

Group Conflict

CineView Master 4K Lite supports up to 16 TX/RX groups operating in the same environment. If, during startup, the transmitter detects other transmitter is set to a same group, a group conflict prompt will be displayed.

User needs to select another group → Reboot prompt displays → Select “Yes” to reboot.



6.4 Region Setting

- 1. The device's region code is pre-set based on your purchase location. Please do not change the region code. If changes are necessary, ensure the region code complies with the RF regulations of your current location. Accsoon Technology is not liable for any legal issues arising from incorrect region settings that violate local laws and regulations. For questions about changing the region code or any related inquiries, please email support@accsoon.com.
- 2. Some countries/regions share the same channels, to simplify the settings, not every country/region has a corresponding unique region code. If you have any questions, please email support@accsoon.com for assistance.

How to

Rotate the knob to enter “Wi-Fi INFO” page → Press the knob and select US → Press the knob again to enter “Region Setting” page → Rotate the knob to select the region → Press the knob to confirm → When the device indicates to reboot, click “Yes” → Reboot prompt displays, click “Yes” → The transmitter will reboot automatically, and the changes will take effect.



6.5 Network Reset

Rotate the knob to enter “Wi-Fi INFO” page → Press the knob to select Reset → When the network reset prompt displays, click “Yes” → When the device indicates to reboot, click “Yes” → Reboot prompt displays, click “Yes” → The transmitter will reboot automatically, and the changes will take effect.



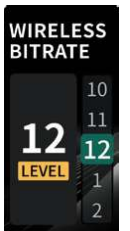
6.6 Bitrate Setting

The CineView Master 4K Lite transmitter supports bitrate changes for both TX wired USB transmission and wireless transmissions.

Wireless Bitrate Setting:

Rotate the knob to enter “AV INFO” page → Press the knob to select nRate 11 → Press the knob again, enter “Wireless Bitrate Setting” page → Rotate the knob to change the bitrate → Press the knob to confirm → Setting completes, click the return button to go back to the home page.

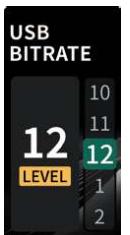
- Wireless bitrate changes will affect both the receiver and App wireless video streams.



Wired USB Bitrate Setting:

Rotate the knob to enter “AV INFO” page → Press the knob to select uRate 12 → Press the knob again, enter “USB Bitrate Setting” page → Rotate the knob to change the bitrate → Press the knob to confirm → Setting completes, press the return button to go back to the home page.

- Wired bitrate changes will only affect TX wired USB video stream.



6.7 VBR/CBR Setting

Rotate the knob to enter “AV INFO” page → Press the knob to select  VBR → Press the knob again, enter “VBR/CBR Setting” page → Rotate the knob to select VBR or CBR → Press the knob to confirm → Setting completes, press the return button to go back to the home page.

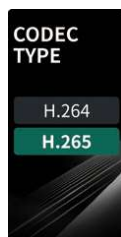
 This setting will take effect on both video streams (refer to 4.3).



6.8 Encoding Setting

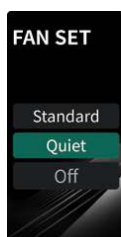
Rotate the knob to enter “AV INFO” page → Press the knob to select  H.264 → Press the knob again, enter “Codec Type setting” page → Rotate the knob to select H.264 or H.265 → Press the knob to confirm → Reboot prompt displays, click “Yes” → The transmitter will reboot automatically, and the changes will take effect.

Note: This setting will take effect on both video streams (refer to 4.3).



6.9 Fan Setting

Rotate the knob to enter “SYS INFO” page → Press the knob to select  Standard → Press the knob again, enter “Fan Setting” page → Rotate the knob to select the mode → Press the knob to confirm → Setting completes, press the return button to go back to the home page.



Standard: The device will adjust the fan speed automatically according to its temperature.

Quiet: Reduce the fan speed. The maximum fan speed is lower than Standard mode.

OFF: Turn off the Fan.

07 / Receiver Settings

7.1 Receiver UI Instruction

Home Page

- ① **Battery Level/Power Supply Status**
Display the battery level of the current battery in use.

Display a powering icon when DC power is connected.

- ② **Connected Devices**

Display “1” when successfully connected to the transmitter. Displays “0” when the device is not connected.

- ③ **Wireless Operating Status**

Yellow: The current frequency is connected to the transmitter.

Grey: The current frequency is not connected to the transmitter.

- ④ **Group Status**

Current group information of the receiver.

A total of 16 groups can be selected.

- ⑤ **Video Input Information**

Display the resolution and frame rate of the video signal received from the transmitter.

Display “NO INPUT” when no video input is detected, with the icon turning grey and flashing.



Wi-Fi Information

① Current Group

Display and set group information of the receiver.

② Wi-Fi Name

The 5GHz Wi-Fi name of the currently connected transmitter.



Audio/Video Information

① Video Encoding Format Information

Display current input video's resolution, frame rate and current encoding standard. This setting cannot be changed.

② Video Input Status

Green indicates video input detected.
Grey indicates no video input.

③ Audio Input Status

Green indicates audio input detected.
Grey indicates no audio input.

④ No Signal Image Setting

Select one of four no-signal image presets.



System Information

Same as transmitter.

Device Information

Same as transmitter.

7.2 Group Setting and Pairing

Same as transmitter.

7.3 No Signal Image Setting

Rotate the knob to enter "AV INFO" page → Press the knob to select **Default** → Press the knob again, enter "No Signal Image setting" page → Rotate the knob to choose between different image presets → Press the knob to confirm → Setting completes, click the return button to go back to the home page.

7.4 Fan Setting

Same as transmitter.

08 / Accsoon SEE App

8.1 App Download

Please download the App – Accsoon SEE from Google Play Store or iOS App Store.
Download from Accsoon official website:
<https://accsoon.com/download-center/>



8.2 Connection

Accsoon SEE App can receive the video from CineView Master 4K Lite's transmitter via Wi-Fi or Wired USB-C transmission.

Wired USB Video Transmission

Connect your mobile devices to the USB-C VIDEO OUT port on CineView Master 4K Lite's transmitter and receiver using the corresponding cable.

- Mobile device (USB-C port): Use USB-C to USB-C cable (sold separately)

Note: Please use high-quality USB-C to USB-C cable for connection, make sure the cable used supports data transfer.

- Mobile device (Lightning port): Use Accsoon’s proprietary USB–C to Lightning cable (sold separately)

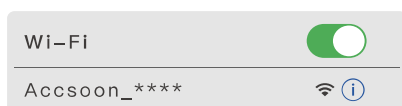
Note: Only the Accsoon proprietary USB–C to Lightning cable can be used for connecting the CineView Master 4K Lite’s transmitter to mobile devices. Other third–party Lightning to USB–C cables are not compatible.

Wireless Video Transmission

Compatible device: iOS/Android

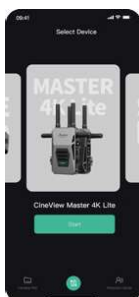
Open the Wi–Fi settings on your mobile devices → Search for “Accsoon_****” and select it → Enter the default password “123456789” to connect.

1. **** refers to the four characters consisting of numbers and letters that are unique to each product.
2. CineView Master 4K Lite has multiple Wi–Fi signals. Please confirm the mobile device is connected to the 5GHz Wi–Fi, named “Accsoon_****”.



8.3 Monitoring

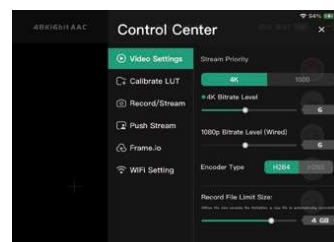
Once successfully connected, open the Accsoon SEE App, select “CineView Master 4K Lite”, and then the “Start” button to start monitoring.



- ⚠ The Accsoon SEE App is continuously updating. If you have any questions about using Accsoon SEE App, please refer to Accsoon SEE App tutorial videos on Accsoon’s official YouTube channel, or send an inquiry email to support@accsoon.com for further information.

8.4 Video Setting

As shown below, users can choose to pull different video streams from the transmitter (refer to 4.3 Dual Video Stream Introduction) and set the bitrate to meet the requirements of different applications.



The video stream priority setting has two options:

Video Streams Priority is set to 4K: When the transmitter input is 4K, user will automatically monitor in 4K resolution. When the transmitter input is 1080p, user will monitor in 1080p resolution regardless of this setting.

Video Streams Priority is set to 1080p: User will automatically monitor in 1080p resolution regardless of transmitter input.

- ⚠ Video stream priority setting is only available with TX wired USB transmission. Both video stream priority setting and bitrate setting are not available with RX wired USB transmission.

Video Streams Priority Setting

Enter the monitoring page → Tap  to enter Control Center → Select “Video Settings” → Select “4K” or “1080p” according to the current video input.

- ⚠ Processing and receiving 4K video wirelessly demands high processor performance from mobile devices. It's recommended to use the latest flagship models. If you experience choppy video, please lower the bitrate or switch to a 1080p video stream.

Bitrate Setting

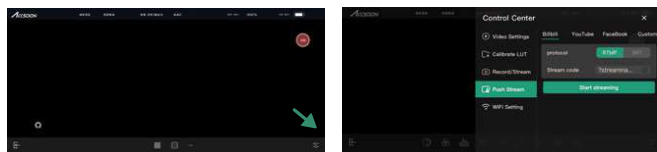
Enter the monitoring page → Tap  to enter Control Center → Select “Video Settings” → Adjust the video bitrate according to the current video input.

- ⚠ 1. When a mobile device is connected wirelessly to the transmitter, the wireless bitrate level setting affects all wireless monitoring.
- 2. When a mobile device is connected to the transmitter via cable, bitrate level settings for both video streams can be configured.

8.5 Live-stream Setting

How to Start

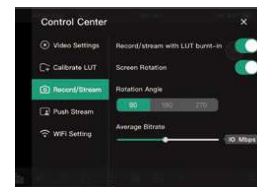
Open Accsoon SEE App → Enter CineView Master 4K Lite's monitoring page and tap  to enter Control Center → Select “Push Stream” and enter streaming RTMP/SRT URL and code → Tap “Start streaming”.



- ⚠ 1. Before the streaming, please ensure that the mobile device can access the Internet via cellular data.
- 2. Please refer to the official website where you want to push the streaming for further instructions on how to obtain live streaming URL and code.
- 3. Please follow the recommendation of each live streaming platform to change the video bitrate setting. (refer to 8.4)

Live-stream with LUT Burnt-in

Load the LUT file in the App → Enable “Record/stream with LUT burnt-in” function under the “Record/Stream” menu.



- ⚠ LUT files need to be uploaded by the user. Accsoon SEE App supports LUT files in 3D Cube.

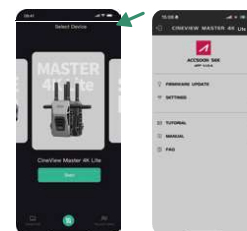
09 / Firmware Update

9.1 Before Update

1. Before the firmware update, please ensure that your mobile devices can access the Internet via Wi-Fi to acquire the latest firmware.
2. Please ensure that the battery level of CineView Master 4K Lite units is above 50%.
3. Power on and pair the CineView Master 4K Lite's transmitter and receiver(s).
4. No power cuts are allowed during the update process!
5. If you have any questions during the firmware update, please refer to “Accsoon SEE App Tutorial – Firmware update” video on Accsoon's official YouTube channel, or send an inquiry email to support@accsoon.com.

9.2 Firmware Download

Open the Accsoon SEE App, swipe to “CineView Master 4K Lite” → Tap  to enter setting page → Tap “FIRMWARE UPDATE”, and then the App will automatically search for the latest firmware on the server → If a new firmware is available, follow the instructions to download the latest firmware to your mobile devices.



9.3 Update

Once the new firmware is downloaded → Connect your mobile device to the transmitter's Wi-Fi signal → Open Accsoon SEE App and tap "Next" to send the firmware to the transmitter → The transmitter will prompt "UPDATE" once received the firmware → Press the knob and select "Yes" to start updating → The transmitter will reboot automatically. Please wait until the reboot is fully completed before proceeding, as the upgrade will only be finalized once the reboot is finished.



When the transmitter completes its update, it will connect with other receiver(s) that are under the same group and update the receiver(s). The receiver(s) will prompt "UPDATE" → Press the knob and select "Yes" to start updating → The receiver will reboot automatically. Please wait until the reboot is fully completed before proceeding, as the upgrade will only be finalized once the reboot is finished.

9.4 Automatic Local Update

After power on, the connected transmitters and receivers will recognize and compare each other's firmware version. The unit(s) with a lower firmware version will be automatically updated. The unit(s) with lower firmware version will prompt "UPDATE" → Press the knob and select "Yes" to start updating.

9.5 Firmware Recovery

If the firmware update fails, the device will automatically be restored to the factory default firmware so that users can continue to use or update later. **Please DO NOT power off the unit(s) during the recovery process!**



10/Specifications

	Transmitter	Receiver
Protocol	Proprietary RTMS4.0 protocol developed by Accsoon	
Video Input Port	HDMI, 3G SDI	/
Video Output Port	HDMI loop-out USB video out	HDMI 3G SDI USB video out
SDI Input Format	1080p: 23.98/24/25/29.97/30/50/59.94/60fps Level A/B 1080i: 50/59.94/60i ^[6] 1080PsF: 23.98/24/25/29.97/30PsF ^[6] 720p: 50/59.94/60	/
HDMI Input Format	DCI 4K: 23.98/24/25/29.97/30/50/59.94/60p UHD: 23.98/24/25/29.97/30/50/59.94/60p 1080p: 23.98/24/25/29.97/30/50/59.94/60p 1080i: 50/59.94/60i ^[6] 720p: 50/59.94/60	/
SDI Output Format	/	1080p: 23.98/24/25/29.97/30/50/59.94/60p Level A
HDMI Output Format	/	DCI 4K: 23.98/24/25/29.97/30/50/59.94/60p UHD: 23.98/24/25/29.97/30/50/59.94/60p 1080p: 23.98/24/25/29.97/30/50/59.94/60p
HDMI Loop-Out Format	Identical to the HDMI video input	/
DC Port	5.5mmx2.1mm center positive	

DC Voltage	7.4~16.8V	
Battery	Compatible with NP-F550, NP-F750, NP-F970 battery	
Power Consumption ^[7]	4.6W average *Without powering other devices	4.6W average
Audio Input	HDMI embedded, SDI embedded	
Latency	1080p < 55ms ^[8] 4K < 100ms ^[9] (Camera latency excluded)	
Transmission Range	350 meters ^[10] (No obstacles, no interference)	
Operating Environment Temperature	-10~40°C	
Dimensions (Antennas Excluded)	130mm x 95mm x 32 mm	
Weight (Antennas Excluded)	322g	320g

[6] The connected transmitter will display the input as 1080p50/59.96/60. CineView Master 4K Lite accepts interlaced input, but both processing and transmission are performed in progressive format.

[7] Measured when shooting 4K/60fps video under low bitrate.

[8] Measured when shooting 1080P/60fps video under low bitrate.

[9] Measured when shooting 4K/60fps video under low bitrate.

[10] Measured when shooting 1080p/60fps video under low bitrate with FCC compliance in an unobstructed, interference-free environment.

11/FAQs

Receiver cannot connect to transmitter

1. Please make sure the transmitter and receiver(s) are set to the same group.
2. Please check that the antennas are securely mounted.

No video displayed

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

Choppy video

1. Please check that the antennas are securely mounted.
2. Please make sure there are no metals or cables around the antennas that can cause signal blocking.
3. Please switch to another channel manually.

Mobile devices can't connect to the CineView Master 4K Lite

1. CineView Master 4K Lite has multiple Wi-Fi signals. Please confirm that the mobile device is connected to the 5GHz Wi-Fi, named "Accsoon_****".
2. Due to the different RF regulations in different countries/regions, please refer to 6.4 region setting to switch to the corresponding region according to your current location.

App fails to find the latest firmware

1. Please check if the Wi-Fi connection of your mobile devices can access the Internet properly.

2. Please check if the mobile devices have automatically connected to the CineView Master 4K Lite's Wi-Fi signal. If so, please change to another Wi-Fi connection that can access the Internet properly and try again.

12 / Warranty

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 wireless video transmission system and a three-month warranty on the accessories and cables. Free maintenance service is available during the warranty period.
3. Please keep the proof of purchase and the user manual in a safe place.

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 is not following 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..

13 / 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. Accsoon reserves the right to review the damaged product.

14 / 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.

15 / Contact Us

🌐 Website: accsoon.com

📘 Facebook: Accsoon

👥 Facebook Group: Accsoon Official User Group

📷 Instagram: accsoontech

📺 YouTube: ACCSOON

✉ Email: support@accsoon.com

Federal Communications 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.

Note: 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 determined by 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.

電波法により 5.2 GHz 帯は屋内使用に限りです

5.2GHz band is restricted to indoor use due to the Radio Law

The operation of this device is prohibited on oil platforms and aircraft, except that operation of this device in 5.925-6.425 GHz is permitted in large aircraft while flying above 10,000 feet.

Installation on outdoor fixed infrastructure is prohibited

Controlling or communications with unmanned aircraft systems, including drones, is prohibited

CineView Master 4K Lite

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