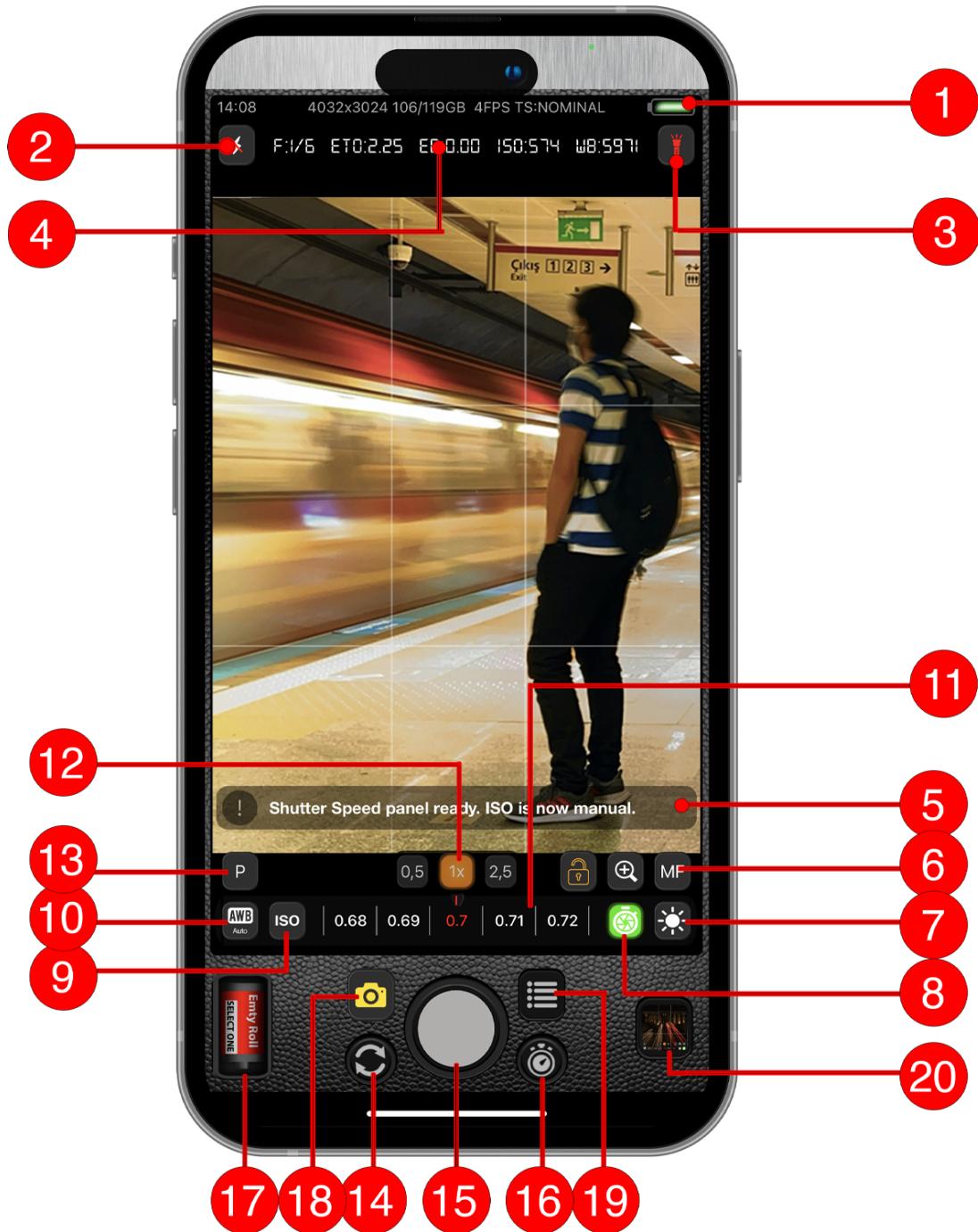




USER MANUAL V2.0



1. STATUS BAR

- 1.1. Time
- 1.2. Output data resolution in pixel
- 1.3. Total and free disk space
- 1.4. Frame per second. This also means your current video recording frame rate.
- 1.5. Thermal State as NOMINAL, FAIR, SERIOUS, CRITICAL

2. FLASH

- 2.1. Auto
- 2.2. Off
- 2.3. On

3. TORCH

- 2.1. Auto
- 2.2. Off
- 2.3. On

4. CAMERA STATUS BAR

5. INFORMATION BAR

6. ZOOM AND FOCUS PANEL

- 6.1 Manual Camera Mode
- 6.2. Auto Camera Mode

7. EXPOSURE

8. SHUTTER SPEED

9. ISO PANEL

10. WHITE BALANCE

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- 10.2. Presets
 - 10.2.1. Sunny
 - 10.2.2. Cloudy
 - 10.2.3. Tungsten
 - 10.2.4. Shade
 - 10.2.5. Flash
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- 12.1. Manual Mode
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1. STATUS BAR



Figure 1.1

Luwian comes with a status bar that contains

1.1. Time

1.2. Output data resolution in pixel

1.3. Total and free disk space

1.4. Frame per second. This also means your current video recording frame rate.

1.5. Thermal State as NOMINAL, FAIR, SERIOUS, CRITICAL

2. FLASH



Figure 2.1

Figure 2.2.

Figure 2.3.

Flash button located top left corner of your screen with three modes

2.1. Auto

2.2. Off

2.3. On

3. TORCH



The torch button is located top right corner of your screen with three modes

2.1. Auto

2.2. Off

2.3. On

4. CAMERA STATUS BAR

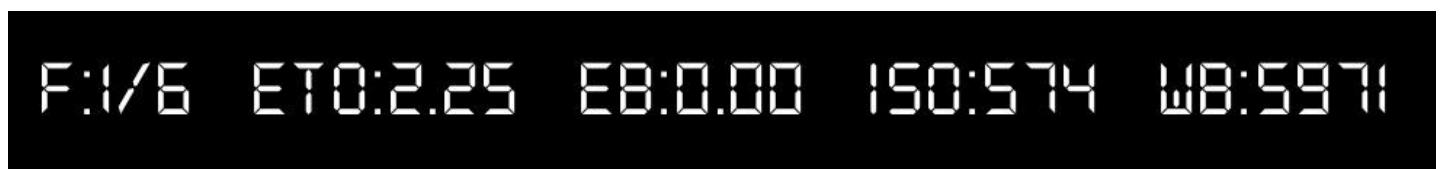


Figure 4.1

Luwian comes with a camera status bar that contains five pieces of information

4.1 F:1/6 indicate your camera's current F-Number(F-Stop) value. Even if you are adjusting exposure Luwian will automatically calculate the current F-Number value.

5. INFORMATION BAR

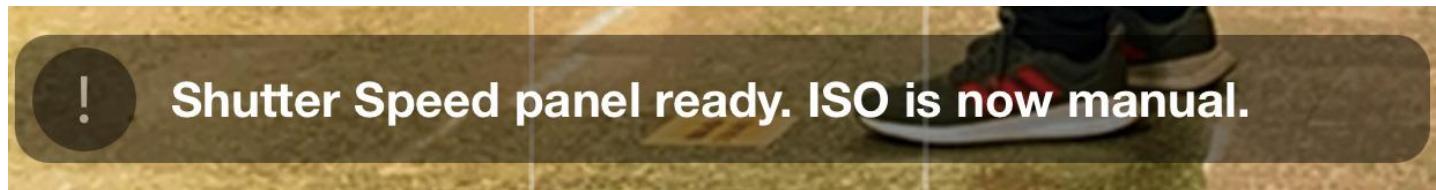


Figure 5.1

The Luwian information bar shows small information when you touch a button or select a function. You can turn off this bar at “19.10. Menu/Info Button”

6. ZOOM AND FOCUS PANEL

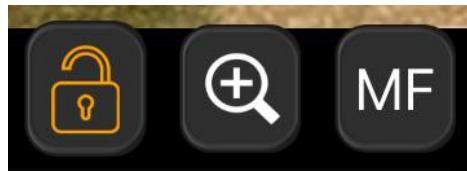


Figure 6.1

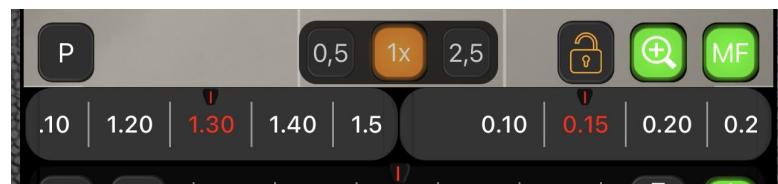


Figure 6.2

6.1 Manual Camera Mode

When Zoom or Focus button is selected adjust rulers will appear. Focus and zoom can be adjusted manually. When the lock button is pressed Luwian locks the camera to the current focus value and disables the focus adjust ruler. In “Manual Camera Mode” the zoom adjust ruler does not switch between virtual cameras(0.5,1x,2.5x), only adjusts the currently selected camera zoom value. If you want to virtually switch between cameras automatically please turn Auto Camera Mode on at “19.4. Menu / AUTO Button” Plus in Luwian, you can keep zooming from value 1 to 100 but keep in mind after your camera reaches the optic zoom level rest will be software zoom and your image will get pixelated as you keep zooming.

6.2. Auto Camera Mode

In auto camera mode only the zoom button and ruler functions are active and while you keep zooming Luwian will automatically switch between virtual cameras (0.5,1x,2.5x)

7. EXPOSURE



Figure 7.1.

In Luwian Exposures are a semi-manual shutter speed and ISO adjustment. When you adjust the exposure shutter speed and ISO values will be automatically adjusted for the best outcome.

8. SHUTTER SPEED



Figure 8.1

Shutter speed can be adjusted between values 0-1 and you can observe changes on "[4. Camera Status Bar](#)". When the shutter speed is selected ISO also will be manual. Shutter speed control is useful when you want to higher quality image, ISO control, and long exposure at night or low light environment.

9. ISO PANEL



Figure 9.1.

ISO panel helps to adjust the camera's ISO value. When activated "[8. Shutter Speed](#)" will be activated as well. If "[7. Exposure](#)" is selected ISO and "[8. Shutter Speed](#)" will be adjusted automatically.

10. WHITE BALANCE



Figure 10.1.

The white balance panel contains Auto, Preset and custom adjust features.

10.1. Auto

Auto white balance mode is default selected when the camera is opened and adjust the white balance to the current environment.

10.2. Presets

10.2.1. Sunny

10.2.2. Cloudy

10.2.3. Tungsten

10.2.4. Shade

10.2.5. Flash



Figure 10.2.

10.3. Custom

Custom white balance overrides other previously selected white balance values. When activated tint value adjust ruler will be activated.

11. RULER



Figure 11.1

In Luwian rulers are the main tools to adjust a variety of settings like zoom, exposure, white balance, ISO, and shutter speed.

12. CAMERA SWITCH / ZOOM IN AUTO MODE

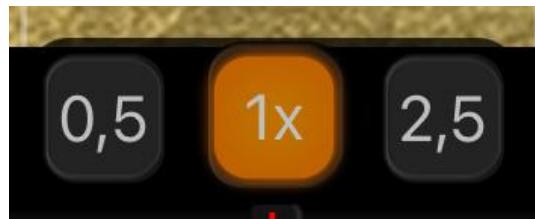


Figure 12.1.

12.1. Manual Mode

In manual mode zoom buttons functions as switch buttons between Wide Angel Camera, Ultra Wide Angle Camera, and Tele Camera. Zoom ruler and pinch zoom only affect the currently selected camera and do not automatically switch between virtual cameras.

12.2. Auto Mode

In auto mode, zoom buttons function as zoom preset buttons and automatically switch between virtual cameras while zooming in or out.

13. PROGRAM

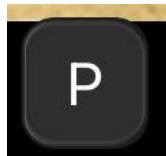


Figure 13.1.

The program, or in some cases preset, is a savable function that stores current exposure, focus, camera, and zoom value for later use. (Figure 13.2.)



Figure 13.2.

14. FRONT BACK CAMERA SWITCH



Figure 14.1

Switches between front and back camera.

15. SHUTTER BUTTON



Figure 15.1

The shutter button like all other cameras starts the photo-taking and saving process and in other modes functions as the record button, or stop button.

16. TIMER AND CONTINUOUS SHOOTING COUNTER

Luwian has two types of timer countdown shutters single shot and continuous shot.



Figure 16.1

16.1. Single Shot Timer Countdown

Trigger the shutter function after the countdown hit zero and stops. Can be set from 1-second to 60-second intervals.



Figure 16.2

16.2. Continuous Shot Timer Countdown

Continuous shooting mode is a very useful feature for taking selfies to catch lightning. Can be set from 1-second to 60-second intervals.

17. FILMS AND FILTERS



Figure 17.1.

When film and filters are selected it opens a detailed functions panel divided into three categories; Films, Filters & FX, and Cinetones. With Luwian V2.0 films and filters can be recorded up to 240 Fps in video recording.



Figure 17.2

17.1. Films

In Luwian Films are carefully selected and crafted from their original chemical features.

17.2. Filters & FX

Luwian comes with more than 50 different Filters and FX

17.3. Cinetones

Cinetone is a tool that turns your camera into a selected movie's color ambient. Can be used for photo shooting and video recording.

18. CAMERA MODE



Figure 18.0.

Luwian comes with 13 advanced camera modes(10 for earlier models than iPhone 11).

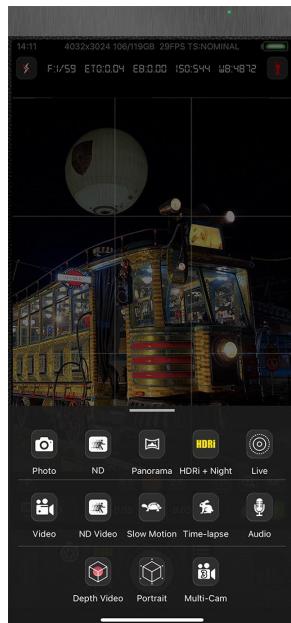


Figure 18.0.1.

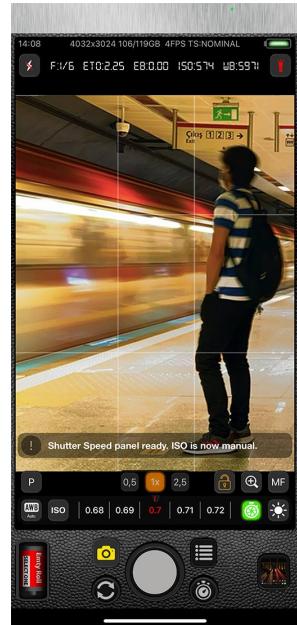


Figure 18.1.

18.1. Photography Mode

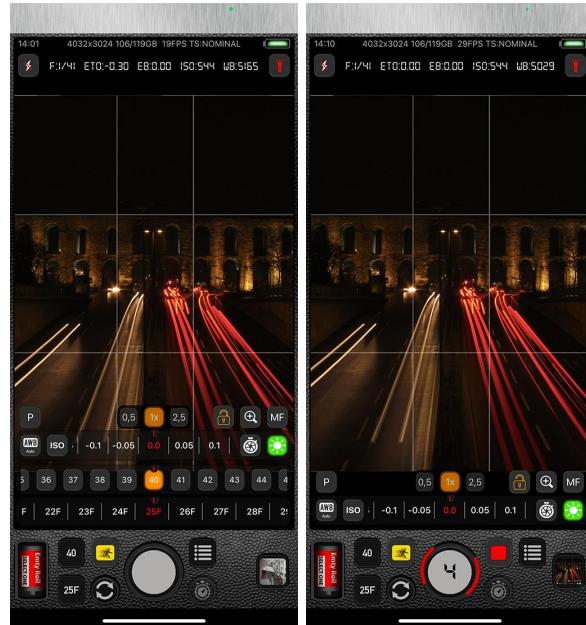


Figure 18.2. Figure 18.2.1.

18.2. Photography ND Mode



Figure 18.3.

18.3. Panoramic Photography

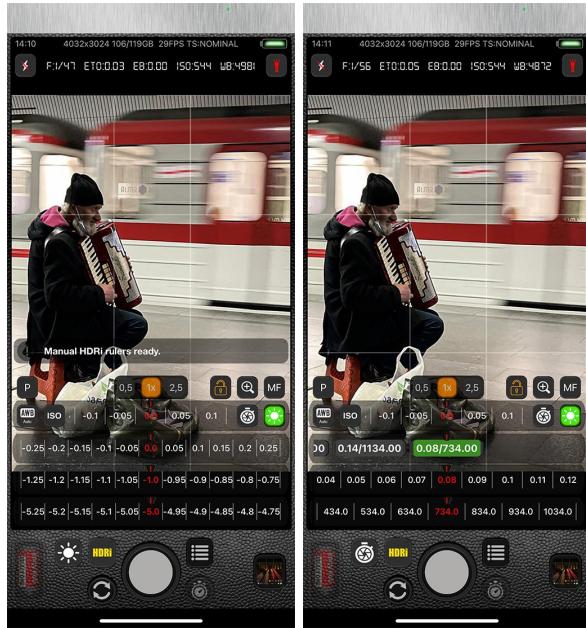


Figure 18.4. Figure 18.4.1.

18.4. HDRi Photography



Figure 18.5.

18.5. Live Photo Mode

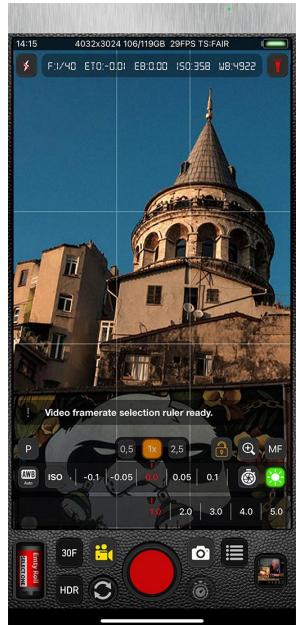


Figure 18.6.

18.6. Video Recording Mode

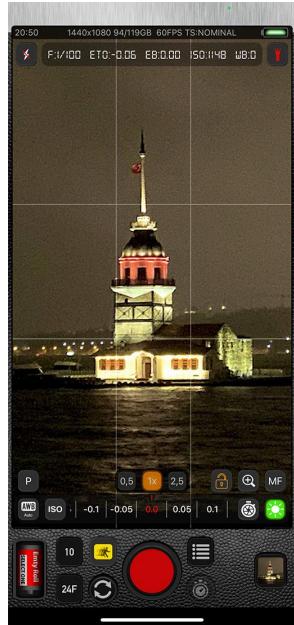


Figure 18.7.

18.7. Video ND Mode

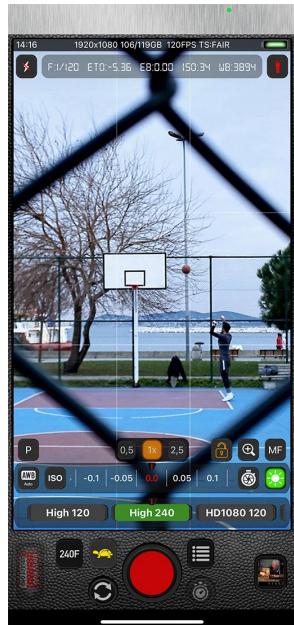


Figure 18.8.

18.8. Slow Motion Video Mode



Figure 18.9.

18.9. Timelapse Mode



Figure 18.10.

18.10. Microphone Mode



Figure 18.11.

18.11. Depth Photography Mode (aka portrait)



Figure 18.12.

18.12. Depth Video Mode



Figure 18.13.

18.13. Multi-Camera Mode

19. MENU



Figure 19.0.

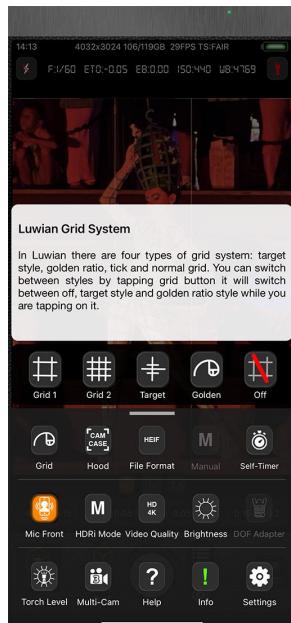


Figure 19.1.

19.1. View Grid



Figure 19.2.

19.2. Camera Hood (camera case)

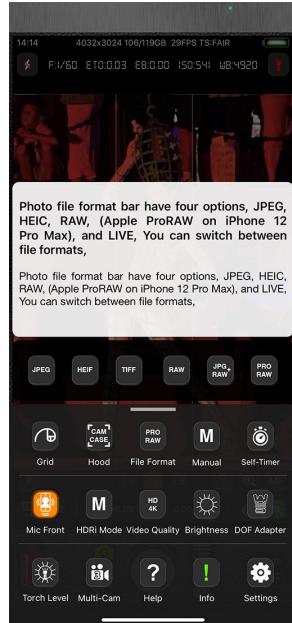


Figure 19.3.

19.3. Photo File Format

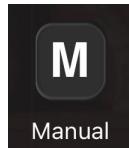


Figure 19.4.

19.4. Manual, Auto Mode Switch Button

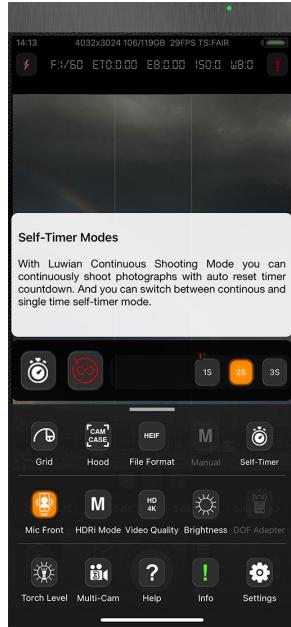


Figure 19.5.

19.5. Timer Mode Selection



Figure 19.6.

19.6. Microphone Selection

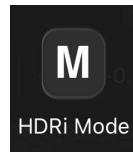


Figure 19.7.

19.7. HDRi Auto/Manual Mode Switch

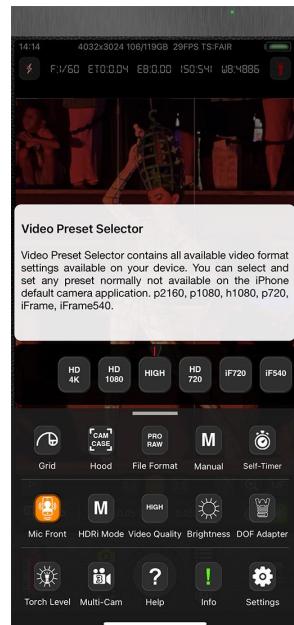


Figure 19.8.

19.8. Video Quality Selection

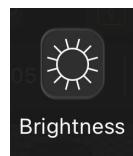


Figure 19.9.

19.9. Screen Brightness Controller

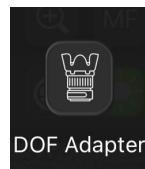


Figure 19.10.

19.10. DOF Adapter ON/OFF Switch

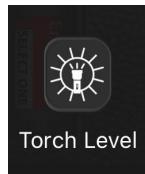


Figure 19.11.

19.11. Toch Strength

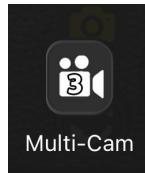


Figure 19.12.

19.12. Multi-Camera Settings

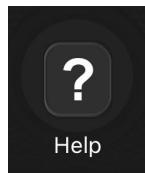


Figure 19.13.

19.13. Help Popup ON/OFF Switch

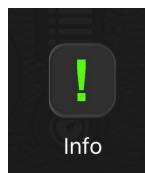


Figure 19.14.

19.14. Info Notification ON/OFF Switch

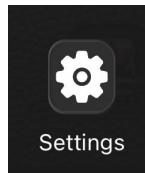


Figure 19.15.0

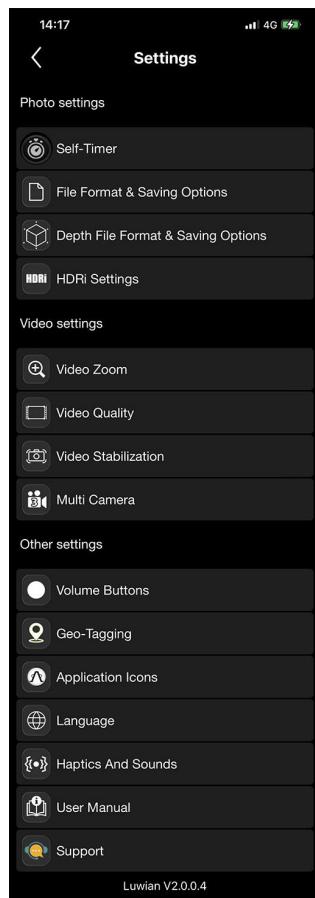


Figure 19.15.0.1

19.15. Settings

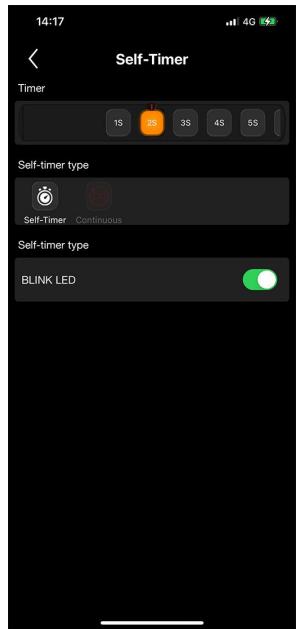


Figure 19.15.1.

19.15.1. Timer Settings

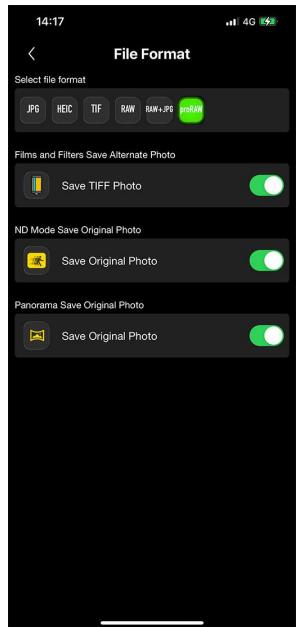


Figure 19.15.2.

19.15.2. Photo File Format Settings

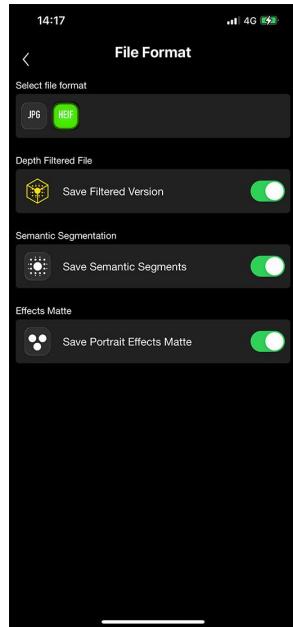


Figure 19.15.3.

19.15.3. Depth File Saving Options

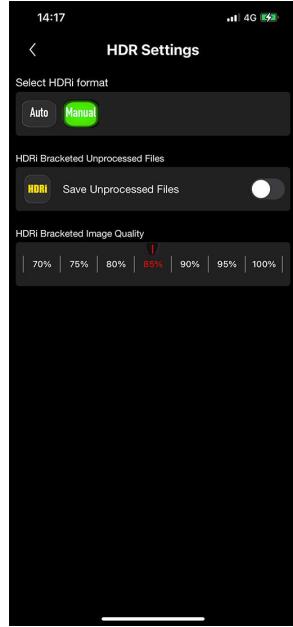


Figure 19.15.4.

19.15.4. HDRi Settings

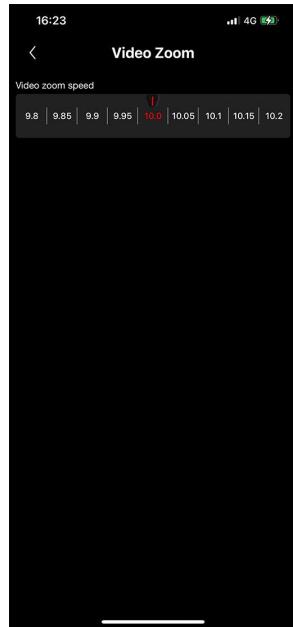


Figure 19.15.5.

19.15.5. Zoom Speed

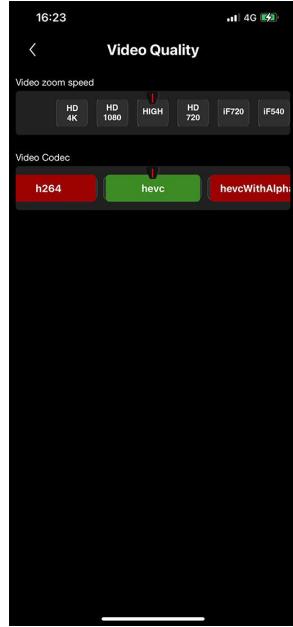


Figure 19.15.6.

19.15.6. Video Quality



Figure 19.15.7.

19.15.7. Video Stabilization

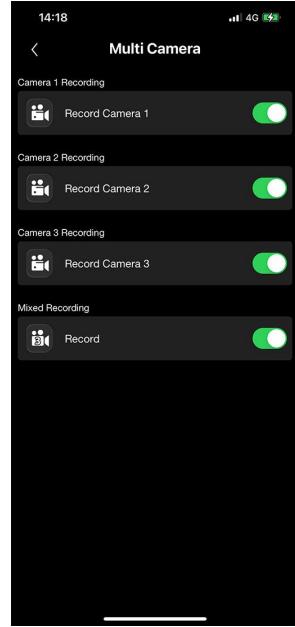


Figure 19.15.8.

19.15.8. Multi-Camera Settings



Figure 19.15.9.

19.15.9. Volume Buttons Settings



Figure 19.15.10.

19.15.10. Geo Tagging

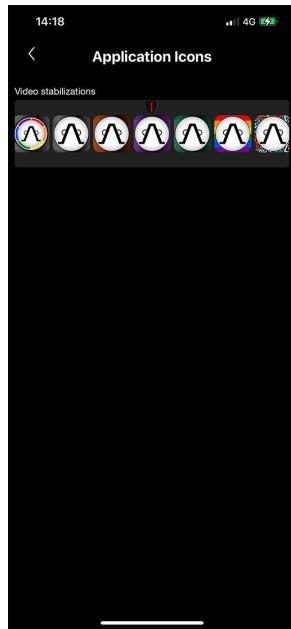


Figure 19.15.11.

19.15.11. Theme and App Icon Selection

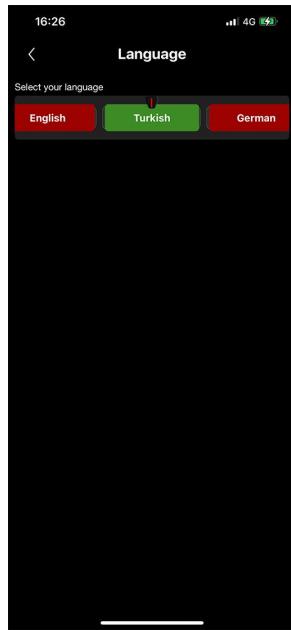


Figure 19.15.12.

19.15.12. Language Selection

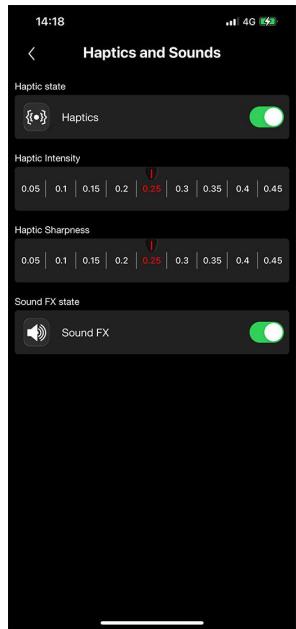


Figure 19.15.13.

19.15.13. Haptics and Sounds

20. LIBRARY



Figure 20.0.

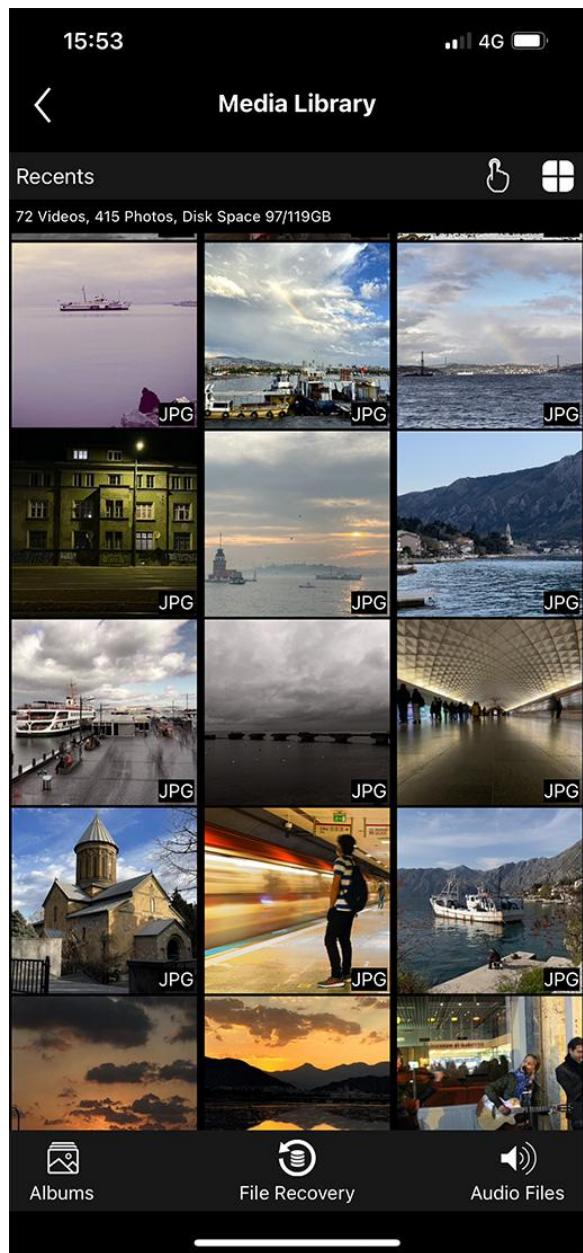


Figure 20.1.

20.1. Media Files Browser

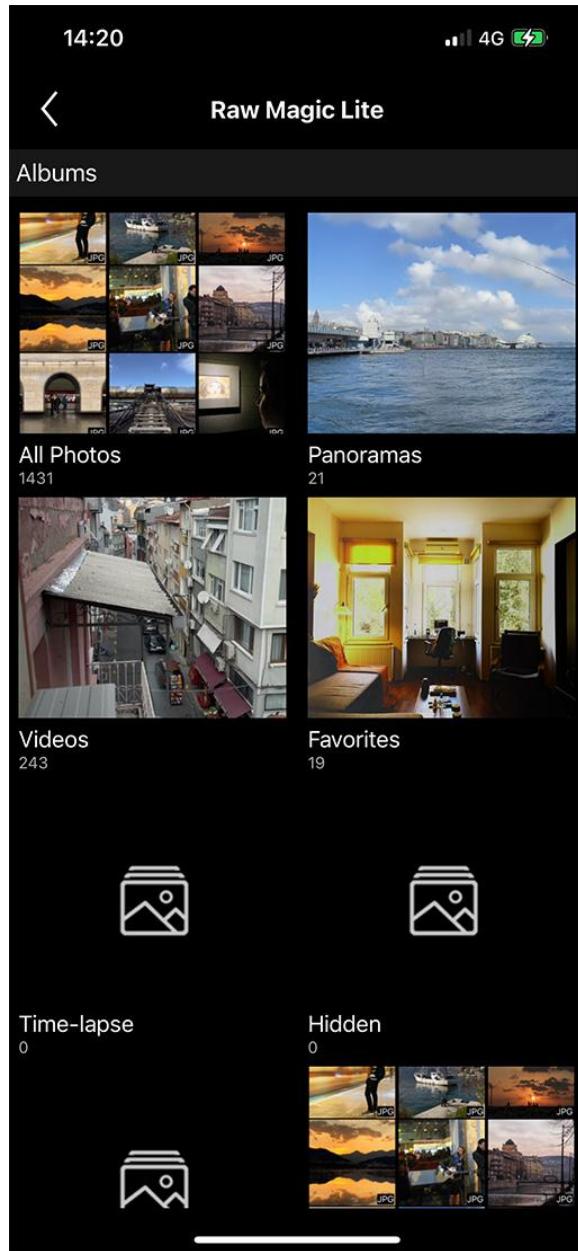


Figure 20.2.

20.2. Album Selection

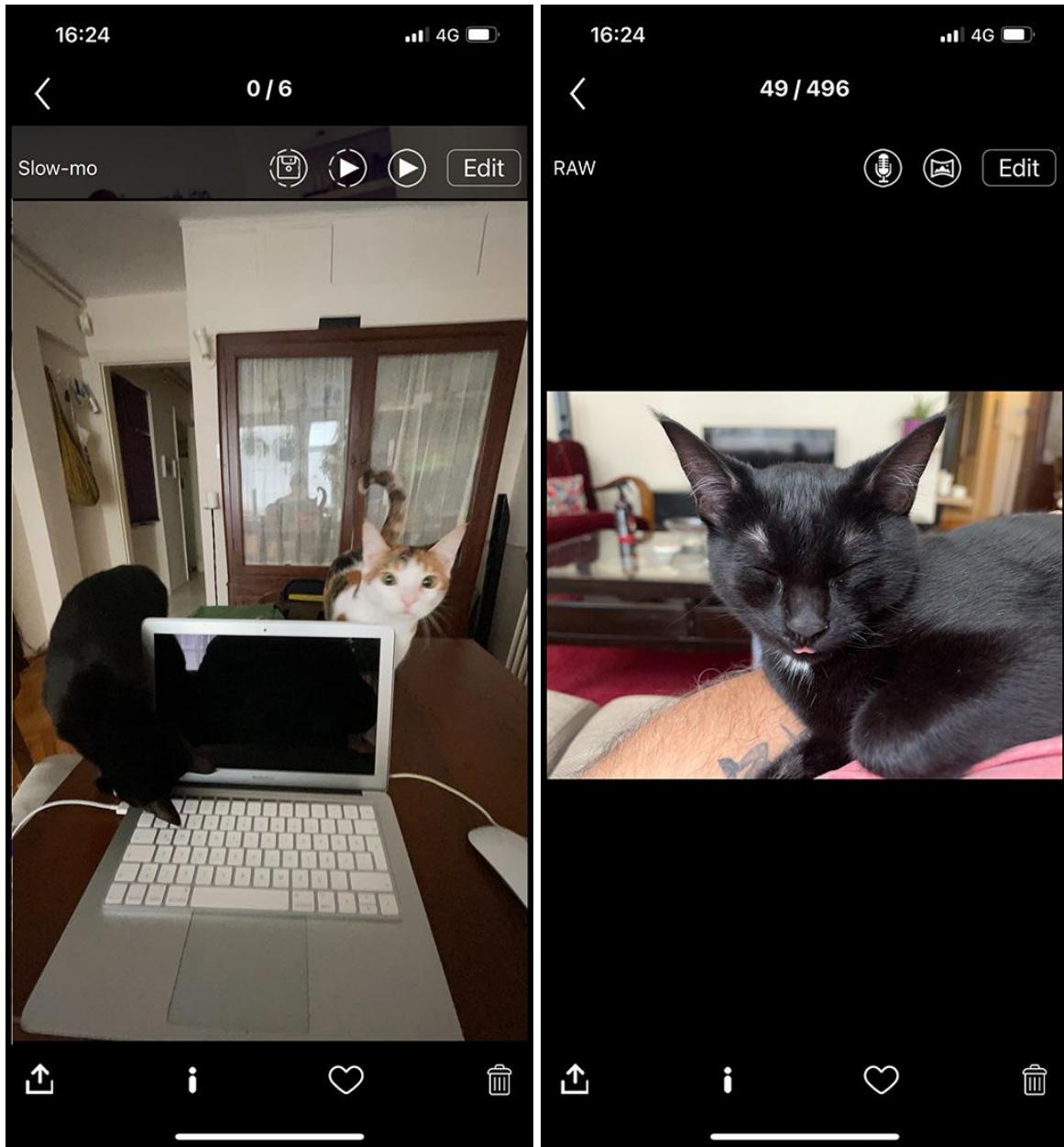


Figure 20.3.0 Figure 20.3.1

20.3. Media Details

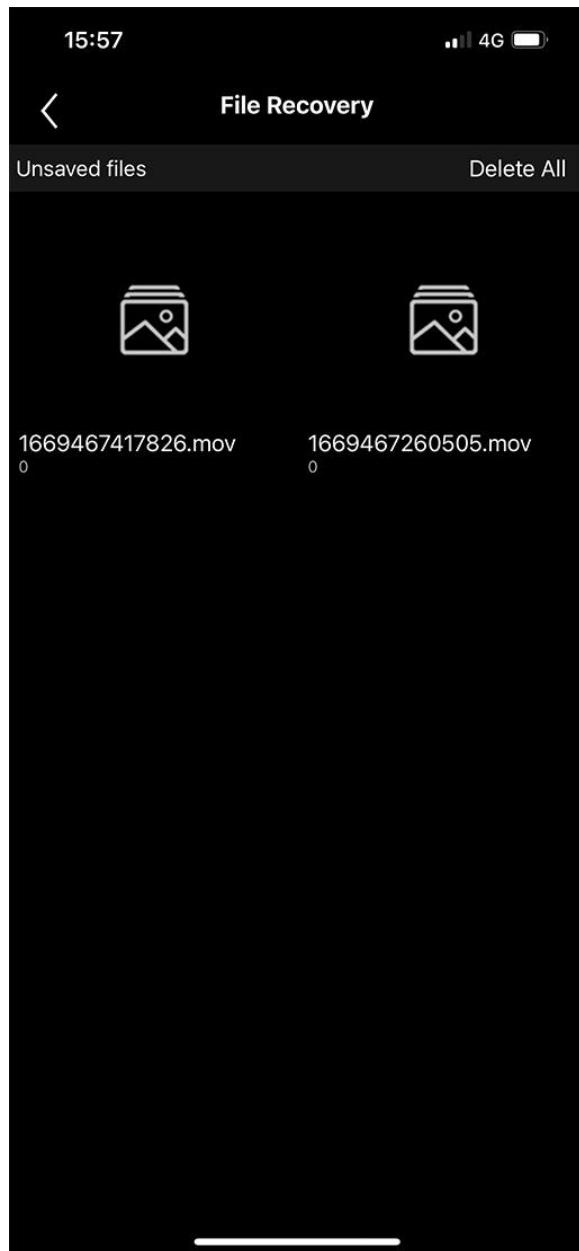


Figure 20.4.

20.4. File Recovery



Figure 20.5.

20.5. Saved Audio Files

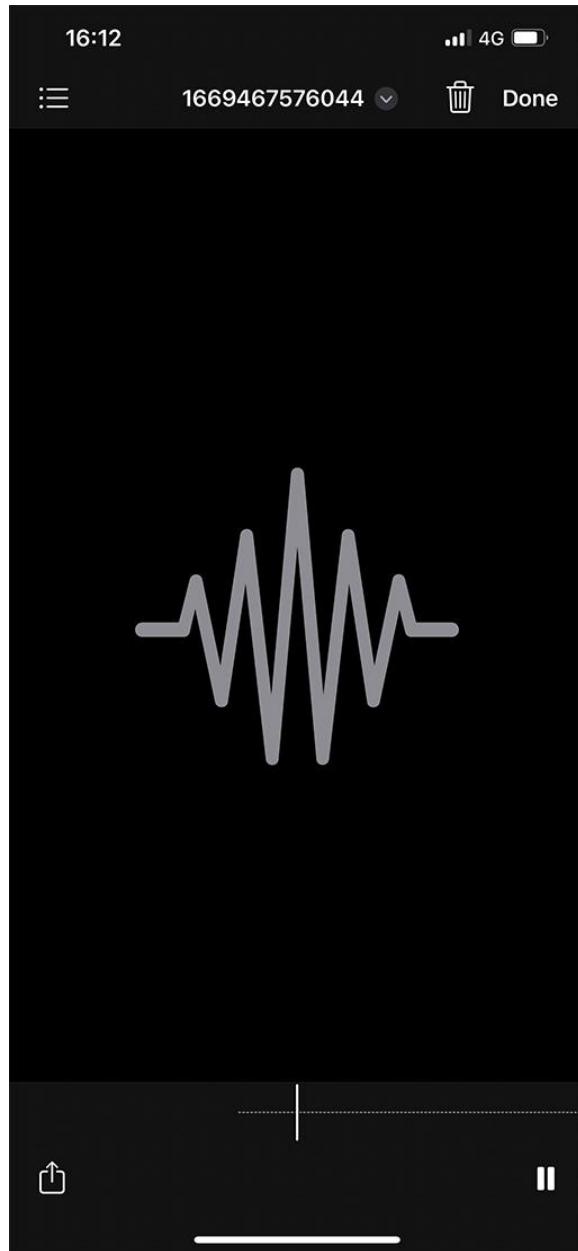


Figure 20.6.

20.6. Audio Player

21. RAW MAGIC LITE

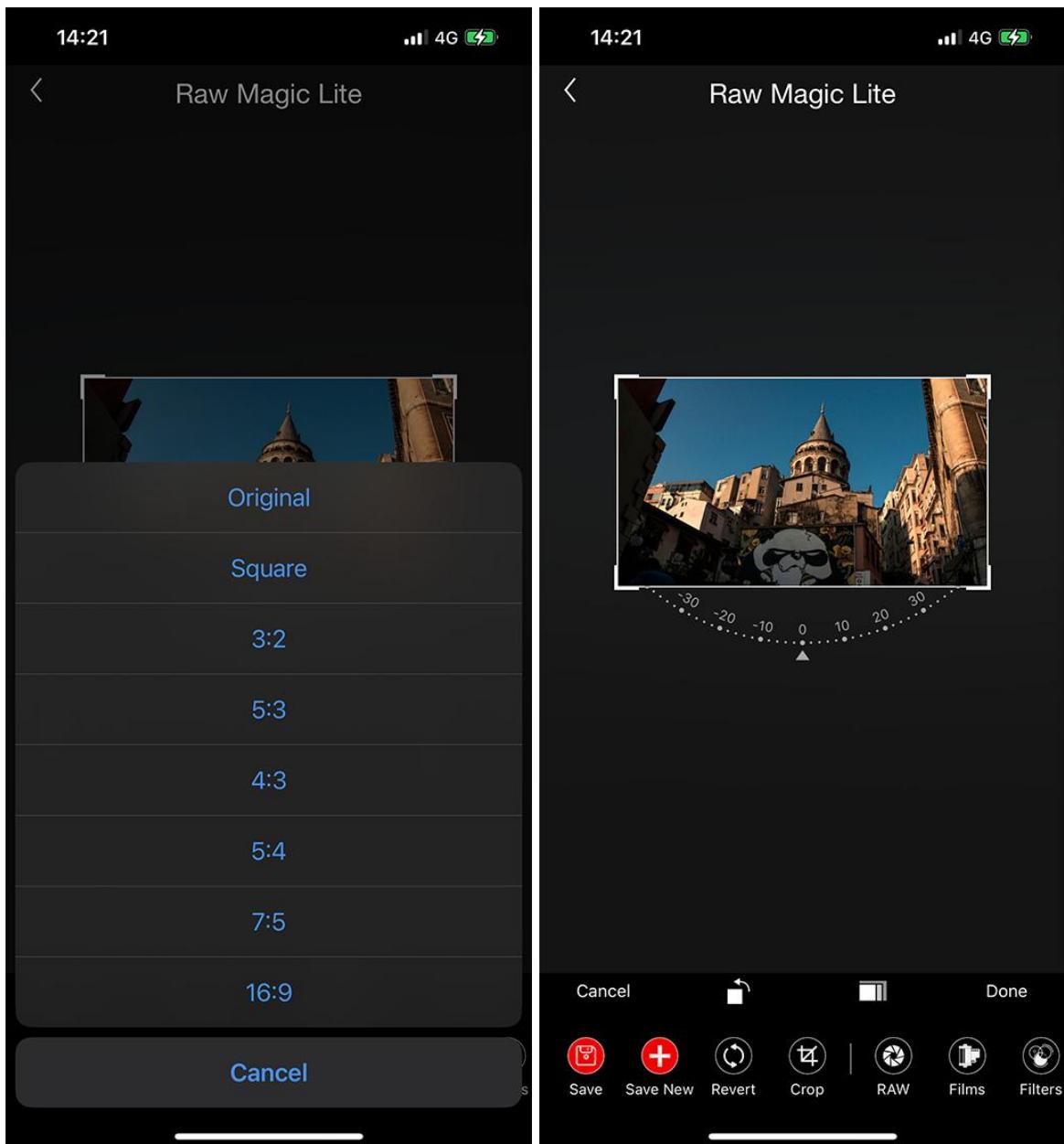


Figure 21.1.0 Figure 21.1.1

21.1. Crop

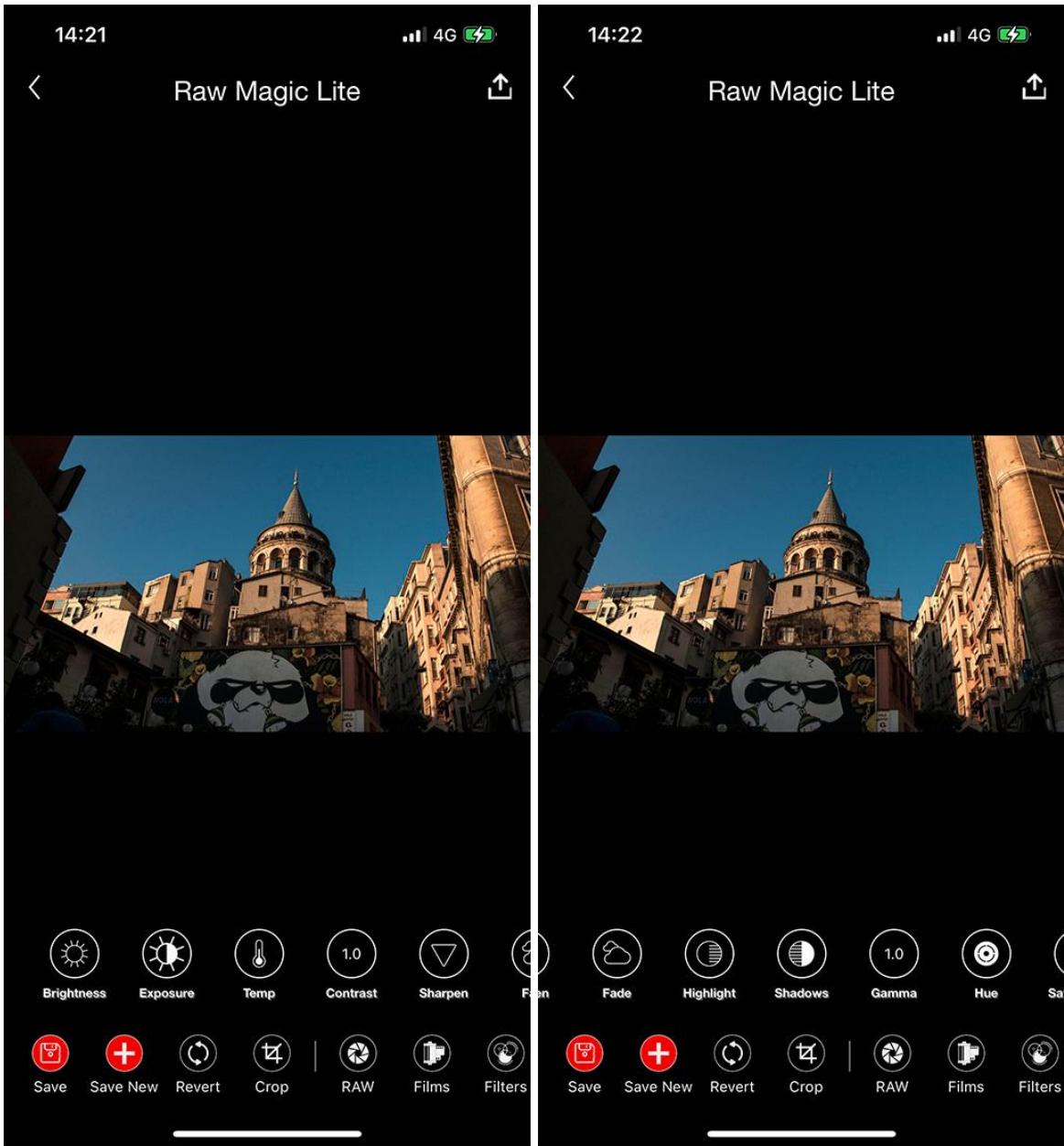


Figure 21.2.0 Figure 21.2.1

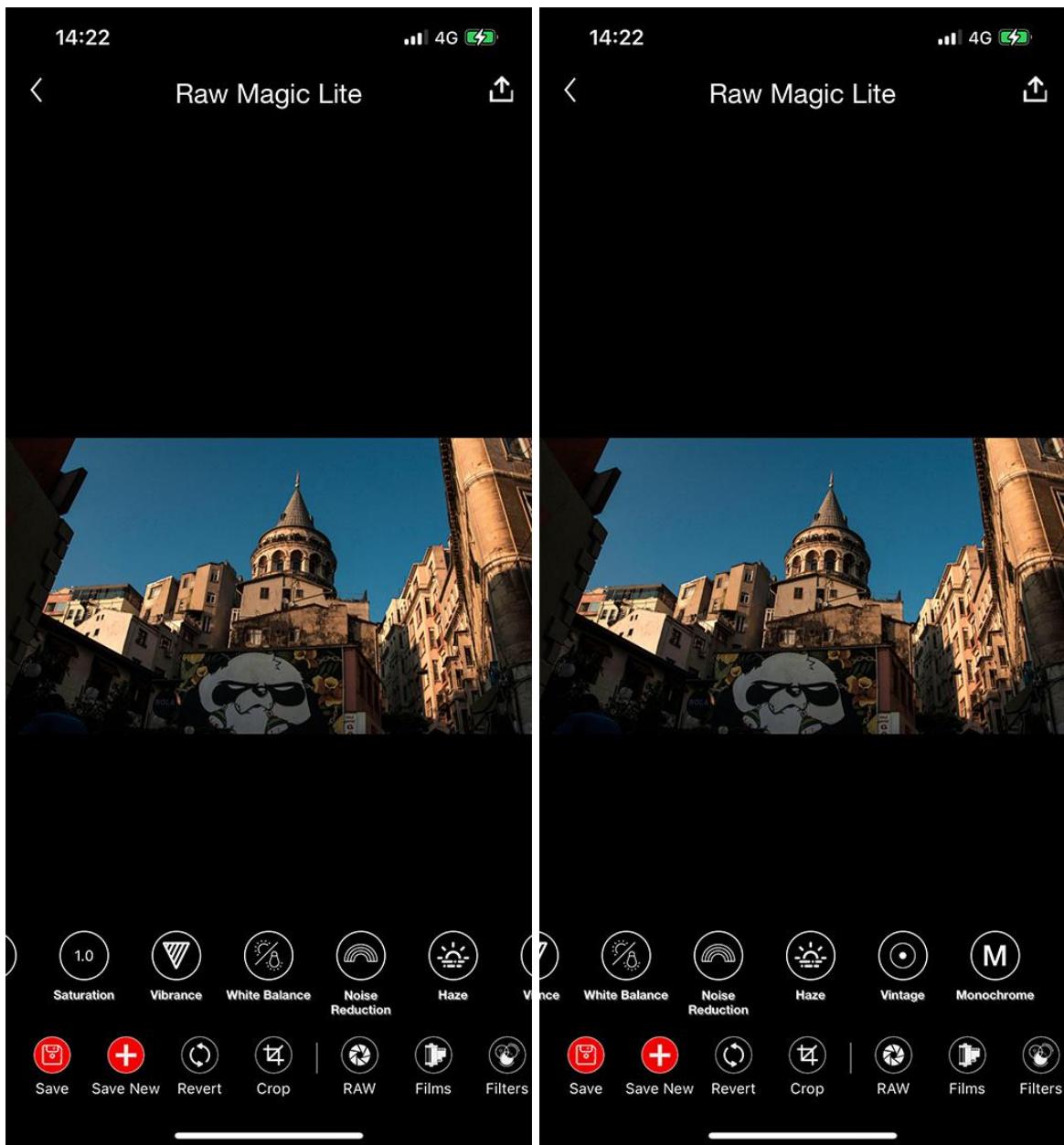


Figure 21.2.2 Figure 21.2.3

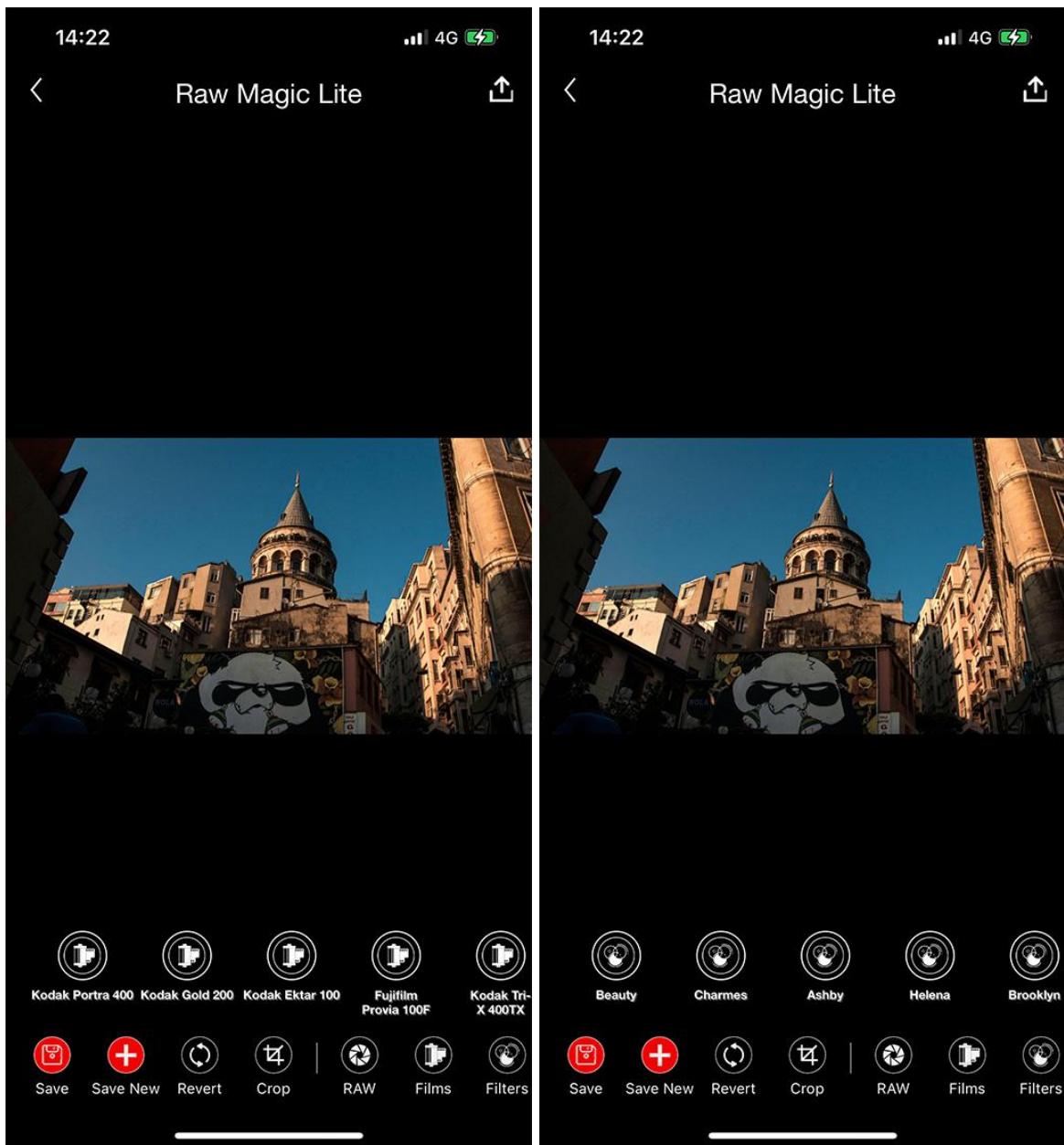


Figure 21.2.4 Figure 21.2.5



Figure 21.2.6

21.2. Edit

