CineView M7 PRO

User Manual | 用户手册

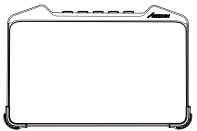
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V1.0

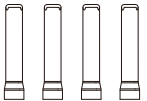
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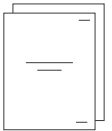
01 In the Box



CineView M7 Pro × 1



2.4GHz/5GHz Dual-Band Antennas × 4



User Manual × 1

02 Introduction

Thank you for choosing the Accsoon CineView M7 Pro wireless monitor. Seamlessly integrating wireless transmission with professional monitoring capabilities, the CineView M7 Pro creates a unified ecosystem for both transmission and monitoring. Each unit undergoes precision calibration to deliver cinema-grade color accuracy that meets professional film and television production standards. This ensures precise control over every frame while accommodating diverse shooting requirements.

03 Product Features

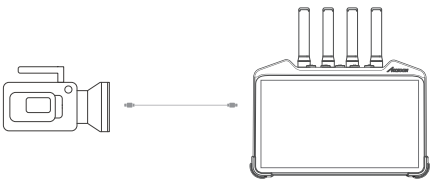
- Precision in Color Accuracy for Professional Monitoring
- 4K60 Video Inputs & Outputs
- Receive Wireless Video from CineView Transmitters[1]
- SDI & HDMI Cross Conversion
- SDI & HDMI Simultaneously Outputs
- Up/Down Convert HD/4K Video
- LUT Box | Real-Time Look Application
- SD Card Support
- USB 3.0, Supports External Storage
- Stream, Cloud-Upload, Share via Built-in Wi-Fi
- Microphone and Headphone Jacks
- Supports PD, DC & NP-F power

[1] Note: Compatible with CineView QUAD/HE/SE/2 SDI/Master 4K.

04 Applications

4.1 Wired monitor

Connect a video source via HDMI or 3G-SDI to use CineView M7 Pro as a professional 7-inch wired monitor.

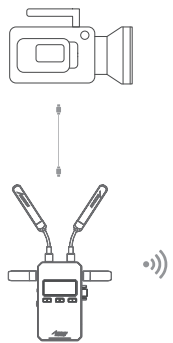


HDMI/SDI source

Displaying input signal

4.2 Wireless monitor

When wirelessly connected to a CineView series transmitter, CineView M7 Pro will function as a wireless monitor. Refer to 7. RX Mode for further details.



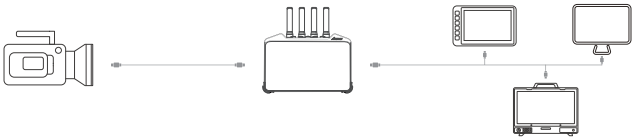
CineView Transmitter



Note: Set in RX mode

4.3 LUT box for on-set applications

CineView M7 Pro supports loading 3D LUT via USB to perform real-time live grading, you can apply a film look to the input signal and output to other monitors through HDMI and SDI.



HDMI/SDI source

LUT application

Look applied output

4.4 Streaming

With its built-in Wi-Fi, CineView M7 Pro is able to stream wired video signal directly to online live streaming platforms, enabling professional-grade broadcasts. Refer to 8. Live Stream for further details.



HDMI/SDI source

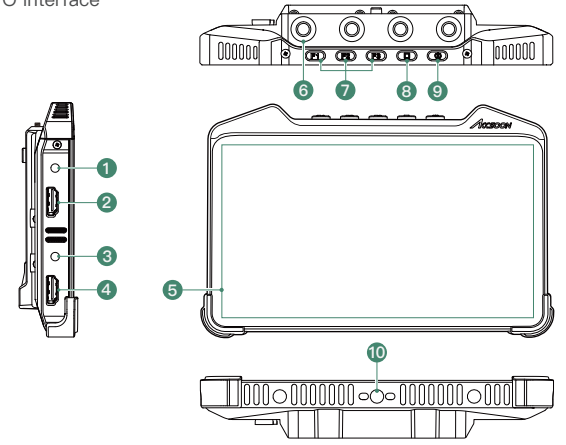
CineView M7 Pro

Wi-Fi Router

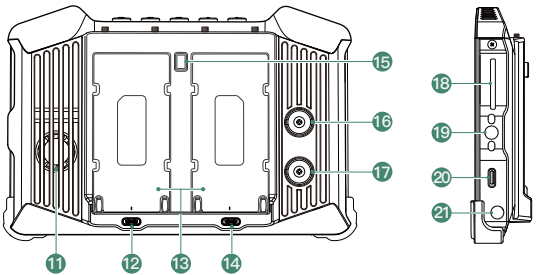
Live Stream

05 Quick Use

5.1 I/O interface



① 3.5mm microphone jack	⑥ 2.4GHz/5GHz Dual-Band antenna connector
② HDMI 2.0 input	⑦ Shortcut keys
③ 3.5mm headphone jack	⑧ Home key
④ HDMI 2.0 output	⑨ Power on/off key
⑤ 7 inch touchscreen	⑩ 1/4" screw mount

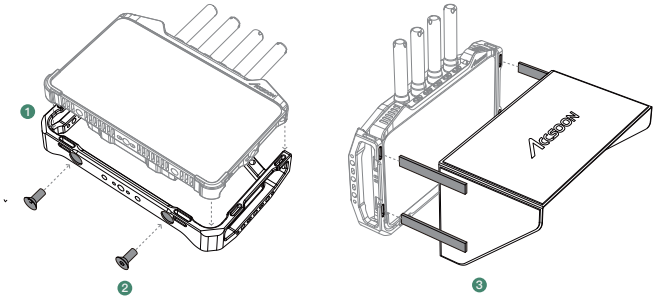


⑪ Air intake [1]	⑮ Battery safety lock	⑲ 1/4" screw mount
⑫ 5V/2A output (USB-C)	⑯ 3G SDI input	⑳ USB 3.0 port
⑬ Dual NP-F battery slots	⑰ 3G SDI output	㉑ DC power input
⑭ PD power input (USB-C) [2]	⑱ SD card slot	

[1] Note: Please don't block the intake. [2] Note: Requires at least 9V/3A input.

5.2 Install monitor cage & sunhood (separate purchase)

Place the CineView M7 Pro to fit the monitor cage. Use the included screws to install the cage onto CineView M7 Pro. Then insert the sunhood's velcro straps through the designated slots on the cage and fasten them to secure the sunhood in place.



① Fit CineView M7 Pro into the cage

② Secure them using 1/4" screws

③ Attach the sunhood to the cage by threading the velcro through the slots

5.3 Mounting

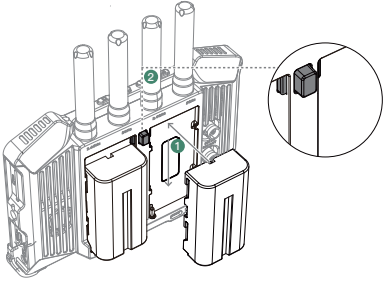
Mount the CineView M7 Pro to the camera or other devices using cold shoe mount adapter or other mounting accessories.

5.4 Power supply

CineView M7 Pro supports NP-F series batteries, DC power, and USB-C PD power supply. The power supply system supports hot-swapping, i.e., when DC power is supplied, the NP-F batteries can be replaced without powering down the device and vice versa.

5.4.1 NP-F batteries

To install the NP-F970/F750/F550 batteries onto the CineView M7 Pro: Insert the battery into the slot at the back of the CineView M7 Pro as shown in the illustration. Push down on the battery until you hear a "click" sound, ensuring it is securely installed. To remove the battery, press the battery lock and pull the battery out.



① Installing Battery
Insert the battery into slot
Slide it down until the lock pops up

② Removing Battery
Push down the lock to slide out battery

5.4.2 DC power

Please use the corresponding DC adapters:

- Connector: 5.5mm x 2.1mm
- Input Voltage: 6.0-16.8V
- Center Positive
- Output current should be no less than 3A.
- It is recommended to use adapters with at least 9V/3A or 12V/3A DC output capability.

5.4.3 USB-C power

Please use the corresponding USB-C adapters:

- Protocol: PD 3.0
- Output voltage should be no less than 9V and output current should be no less than 3A.
- It is recommended to use a 9V/3A, 12V/3A or 15V/3A USB-C adapter.

Note: It is recommended to use Accsoon 100W USB-C GaN adapters.

5.5 Connection

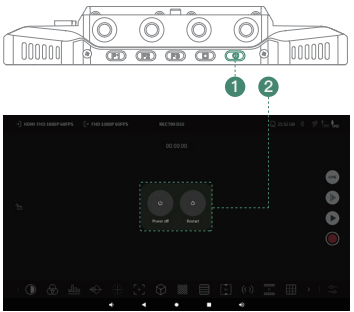
Use SDI or HDMI cables to connect the CineView M7 Pro to cameras and other monitoring devices.

⚠ As 4K video transmission demands a higher standard of HDMI cable, please use high quality HDMI cables. We recommend using Accsoon 8K HDMI cables to ensure the best transmission performance.

5.6 Power on/off

① Power On: Press the power key for 1 second, the system will be powered on.

② Power Off / Reboot: Press and hold the power key for 1 second, tap to select power off or reboot on the system pop-up prompt.



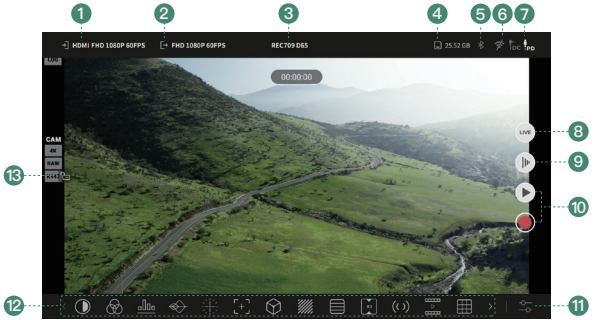
5.7 Operation modes

① Monitor mode	Functions solely as a standard wired monitor (Refer to 6. Monitor Mode), this is the default operation mode.
② RX mode	Functions as a wireless receiving monitor. Supports connecting to CineView series transmitters for real-time wireless monitoring (Refer to 7. RX Mode). Note: In this mode, HDMI and 3G-SDI video input is not supported. Note: In this mode, system Wi-Fi must be enabled and not connected to any Wi-Fi network. CineView M7 Pro will automatically pair with the transmitter based on the configured settings.

06 Monitor Mode

The CineView M7 Pro delivers accurate color and tonal reproduction, making it an ideal choice for professional monitoring. Just connect it to a camera via HDMI or SDI for high-quality monitoring experience.

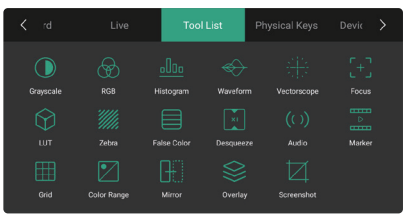
6.1 Interface introduction



① Video input Tap to enter video input setting menu.	④ Storage This indicates the remaining available storage of CineView M7 Pro. Tap to enter video record setting menu.
② Video output Tap to enter video output setting menu.	⑤ Bluetooth connection Tap to enter system Bluetooth setting to connect to Bluetooth accessories.
③ Color space CineView M7 Pro adapts Rec.709 standard color space by default, you can change the color space and white point in the 9.4 Display calibration.	⑥ Network connection This indicates current network connection status. Tap to enter system network setting.

⑦ Battery power level and power status The current voltage is displayed when drawing power from NP-F battery ( ) . When using an external power source, DC ( ) or PD ( ) is highlighted according to the input source.	⑪ Monitoring tools setting Tap to enter monitoring tools setting.
⑧ Live stream Tap to enter live stream setting menu.	⑫ Monitoring tools bar Tap to enable, disable, or switch the corresponding monitoring tools. User can customize which buttons are displayed in this area. (Refer to 9.7 Tool list setting.)
⑨ Frame.io Tap to enter Frame.io setting menu.	
⑩ Video recording playback ( ) Tap to enter play back page. Video record ( ) Tap to start/stop video recording.	⑬ Screen lock Tap to switch the screen lock status.

6.2 Monitoring tools



Note: Supported tools are subject to change without notice as part of continuous improvements and firmware updates.

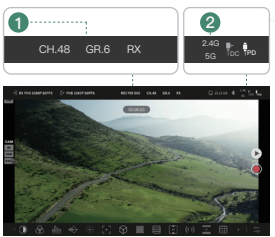
07 RX Mode

CineView M7 Pro features a built-in Dual-Band wireless video system that enables seamless connectivity with the CineView series transmitters for reliable, low-latency wireless monitoring. It can also output the received video and audio signals via SDI or HDMI to monitors or capture devices.

7.1 Compatible models

- CineView Quad
- CineView HE
- CineView SE
- CineView 2 SDI
- CineView Master 4K

7.2 Interface introduction



① Wireless transmission

This indicates the current 5GHz channel, wireless group and operation mode of the system. Tap to enter RX Settings menu.

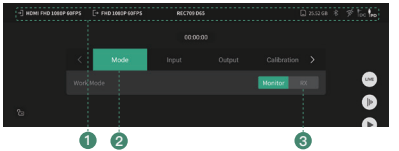
② 2.4G/5G connection

This indicates the current 2.4GHz/5GHz connection status. Tap to enter RX Settings menu.

Note: Other menus are identical to monitor mode.

7.3 Wireless connection and setting

7.3.1 Switch to RX mode



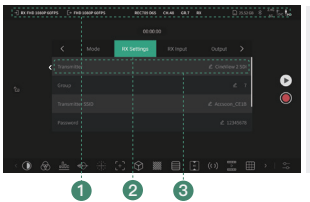
① Tap any area of the top status bar to enter product function setting.

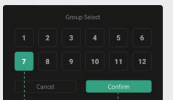
② Enter “Mode” setting.

③ Tap to select RX mode.

Note: Once selected, the system will prompt to reboot. After confirming, the system will reboot and switch to RX mode.

7.3.2 Connect to wireless transmitter





① Tap any area of the top status bar to enter the product function settings.

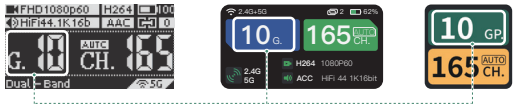
② Enter “RX Settings”.

③ Select the “Transmitter” model you’d like to connect to. Make sure you choose the correct model or otherwise CineView M7 Pro will not successfuly connect.

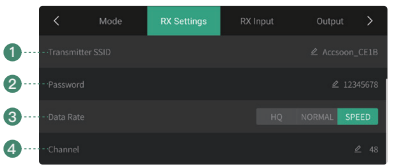
④ Set CineView M7 Pro to the same “Group” as the transmitter. Make sure you chose the correct group or otherwise CineView M7 Pro will not successfully connect.

⑤ Tap “Confirm”, then CineView M7 Pro and the transmitter will automatically be paired.

Note: The transmitter's group is shown on the transmitter's display screen.



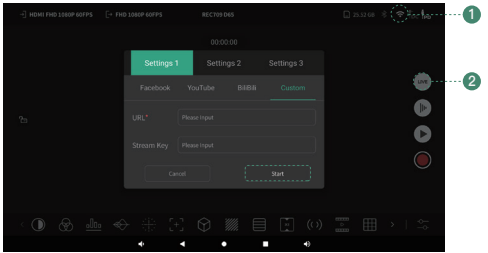
7.3.3 Transmitter status and settings



Note: Once successfully paired, the transmitter status will be shown in the "RX Settings".

①Transmitter SSID The SSID or Wi-Fi network name of the transmitter is in the format "Accsoon_****", where **** is a unique four-character alphanumeric code for each device. Tap to customize the SSID. The transmitter will reboot after the change.	③Data Rate CineView Quad/HE/SE/2 SDI: High quality mode, Normal mode, Speed mode. CineView Master 4K: 1 – 12, 12 as highest quality setting. Tap to change image quality.
②Password Check the transmitter's manual for its default password. Tap to customize the password. The transmitter will reboot after the change.	④Channel This indicates the transmitter's 5GHz channel. Tap to change 5GHz channels.

08 Live Stream



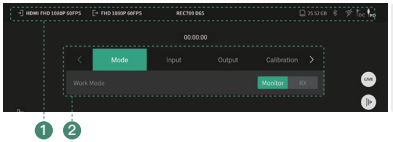
① Enable CineView M7 Pro's system Wi-Fi, connect to a Wi-Fi network that can access the Internet.

② Enter the monitoring page, tap "Live", enter streaming URL and Key. Then tap "Start".

⚠ Live streaming is only available when the CineView M7 Pro is operating in monitor mode with wired video input.

Note: 1. Make sure CineView M7 Pro is connected to a Wi-Fi network with Internet access before live streaming.
2. Live streaming requires Monitor mode. In RX mode, CineView M7 Pro's network connection will be occupied by CineView transmitters so that it cannot access the Internet and perform live streaming.
3. Before going live, adjust the live stream bitrate according to the recommended settings provided by your streaming platform.
4. The streaming URLs and Keys are provided by the streaming platform, please refer to the official websites of the platforms for detailed instructions.
5. Streaming stability depends on various factors such as network bandwidth, connection reliability, and platform performance. If you experience lag or disconnections, please first check your network status and connection quality.

09 Monitor Functions and Settings

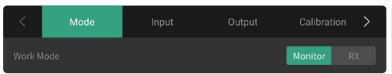


Tap any area of the top status bar to enter “Product Function Settings”.

① Top status bar

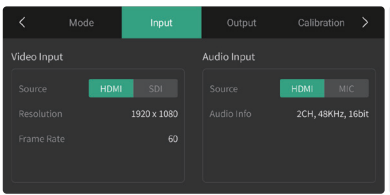
② Mode configuration setting

9.1 Mode switch



Set the operating mode of the CineView M7 Pro. It supports two modes:“Monitor” and “RX”.

9.2 Input setting



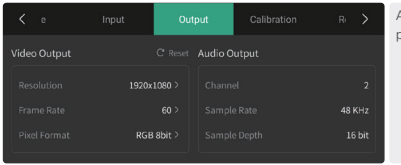
Displays current audio and video input specifications.

Select video input source (HDMI/SDI).

Select audio input source (HDMI or SDI/MIC).

By default, it’s set to embedded audio in HDMI or SDI.

9.3 Output setting



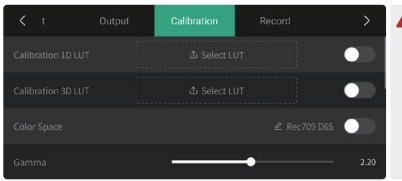
Adjust output resolution, frame rate and pixel format as needed on-set.

9.4 Display calibration

The CineView M7 Pro supports importing .cube LUT files from SD cards or USB drives for display color calibration. User can also fine-tune the display using built-in settings for color gamut correction, white point adjustment, gamma correction plus RGB offset.

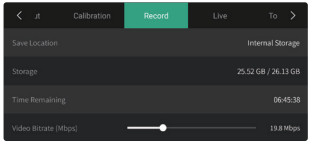
Note: Calibration LUTs only support .cube format file.

Note: Calibration LUTs and manual adjustments in this menu do NOT affect HDMI or 3G-SDI output signals. Only the video look LUT or CDL file loaded through the monitoring tools setting can affect the output image.



⚠ Calibration LUTs and manual adjustments in this menu do NOT affect HDMI or 3G-SDI output signals. Only the video look LUT or CDL file loaded through the monitoring tools setting can affect the output image.

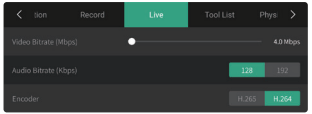
9.5 Record setting



After inserting a SD card or a USB drive, enter Record setting to select storage location for recorded files. You can adjust recording parameters such as video and audio bitrates, encoder type, and the maximum file size per clip.

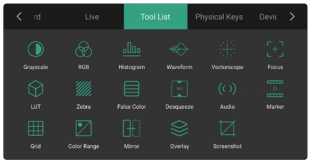
When a recording reaches the size limit, CineView M7 Pro will automatically create a new file and continue recording without interruption.

9.6 Live stream setting



Live streams can be set to different video and audio bitrates and encoders as required.

9.7 Tool list setting

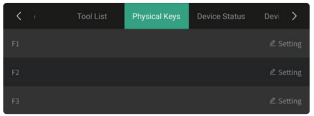


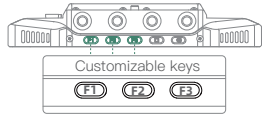
You can add or remove monitoring tool shortcuts by tapping on the tool icon.

Once removed, the corresponding shortcut will disappear from the monitoring tools bar.

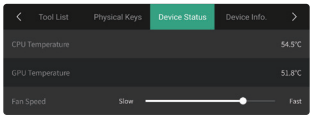
9.8 Physical keys setting

You can customize the functions of the three physical keys on top of the device.





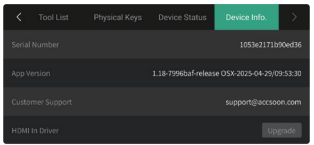
9.9 Device status



Under the “Device Status” menu, you can check the real-time temperature of CineView M7 Pro and manually adjust the fan speed as needed. The fan supports stepless speed control, you can adjust it to suit your on-set conditions.

Note: If the temperature is too high, the device will automatically adjust the fan speed to ensure proper performance.

9.10 Device info.



Under the “Device Info.” menu, check the current firmware version and other related device information.

10 Firmware Update

10.1 System update

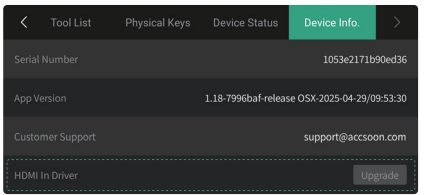
① Download the latest update package from www.accsoon.com.

② Please use a PC to download the latest system update package to the root directory of a USB drive or SD card, then insert the USB drive or SD card to CineView M7 Pro and reboot the device. After it's rebooted, CineView M7 Pro will detect the system version and perform update automatically.

10.2 Video input driver update

① Before updating, ensure that the CineView M7 Pro is connected to a Wi-Fi signal that can access the Internet properly.

② Go to the Device Status page and check the "HDMI In" driver version. If it's not the latest version, the system will prompt you to download the new driver, follow the instructions to download and update.



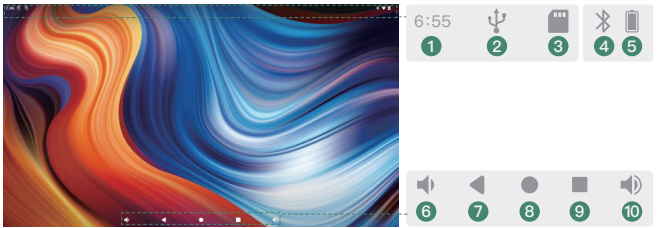
⚠ Before updating the system and the video input driver, please ensure that:

1. The CineView M7 Pro's battery level is above 50%.
2. Do not disconnect power supply during the update process!
3. If you encounter any issues during the firmware update, please refer to the tutorial videos available on Accsoon's official channels or contact Accsoon official support at support@accsoon.com.

11 System Interface

⚠ While file management is a frequently used function, please avoid changing other system settings unnecessarily, as it might affect system performance.

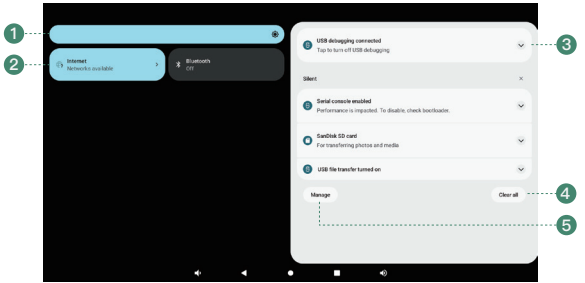
11.1 Home page



① Current time	⑥ Volume down button
② USB drive status: Displayed when the system identifies there's an inserted SD card.	⑦ Return button
③ SD card status: Displayed when the system identifies there's an inserted USB drive.	⑧ Home button
④ Bluetooth status	⑨ Tap to browse recently opened applications.
⑤ Current power level	⑩ Volume up button

11.2 Control center and notifications

Swipe down from the top of the monitor screen to access control center.



①Brightness slider: Swipe left or right to adjust system brightness.	④Tap to clear current notifications.
②Quick control bar: Tap to quickly turn on/off the corresponding system function, and long press to enter the corresponding function system setting menu.	⑤Tap to enter notification setting menu.
③Notification bar Tap to browse details.	

11.3 All Apps

Swipe up anywhere on home page for all Apps.



①Tap to search Apps

②App lists

Tap to enter CineView M7 Pro's monitoring page

Tap to enter system setting menu

Tap to enter file manager

11.4 File and storage management



①Folder quick access

②Tap to browse system internal storage

③SD card and USB drive folders

④Current folder storage

⑤Search

⑥Settings

12 Specifications

Display screen	7" LCD
Touchscreen	Ultra High Resolution Capacitive Touchscreen
Resolution	1920 × 1080 pixels
PPI	323
Aspect ratio	16:9
Brightness	1000 nits
Contrast ratio	1000:1
Viewing angle	176°/176°
Backlight type	Edge-lit Ultra-transparent LED Backlight
Screen color calibration	Supported
LUT	1D and 3D Cube LUTs Supported 1D: up to 4096 points 3D: up to 127 points
Video input port	HDMI 2.0/3G-SDI
Video output port	HDMI 2.0/3G-SDI
HDMI video input format	4K DCI (4096*2160): 23.98/24/25/29.97/30/50/59.94/60 4K UHD (3840*2160): 23.98/24/25/29.97/30/50/59.94/60 1080p: 23.98/24/25/29.97/30/50/59.94/60 1080i: 50/59.94/60 720p: 50/59.94/60
SDI video input format	1080p: 23.98/24/25/29.97/30/50/59.94/60 Level A/B 1080i: 50/59.94/60
HDMI video output format	4K DCI (4096*2160): 23.98/24/25/29.97/30/50/59.94/60 4K UHD (3840*2160): 23.98/24/25/29.97/30/50/59.94/60 1080p: 23.98/24/25/29.97/30/50/59.94/60 1080i: 50/59.94/60 720p: 50/59.94/60
SDI video output format	1080p: 23.98/24/25/29.97/30/50/59.94/60 Level A 1080i: 50/59.94/60
DC port	6.0~16.8V 5.5mm*2.1mm Center Positive

Compatible battery	Compatible with NP-F550, NP-F750, NP-F970 Batteries
USB-C power input port	PD 3.0 9V/3A, 12V/3A, 15V/3A
USB-C power output port	Maximum: 5V/2A
Microphone jack	3.5mm TRS
Headphone jack	3.5mm CTIA
Microphone input audio sampling	16bit, 48KHz
Power consumption	12W~28W (Varies according to actual usage)
Housing	Aircraft-grade Aluminium Alloy
Heat dissipation	Active + Passive Cooling
Wireless transmission latency	60ms
Wireless transmission distance	Dual-Band Connection: 350 meters
Work environment temperature	-10℃ - 40℃
Weight (antennas excluded)	494.3g
Dimensions (antennas excluded)	182.2*120.7*31.5mm

13 FAQ

13.1 Not receiving wireless video from transmitter

① Please ensure that CineView M7 Pro is set under RX mode.

② Please ensure that CineView M7 Pro has Wi-Fi turned on but not connected to any Wi-Fi network.

③ Please verify that the selected transmitter model is correct in the "RX Settings" menu.

④ Please verify that the selected pairing group is correct in the "RX Settings" menu.

⑤ Please verify that the antennas are securely mounted.

13.2 No video displayed

① Please check whether the SDI/HDMI cable of the camera is correctly plugged into the corresponding port of CineView M7 Pro.

② Please check if the video format and other information are shown on the display interface; if not, please check the cable and the SDI/HDMI video output of the camera.

③ Please check if the SDI/HDMI video format of the camera is compatible with the formats supported by the product.

13.3 Choppy video

① Please check that the antennas are securely mounted.

② Please make sure there are no metal objects or cables around the antennas that may cause signal blocking.

③ Please switch to another channel manually.

④ Please check your cables and try using higher-quality HDMI/SDI cables.

14 Warranty

14.1 Warranty Period

① If there is a quality problem that occurs within 15 days after receiving the product, Accsoon will provide complimentary maintenance or replacement.

② Under proper use and maintenance, from the date of receipt, Accsoon will provide a one-year warranty on the monitor and a three-month warranty on the accessories. Free maintenance service is available during the warranty period.

③ Please keep the proof of purchase and the user manual in a safe place.

14.2 Warranty Exclusions

① Out of warranty (If the proof of purchase is not available, the warranty will be calculated from the date the product is delivered from the factory).

② Damage caused by use or maintenance that does not follow the requirements of the product manual.

③ Unauthorized repair, modification or disassembly.

④ Damage caused by force majeure such as fire, flood, lightning strike, etc.

15 Warranty Process

① Contact your local Accsoon authorized dealers for after-sales service. If there is no local authorized dealers, you can contact our customer service via our email (support@accsoon.com) or website (www.accsoon.com) and get appropriate support.

② You will get detailed solutions from authorized dealers or Accsoon.

③ Accsoon reserves the right to review the damaged product.

16 Safety Information

① When operating this equipment, read and follow all the instructions in this manual.

② Use only accessories/batteries/chargers specified or recommended by Accsoon.

③ Do not expose to moisture, excessive heat or fire.

④ Keep away from water and other liquids.

17 Contact Us

Facebook: Accsoon

Facebook Group: Accsoon Official User Group

YouTube: ACCSOON

Email: Support@accsoon.com

Instagram: accsoontech

18 Federal Communication Commission Interference Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determinedby turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
--Reorient or relocate the receiving antenna.
--Increase the separation between the equipment and receiver.
--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
--Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
Operations in the 5.15-5.25GHz and 5.25-5.35GHz band are restricted to indoor usage only.



影眸 M7 PRO

User Manual | 用户手册

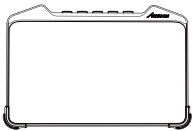
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V1.0

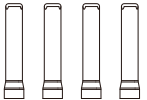
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[04] 应用示例 02.
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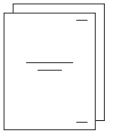
01 包装清单



影眸M7 Pro × 1



2.4GHz/5GHz 双频天线 × 4



用户操作指南 × 1

02 产品简述

感谢您选择致迅影眸M7 Pro 无线图传监视器。影眸M7 Pro 将无线图传功能集成于专业监视器中，可与影眸系列图传设备完美搭配，构建图传与监看一体化的完整生态系统。每一台致迅影眸M7 Pro 都经过精密调校，达到电影级色准，符合专业影视制作标准，助您精准掌控每一帧画面，满足多样化的专业拍摄需求。

03 产品特点

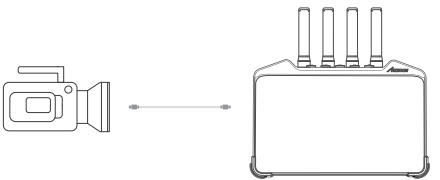
- 精确校准调色，电影级监看色准
- 4K60 视频监看
- 无线接收影眸图传音视频[1]
- SDI – HDMI 双向互转
- SDI & HDMI 同时输出
- 4K – 1080P 双向互转
- 视频格式向上/向下转换
- 带 LUT 视频输出
- 支持 SD 卡
- 支持 USB 3.0，可外接 U 盘、SSD
- 支持 Wi-Fi 联网直播推流、云端协作
- 支持外接麦克风、耳机
- 支持 PD、DC 和 NP-F 电池供电

[1] 注：目前支持：影眸Quad、影眸HE、影眸SE、影眸SE Pro、影眸大师4K。

04 应用示例

4.1 有线监视器

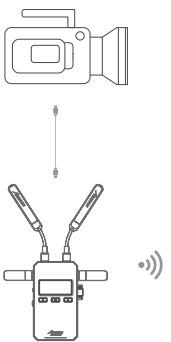
影眸M7 Pro 一连即用，只需通过 HDMI 或 3G SDI 接口输入视频源，即可作为 7 寸有线专业监视器使用。



HDMI/SDI 视频源　　视频源画面显示

4.2 无线监视器

通过无线连接影眸系列图传发射器，影眸M7 Pro 可作为无线监视器使用。请参考第 7 节“RX模式”。



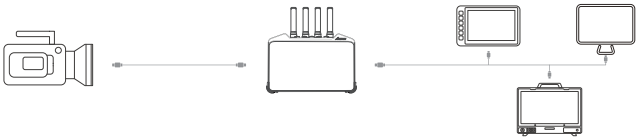
影眸发射器



注：此时模式为 RX 模式

4.3 现场实时调色盒子

影眸M7 Pro 支持通过 USB 加载 3D LUT，可对输入的视频信号进行实时调色，并通过自带的 HDMI 和 3G-SDI 接口将调色后的视频输出至其他监视设备。



HDMI/SDI 视频源　　LUT 调色　　调色输出

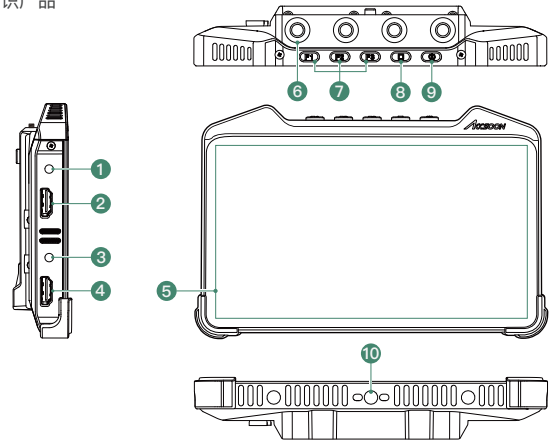
4.4 直播推流

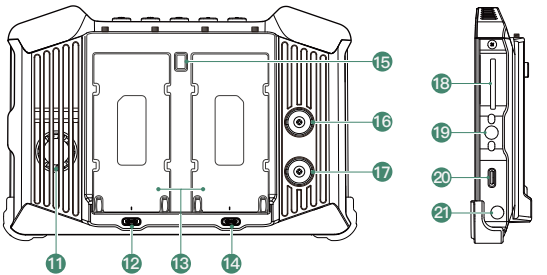
影眸M7 Pro 内置 Wi-Fi 无线网卡，支持将有线输入的音视频实时推流至在线直播平台，实现专业级直播功能。请参考第 8 节“直播推流”。



HDMI/SDI 视频源　　影眸M7 Pro　　Wi-Fi 路由器　　视频直播

5.1 认识产品



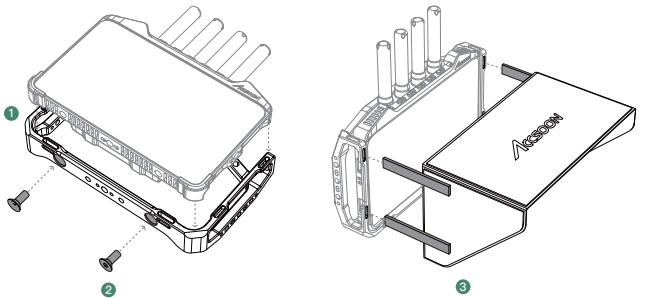


① 3.5mm 麦克风接口	⑥ 2.4GHz/5GHz 双频天线接口
② HDMI 2.0 输入	⑦ 快捷键
③ 3.5mm 耳机接口	⑧ 主页键
④ HDMI 2.0 输出	⑨ 开关机键
⑤ 7 寸触摸屏	⑩ 1/4” 螺纹孔

⑪ 风扇进风口[1]	⑮ 电池安全锁扣	⑲ 1/4” 螺纹孔
⑫ 5V/2A 输出（USB-C）	⑯ 3G SDI 输入	⑳ USB 3.0 接口
⑬ 双 NP-F 电池槽	⑰ 3G SDI 输出	㉑ DC 输入接口
⑭ PD 供电输入（USB-C)[2]	⑱ SD 卡槽	
[1] 注：禁止遮挡	[2] 注：需要 9V/3A 及以上的电源输入	

5.2 兔笼 & 遮光罩安装（需另购）

将影眸M7 Pro 放入兔笼内，使用底部螺钉将监视器与兔笼固定，将遮光罩魔术贴穿入兔笼相应孔后进行粘贴固定。



①将影眸M7 Pro 放至兔笼内　②使用底部螺丝与兔笼固定　③用魔术贴穿过孔洞进行粘贴，使遮光罩固定在兔笼上

5.3 将监视器安装在其他器材上

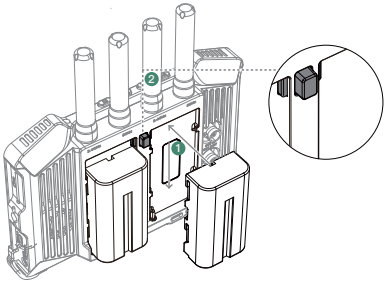
通过蜗牛云台或怪手等将影眸M7 Pro 安装在摄影机或其他器材上。

5.4 供电方式

影眸M7 Pro 支持 NP–F 系列电池、DC 供电和 USB–C PD 供电。供电系统支持热交换，即在 DC 或 USB–C 供电时，可以更换 NP–F 电池而不会断电，反之亦然。

5.4.1 NP–F 电池供电

将 NP–F 系列电池（NP–F550/NP–F750/NP–F970等）安装至监视器背面并推至底部，直到“电池锁”按键弹起并发出“咔”的一声，确保安装稳固。按住“电池锁”按键沿安装反方向取出电池。



①安装电池
将电池放入电池槽
推至底部至电池锁弹起

②取下电池
按压电池锁取出电池

5.4.2 DC 供电

请使用符合以下规格的 DC 适配器：

- 连接器：5.5mm x 2.1mm
- 输出电压范围：6.0–16.8V
- 极性：中心正极
- 请确保适配器输出电流至少为 3A。
- 建议使用 9V/3A 或 12V/3A 的 DC 适配器。

5.4.3 USB–C 供电

请使用符合以下规格的 USB–C 电源：

- 协议：PD 3.0
- 请确保适配器输出电压至少为 9V，且输出电流至少为 3A。
- 建议使用 9V/3A，12V/3A 或 15V/3A 的 USB–C 适配器。
  注：推荐使用致迅100W USB–C适配器。

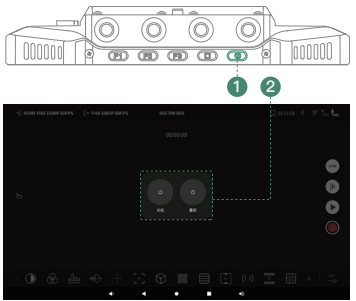
5.5 连线

请根据实际应用需要，使用 SDI/HDMI 线材连接影眸M7 Pro 和相机、监看设备等。

⚠ 4K 视频传输对 HDMI 线材要求较高，请选择高品质 HDMI 线材。推荐使用致迅 8K 超柔 HDMI 线材，以确保最佳传输效果。

5.6 开/关机

①开机：按住开关机键 1s，设备开机。
②关机/重启：按住开关机 1s，在系统弹窗上选择关机或重启。



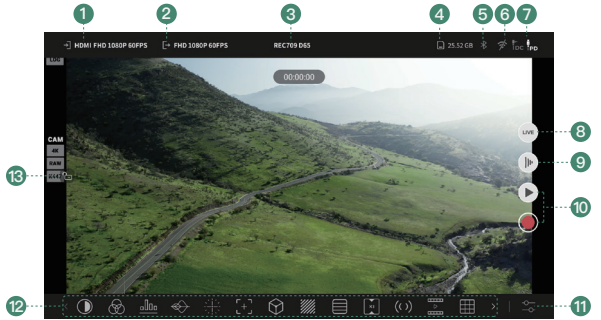
5.7 工作模式

① 监视器模式	仅作为监视器使用（参考第 6 节），默认模式。
② RX 模式	作为无线接收监视器使用，支持连接影眸系列图传发射器，实时接收并显示图像，请参考第 7 节。 注：请注意本模式下，不支持从 HDMI 与 3G-SDI 输入视频信号。 注：请注意本模式下，需要开启系统 Wi-Fi，但请勿连接 Wi-Fi 网络，图传会根据设置自动进行配对并连接图传发射器。

06 监视器模式

影眸M7 Pro 凭借精准色彩还原能力，可完美胜任专业监视器工作。仅需通过 HDMI/SDI 线连接相机，即可实现专业级监看。

6.1 界面介绍



① 视频输入 单击对应图标进入视频输入设置菜单。	④ 存储空间 显示影眸M7 Pro 的可用存储空间。单击进入视频录制设置。
② 视频输出 单击对应图标进入视频输出设置菜单。	⑤ 蓝牙连接 单击进入蓝牙设置菜单，可连接蓝牙耳机等设备。
③ 色彩标准 影眸M7 Pro 默认采用 Rec.709 国际标准色彩空间，色彩空间与白点设置请参考 9.4 “屏幕校准”。	⑥ 网络连接 显示当前网络连接状态，单击进入联网设置菜单。

⑦ 电池电量及外接电源状态 使用电池供电时显示电池电压（ ），使用外接直流电源供电时根据输入显示 DC（DC）或 PD（PD）。	⑪ 监看功能设置 单击进入“监看功能设置”页面。
⑧ 直播推流 单击进入直播推流设置菜单。	⑫ 常用功能按钮区 单击可开启、关闭或切换对应功能。用户可自定义该区域显示哪些功能按钮，请参考 9.7 “功能列表”。
⑨ Frame.io 单击进入 Frame.io 设置菜单。	⑬ 屏幕锁定 单击切换屏幕锁定状态。
⑩ 视频回放 单击（ ）进入回放页面。 视频录制 单击（ ）开始/停止录制。	

6.2 监看功能介绍



注：产品功能会不定期更新，如有变更，恕不另行通知。

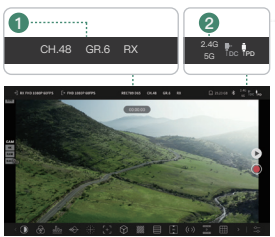
07 RX 模式

影眸M7 Pro 内置双频图传系统，可无线连接影眸系列图传发射器，实现流畅的无线监看。同时，它还能通过 SDI/HDMI 输出接口将接收到的音视频信号输出至其它监视器或采集卡等设备。

7.1 适配图传型号

- 影眸Quad
- 影眸HE
- 影眸SE
- 影眸SE Pro
- 影眸大师4K

7.2 界面介绍



① 图传信息
显示 5GHz 工作信道、无线分组及工作模式。单击进入“RX 连接设置”页面。

② 2.4G/5G 连接
显示 2.4GHz/5GHz 双频连接状态。单击进入“RX 连接设置”设置。

注：其他菜单与监视器模式相同。

7.3 图传连接和设置

7.3.1 切换至 RX 模式



① 单击监看页面上方“状态显示栏”任意位置，进入“产品功能设置”页面。

② 进入“模式切换”。

③ 选择“RX”。

注：完成选择后，系统将提示重启，点击“确认”后设备将自动重启并切换至 RX 模式。

7.3.2 连接至图传发射器



① 单击监看页面上方“状态显示栏”任意位置进入“产品功能设置”页面。

② 进入“RX 连接设置”。

③ 选择要连接的发射器。请务必正确选择发射器，否则影眸M7 Pro 将无法连接。



④ 设置影眸M7 Pro 的“无线分组”，需与发射器分组一致，否则无法连接。

⑤ 单击“确认”，影眸M7 Pro 将自动与发射器配对并连接。

注：通过影眸图传发射器屏幕查看影眸发射器所在分组。



7.3.3 发射器信息与设置



注：连接成功后，连接的图传发射器信息将显示在“RX 连接设置”页面中。

①发射器 SSID 格式为“Accsoon_****”。**** 指代每个产品独有的、由数字和字母组成的四个字符。单击可更改发射器 SSID，更改后发射器会重启。	③画质 影眸Quad/HE/SE 和影眸SE Pro: 高画质模式、正常模式、流畅模式。影眸大师4K：1–12 档，12 档为最高画质。单击可对画质进行设置。
②连接密码 默认连接密码请参考对应图传的产品说明书。单击可更改连接密码，更改后发射器会重启。	④信道 显示发射器 5GHz 工作信道，单击可更改 5GHz 信道。

08 直播推流



① 点击状态显示栏 Wi-Fi 图标，打开影眸M7 Pro 的 WLAN 开关，并连接至可以访问互联网的无线路由器。

② 进入监视器监看页面，单击“Live”按钮，输入直播平台的推流地址及直播码，点击“开始”。

⚠ 直播推流功能仅在影眸M7 Pro 处于监视器模式时可用。

注：1. 开始直播前请确保影眸M7 Pro 可以访问互联网。

2. 请在监视器模式下进行直播推流。RX 模式下，影眸M7 Pro 需要与图传进行无线连接，无法访问互联网进行推流。

3. 开始直播前请根据各直播平台推荐的直播码率，调整影眸M7 Pro 的输出码率至合适的值。

4. 直播地址和直播码由直播平台提供，请前往对应的直播平台官方网站了解具体信息。

5. 直播推流稳定性取决于网络带宽、连接稳定性及直播平台等因素。如遇卡顿或断连，请优先检查网络状况和连接质量。

09 监视器功能及设置



单击监看页面上方“状态显示栏”的任意位置进入“产品功能设置”页面。

①状态显示栏
②产品功能设置页面

9.1 模式切换



设置影眸M7 Pro 的工作模式。影眸M7 Pro 可工作在“监视器”和“RX”两种模式下。

9.2 输入设置



显示输入的音视频信息；视频输入源选择（HDMI/SDI）；音频输入源（HDMI 或 SDI/MIC）选择，默认为跟随视频输入（HDMI 或 SDI）。

9.3 输出设置



设置输出视频的分辨率、帧率和像素格式。

9.4 屏幕校准

影眸M7 Pro 支持通过 SD 卡或 U 盘导入 LUT 文件进行屏幕色彩校准，同时也可使用内置的色域校正、白点校正、伽马校正、RGB 调节等功能进行校色。 LUT 文件仅支持 .cube 格式。

注：屏幕校准和视频调色是不同的。屏幕校准是对屏幕色准进行校准，调色是对输入的视频进行调色后显示、输出。



⚠ 本产品的屏幕校准 LUT 与调整均不会影响 HDMI 与 3G-SDI 输出信号，只有监看功能中的风格化 LUT 与 CDL 加载会影响最终输出。

9.5 录制设置



插入 SD 卡或 U 盘后，进入“录制设置”选择录制文件的存储位置。可根据需求设置视频和音频码率、编码类型及录制文件大小。当录制文件达到设定大小上限时，系统将自动创建新文件并继续录制。

9.6 直播设置



用于设置直播时的视频和音频码率、编码类型。

9.7 功能列表

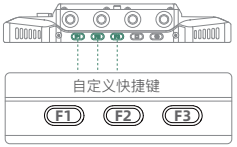


支持快速添加/移除常用功能：点击功能图标即可完成操作，移除后对应快捷按钮将从“常用功能按钮区”中消失。

9.8 实体按键

支持自定义顶部 3 个实体快捷键功能。





9.9 设备状态



进入该页面可查看设备实时温度并调节风扇转速。风扇支持无级调速，请根据应用场景调整风扇转速。

注：若温度过高，系统会自动调整风扇转速以确保正常运行。

9.10 设备信息



查看固件版本等信息。

10 升级

10.1 系统升级

① 请访问致迅官网 www.accsoon.cn 下载最新的升级包。

② 请使用电脑将最新系统升级包下载至 U 盘或者 SD 卡的根目录，然后将带有系统升级包的 U 盘或者 SD 卡插入影眸M7 Pro 并重启机器，重新开机后，影眸M7 Pro 会自动检测系统版本并进行升级。

10.2 视频输入驱动升级

① 升级前，请将影眸M7 Pro 的 Wi-Fi 连接至可以访问互联网的无线路由器，确保影眸M7 Pro 可以访问互联网。

② 请在“设备信息”页面查看“HDMI In”固件版本。若非最新版本，系统将提示下载更新，请按照提示完成升级。



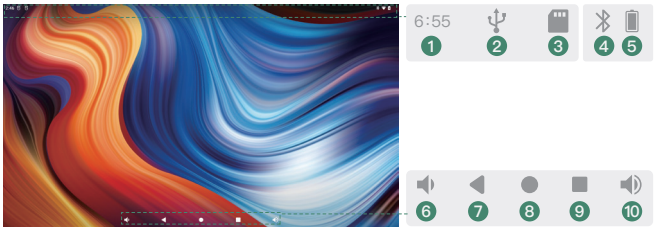
⚠ 在升级系统和视频输入驱动时，请务必：

1. 确保系统电池电量在 50% 以上。
2. 升级过程中请勿断电！
3. 如果在固件更新时有任何问题，请查看 Accsoon 各平台官方账号的教学视频或发送邮件至 support@accsoon.com 联系致迅官方售后。

11 系统界面介绍

⚠ 除“文件管理”为常用功能外，其余设置非必要请勿修改，以免影响系统运行。

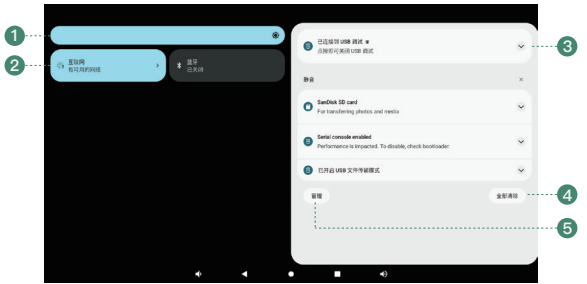
11.1 桌面



① 当前时间	⑥ 单击声音减小
② U 盘插入识别：当系统识别到插入的 U 盘后显示	⑦ 单击返回上一页
③ SD 卡插入识别：当系统识别到插入的 SD 卡后显示	⑧ 单击跳转至桌面
④ 蓝牙连接状态	⑨ 单击浏览最近开启的应用程序
⑤ 当前系统电量	⑩ 单击声音增加

11.2 控制中心

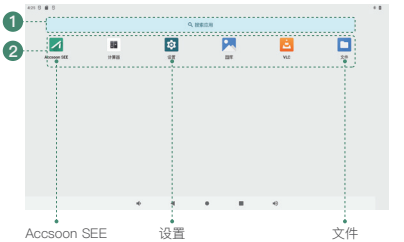
从监视器界面顶部手势下滑以开启控制中心。



①左右滑动调节系统亮度	③消息通知栏
②快速功能设置: 单击可快速开启/关闭对应系统功能，长按进入对应功能系统设置页面。	④消息通知清除
	⑤通知栏设置

11.3 所有应用页面

从系统桌面底部手势上滑以浏览所有应用程序。



①单击搜索应用
②应用列表

单击进入影眸M7 Pro 监看页面
单击进入系统设置页面
单击进入文件管理页面

11.4 文件管理



①快速浏览文件夹
②单击浏览系统文件夹
③SD 卡及 U 盘等外部文件夹
④当前文件夹内容
⑤搜索文件
⑥更多设置

12 规格参数

屏幕	7 寸 LCD
触摸屏	超高分辨率电容式触摸屏
屏幕分辨率	1920 × 1080
PPI	323
长宽比	16 : 9
屏幕亮度	1000 尼特
屏幕对比度	1000:1
可视角度	176°（水平和垂直）
背光类型	Edge–lit 高透 LED 背光
屏幕色彩校准	支持
LUT	支持 1D 和 3D cube 格式的 LUT 文件 1D: 最高支持 4096 点 3D: 最高支持 127 点
视频输入接口	HDMI 2.0/3G–SDI
视频输出接口	HDMI 2.0/3G–SDI
视频输入格式 (HDMI)	4K DCI (4096*2160): 23.98/24/25/29.97/30/50/59.94/60 4K UHD (3840*2160): 23.98/24/25/29.97/30/50/59.94/60 1080p: 23.98/24/25/29.97/30/50/59.94/60 1080i: 50/59.94/60 720p: 50/59.94/60
视频输入格式 (SDI)	1080p: 23.98/24/25/29.97/30/50/59.94/60 Level A/B 1080i: 50/59.94/60
视频输出格式 (HDMI)	4K DCI (4096*2160): 23.98/24/25/29.97/30/50/59.94/60 4K UHD (3840*2160): 23.98/24/25/29.97/30/50/59.94/60 1080p: 23.98/24/25/29.97/30/50/59.94/60 1080i: 50/59.94/60 720p: 50/59.94/60

视频输出格式 (SDI)	1080p: 23.98/24/25/29.97/30/50/59.94/60 Level A 1080i: 50/59.94/60
DC接口	6.0~16.8V　5.5mm*2.1mm　中心正极
电池	兼容 NP–F550, NP–F750, NP–F970 等电池
USB–C 电源输入接口	PD 3.0 9V/3A, 12V/3A, 15V/3A
USB–C 电源输出接口	最大 5V/2A
麦克风	3.5mm TRS 接口
耳机接口	3.5mm CTIA 接口
麦克风输入音频采样	16bit, 48KHz
功耗	12W~28W（实际功耗因功能使用情况而异）
机身外壳	航空铝合金
散热	主动散热 + 被动散热
无线传输延迟	60ms
传输距离	双频图传连接：350 米
工作环境温度	–10℃ – 40℃
重量（不带天线）	494.3g
尺寸（不带天线）	182.2*120.7*31.5mm

13 常见问题

13.1 影眸 M7 Pro 与发射器无法连接

① 请确认影眸 M7 Pro 是否处于 RX 模式下。
② 请确认影眸 M7 Pro 系统 Wi–Fi 已经开启，且没有连接任何 Wi–Fi 网络。
③ 请在“RX 连接设置”页面确认发射器型号是否匹配。
④ 请在“RX 连接设置”页面确认影眸M7 Pro 分组设置是否与发射器相同。
⑤ 请检查天线是否安装牢固。

13.2 图像无法显示

① 请检查摄像机的 SDI/HDMI 线是否正确插入到影眸M7 Pro 的视频输入接口。

② 请检查主界面上是否有显示视频格式等信息；如无显示请检查 SDI/HDMI 线或摄像机的 SDI/HDMI 是否有视频输出。

③ 请检查摄像机的视频输出格式是否与本产品支持的格式兼容。

13.3 视频卡顿

① 请检查天线是否安装牢固。

② 请检查天线是否被金属遮挡或者线材缠绕。

③ 请手动切换至其他信道。

④ 请检查线材并使用高质量的 HDMI/SDI 视频线。

14 质保说明

14.1 质保范围

① 自签收之日起 15 日内，出现质量问题，可享受换货或者免费维修服务。

② 监视器在正确使用及保养下，保修期为自签收之日起一年（附件和线材保修期为 3 个月），在保修期内可享受免费维修服务。

③ 请妥善保管好购买凭证、说明书。

14.2 质保不包括

① 超过三包有效期的（无法提供购买凭证的从产品出厂日期开始计算）。

② 未按产品使用说明书要求使用、维护、保养造成损坏的。

③ 未经授权的维修、拆解。

④ 因火灾、水灾、雷击等不可抗力造成的损坏。

15 售后说明

① 如产品需要售后，可联系当地致迅授权经销商，如无当地授权经销商可以通过致迅售后邮箱（support@accsoon.com）或网站（www.accsoon.cn）与客服取得联系并获得相应支持。

② 致迅经销商或致迅客服会告知您如何运送相关产品及如何处理您的售后问题。

③ 致迅公司保留复查损坏产品的权利。

16 安全信息

① 操作本设备时，请阅读并遵循本手册中的所有说明。

② 只能使用致迅指定或推荐的附件、电池。

③ 不要暴露在潮湿或过热环境中。

④ 远离水和其他液体。

17 联系我们

官方网站　官方客服微信　微信公众号　Bilibili

合格证

本产品经严格检验符合标准，
准予销售

检验员：

