mount Points	(2) ¼-20 thread points (right, bottom)
Working Temperature	-20°C ~ 70°C
Storage Temperature	-30°C ~ 80°C



## VI. Common Malfunction Resolution

1. Black&white image or monochrome image:

- ① Check whether the saturation, brightness and contrast of the color level are properly adjusted.
- ② Whether the "monochrome" of the monitor is in black and white or other monochrome image status.

2. There is no picture after the power is turned on

- ① Check whether the signal connection line is in good contact.
- ② Please make sure to use a standard adapter to connect to the monitor; If powered by battery, please check that the battery is fully charged.

■ Remarks: If you still have other problems, please contact our relevant technical personnel.

★ Due to our continuous efforts to improve product functions and product performance, the instructions are subject to change without notice.

## VII. After-sales Service

All FOTOCORE products have a warranty period, defective products can be replaced free of charge at your local distributor/dealer within 15 days of purchase. And after 15 days all defects/failures of FOTOCORE products will enter the free period, and the free maintenance period will be within 15 months from the date of purchase. After 15 months, it will enter the limited warranty period, and labor costs will be charged, but no accessories or replacement parts will be charged. The warranty is invalidated in all of the following situations:

1. The product(s) is/are disassembled, reconstructed, and/or modified by unauthorized parties.
2. The product(s) is /are damaged via improper use.
3. The battery is leaked and damaged, including damage caused by untimely maintenance.

For the latest news on FOTOCORE products and services, please contact your FOTOCORE distributor or send an email to [sales@fotocore.com](mailto:sales@fotocore.com). The FOTOCORE official website shall prevail in case of any product data changes.