

# Recording FORMATS

ALEXA MINI LF

Truly cinematic. Truly flexible.

ALEXA Mini LF is incredibly flexible: one camera with a multitude of sensor modes that allow you to choose different looks, lenses, aspect ratios, and deliverables for different projects. Six new sensor modes are provided for free through software update SUP 7.1.



## 4.5K LF 3:2 Open Gate



**Photosites**  
4448 x 3096

**Dimensions**  
36.70 x 25.54 mm  
1.445 x 1.006 inch

**Image Circle**  
44.71 mm  
1.760 inch

Maximum image quality, image area, and resolution for spherical and anamorphic lenses, providing enormous flexibility in post.

## 4.5K 4448 x 3096

ARRIRAW **40 fps**  
Apple ProRes **40 fps**

## 4.5K LF 2.39:1



**Photosites**  
4448 x 1856

**Dimensions**  
36.70 x 15.31 mm  
1.445 x 0.603 inch

**Image Circle**  
39.77 mm  
1.570 inch

Designed for shooting 2.39:1 cinematic widescreen with spherical large-format lenses.

## 4.5K 4448 x 1856

ARRIRAW **60 fps**  
Apple ProRes **60 fps**

## 4.3K LF 16:9



**Photosites**  
4320 x 2430

**Dimensions**  
35.64 x 20.05 mm  
1.403 x 0.789 inch

**Image Circle**  
40.89 mm  
1.610 inch

The unique large-format look with a drastically reduced data rate, through in-camera down-sampling to your target deliverable of 16:9 UHD or HD.

## UHD 3840 x 2160

Apple ProRes **48 fps**

## HD 1920 x 1080

Apple ProRes **75 fps**

## 3.8K LF 16:9



**Photosites**  
3840 x 2160

**Dimensions**  
31.68 x 17.82 mm  
1.247 x 0.702 inch

**Image Circle**  
36.35 mm  
1.430 inch

The smallest sensor area compliant with 4K mandates allows the use of many spherical S35 lenses. In-camera down-sampling options provide lower data rates for cost-efficient ways to achieve the large-format look.

## UHD 3840 x 2160

ARRIRAW **60 fps**

Apple ProRes **60 fps**

## 2K 2048 x 1152

Apple ProRes **90 fps**

## HD 1920 x 1080

Apple ProRes **90 fps**

## 2.8K LF 1:1



**Photosites**  
2880 x 2880

**Dimensions**  
23.76 x 23.76 mm  
0.935 x 0.935 inch

**Image Circle**  
33.60 mm  
1.320 inch

Designed for shooting with 2x anamorphic lenses for a target deliverable of 2:1, fulfilling 4K mandates.

## 2.8K 2880 x 2880

ARRIRAW **60 fps**

Apple ProRes **60 fps**

## 3.4K S35 3:2



**Photosites**  
3424 x 2202

**Dimensions**  
28.25 x 18.17 mm  
1.112 x 0.715 inch

**Image Circle**  
33.59 mm  
1.320 inch

The most flexible format for S35 projects, covered by most S35 lenses and with enough resolution for many postproduction workflows.

## 3.4K 3424 x 2202

ARRIRAW **60 fps**

## 3.2K S35 16:9



**Photosites**  
3200 x 1800

**Dimensions**  
26.40 x 14.85 mm  
1.039 x 0.585 inch

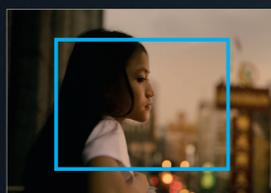
**Image Circle**  
30.29 mm  
1.190 inch

Ideal for shooting with spherical S35 lenses for a 16:9 target deliverable.

## 3.2K 3200 x 1800

Apple ProRes **75 fps**

## 2.8K S35 4:3



**Photosites**  
2880 x 2160

**Dimensions**  
23.76 x 17.82 mm  
0.935 x 0.702 inch

**Image Circle**  
33.59 mm  
1.320 inch

For projects using anamorphic S35 lenses for a target deliverable of 2.39:1, or spherical S35 lenses for a target deliverable of either 1.33:1, or 1.85:1 with extra room above and below the image.

## 2.8K 2880 x 2160

Apple ProRes **75 fps**

## 2.8K S35 16:9



**Photosites**  
2880 x 1620

**Dimensions**  
23.76 x 13.37 mm  
0.935 x 0.526 inch

**Image Circle**  
27.26 mm  
1.070 inch

The quickest way to an HD deliverable, with a super-low data rate and the assurance that the sensor area is covered by any S35 lens.

## HD 1920 x 1080

Apple ProRes **100 fps**



More about ALEXA Mini LF



Frame Line & Lens Illumination Tool

All data based on ALEXA Mini LF Software Update Package 7.1. All data subject to change without further notice. All Apple ProRes flavors (422 HQ, 4444, 4444 XQ) have the same maximum frame rate on ALEXA Mini LF. Some Apple ProRes files include extra black pixels around the actual image content to comply with Apple ProRes file format requirements.

ARRI