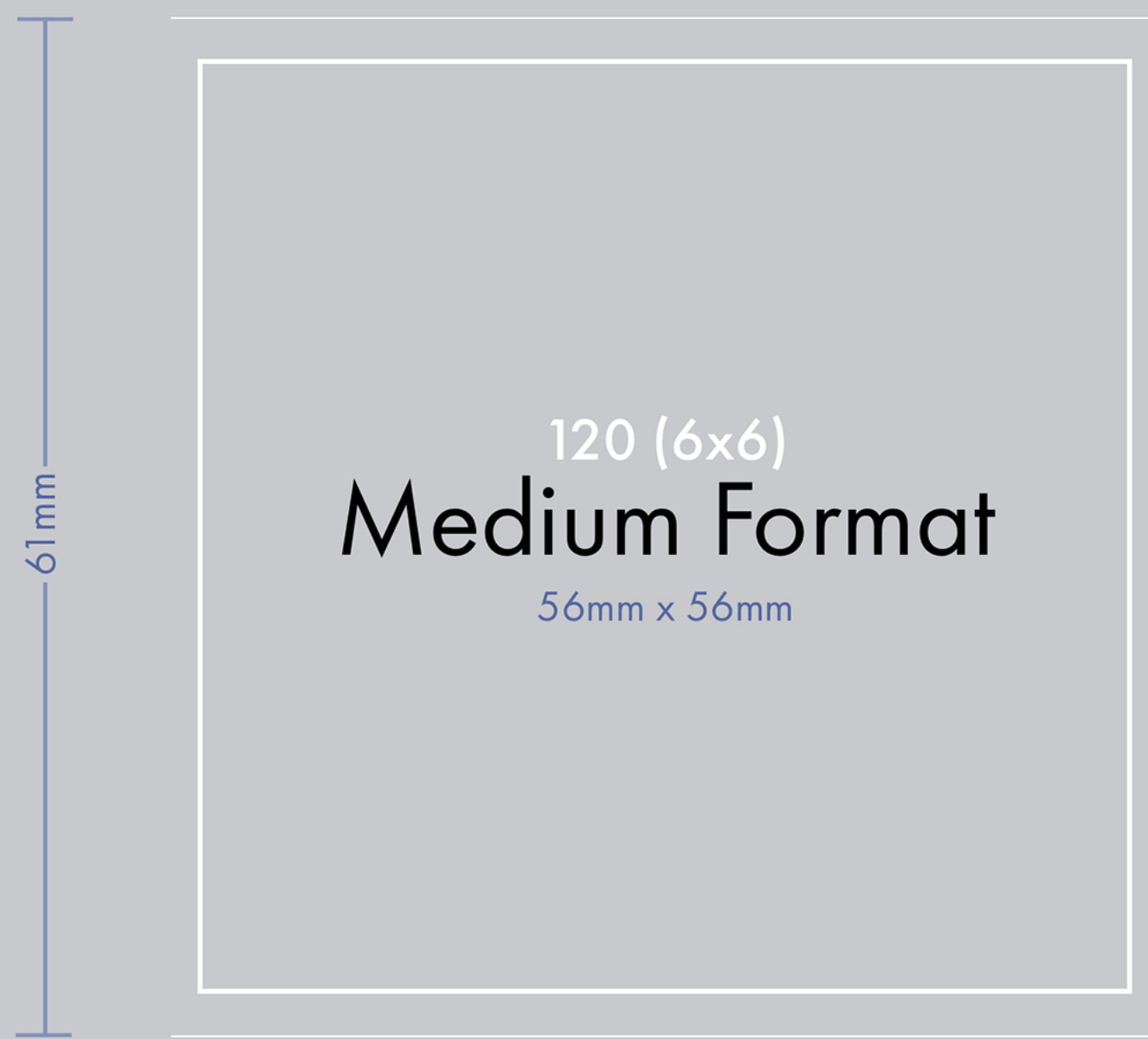
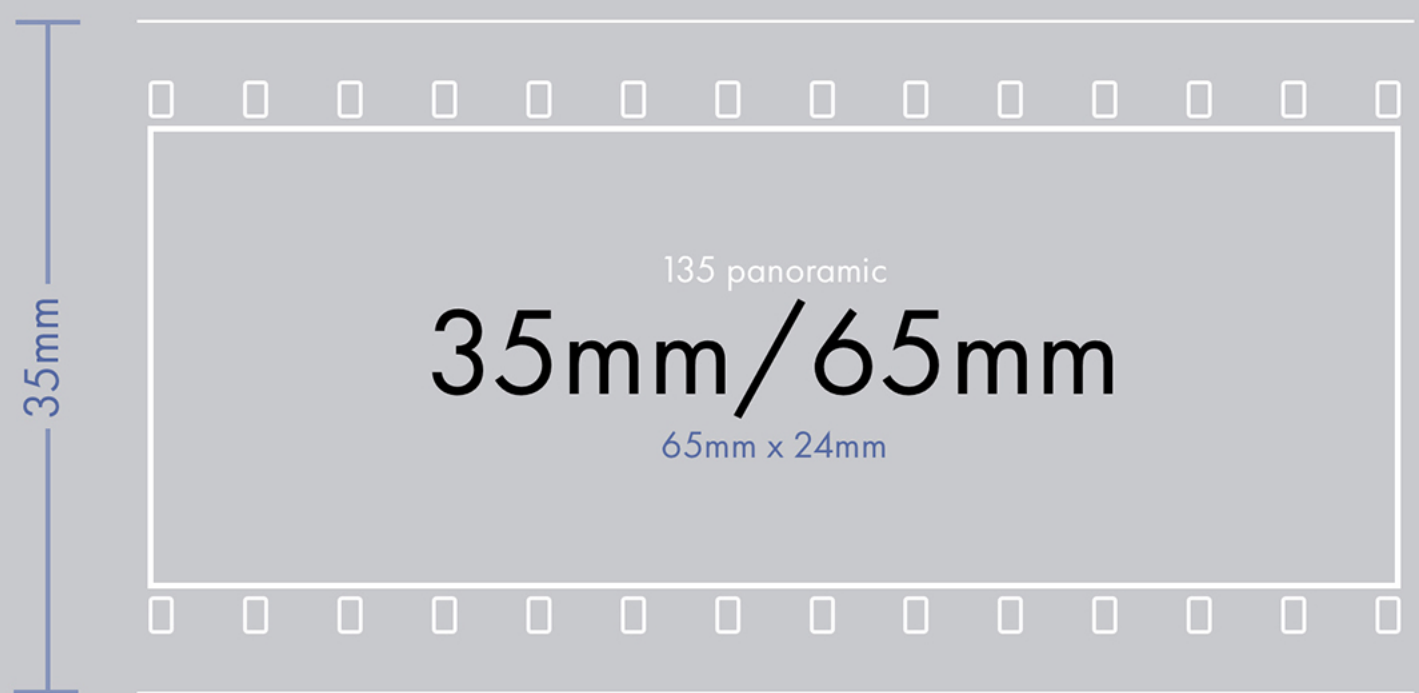


# FORMAT COMPARISON CHART

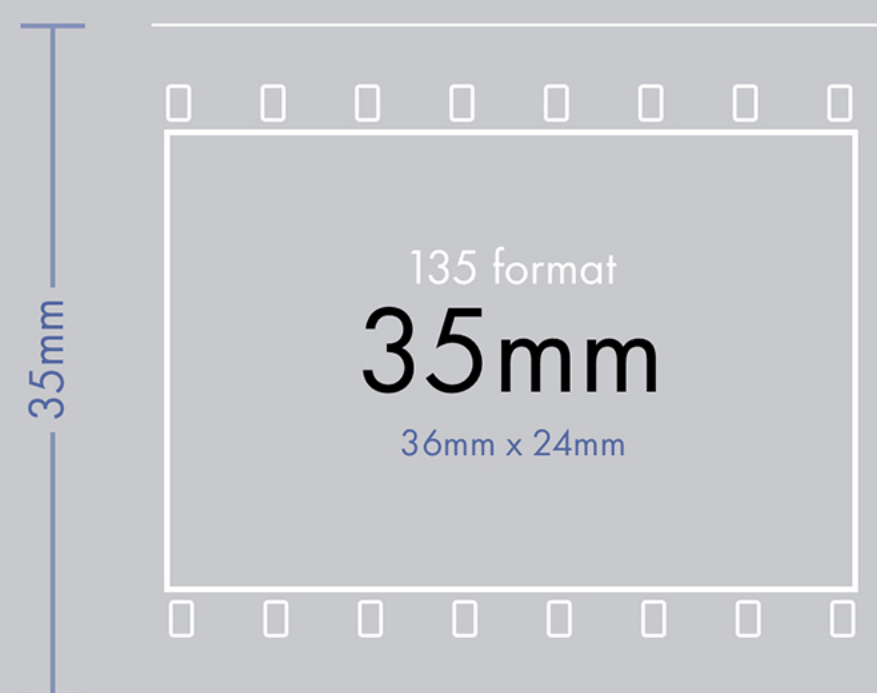
## Still Photography Films



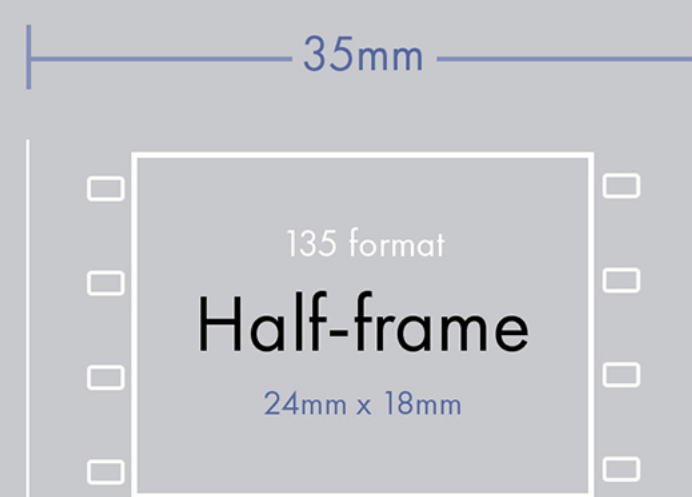
120 Medium format still photography uses roll film without perforations. Available in different formats, most commonly 6x4.5, 6x6, 6x7 or 6x9.



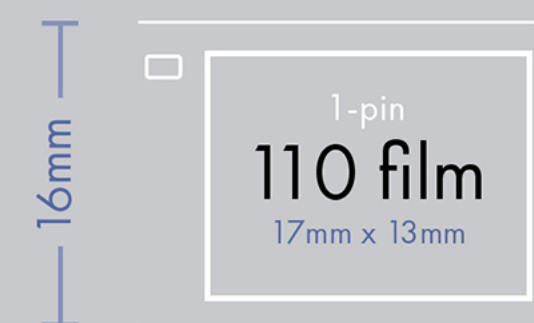
This less common format is possible with regular 135 film by using cameras such as the Hasselblad XPAN or some medium format cameras coupled with an adaptor.



The most common still film photography format, 8-perf 35mm film. Known as 135 film, 35mm or Full Frame photography.

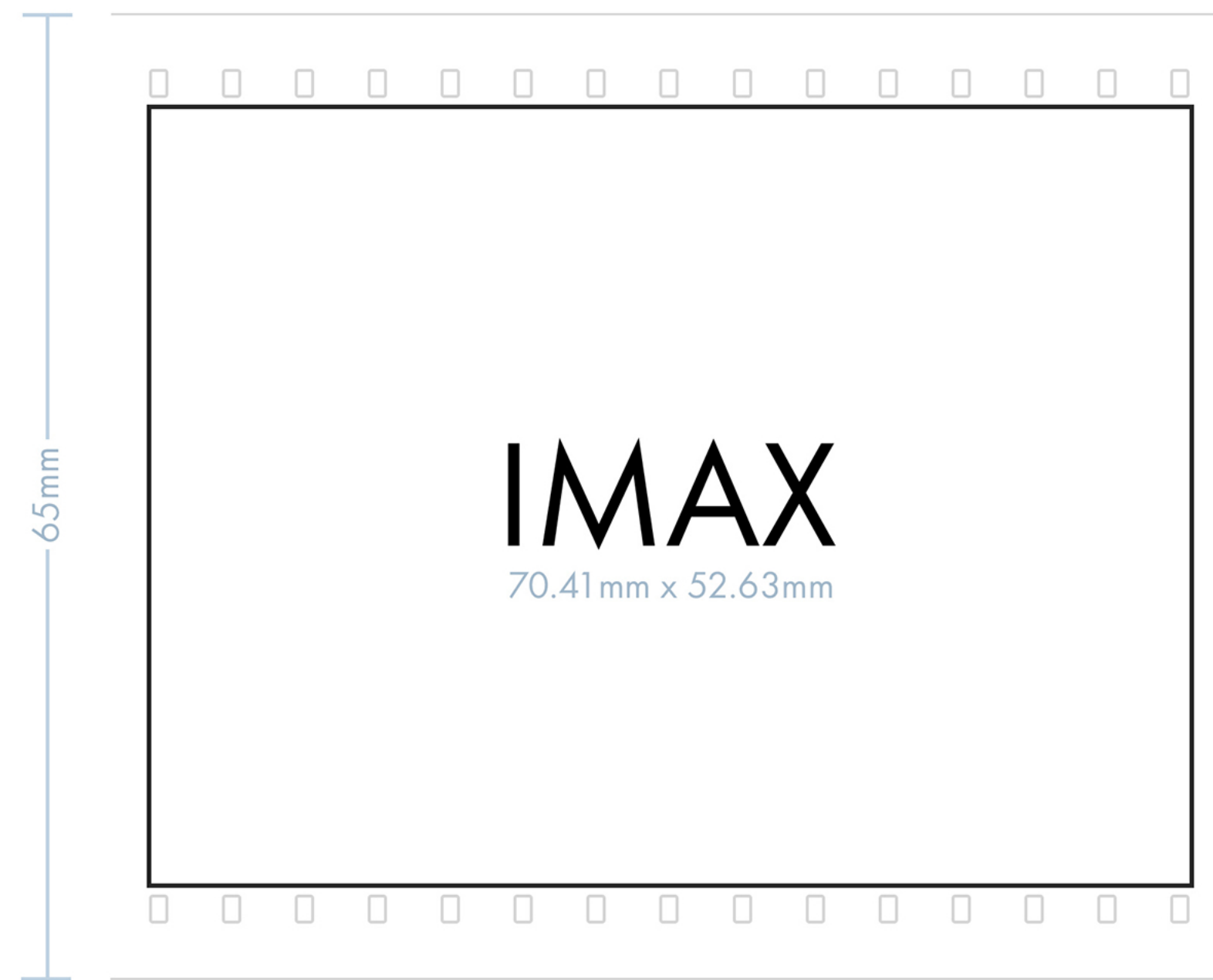


This uncommon format uses half of the usual image area. Available with half-frame cameras, such as the Olympus Pen F. Film runs horizontally like 135 format, but turn the camera and you have the closest still equivalent to 35mm motion picture film.

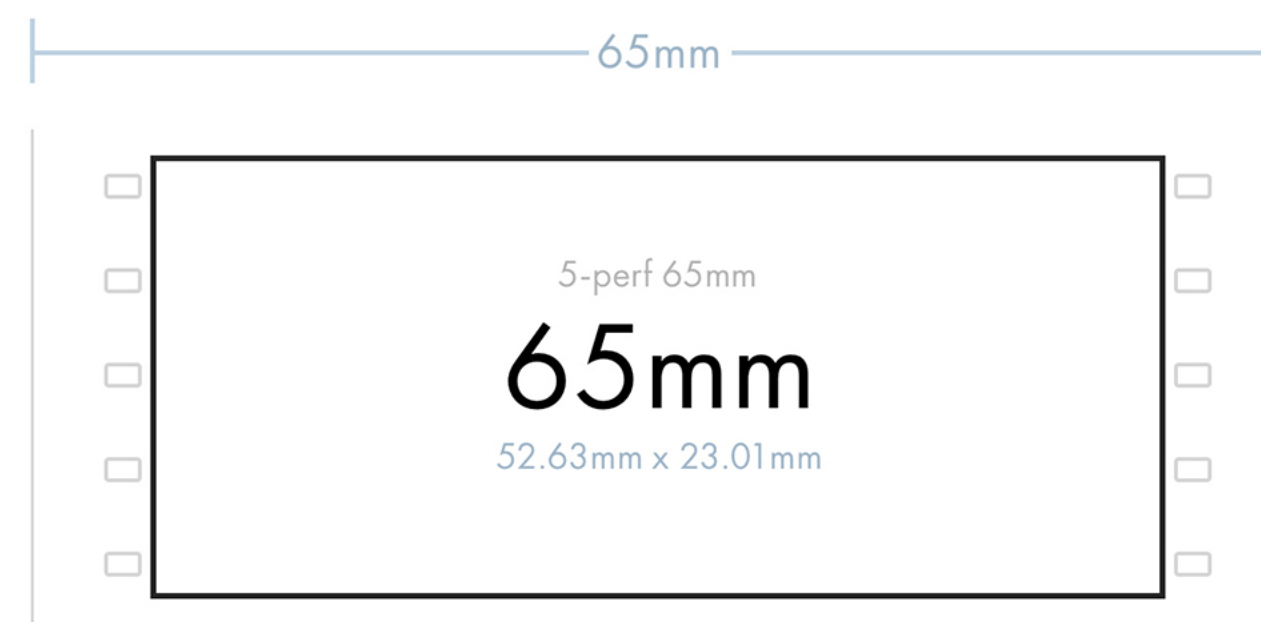


Another uncommon film format. Most stocks are discontinued but a few continue in production still. For 110 cameras, e.g. Kodak Pocket Instamatic 100. 110 frames are about twice the size of super 16mm.

## Motion Picture Films



The IMAX camera aperture is a 15-perf image area on 65mm film, shot horizontally. Also known as 15/70 format. IMAX is projected on 70mm print films.



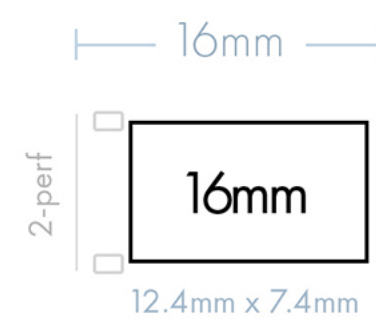
5-perf 65mm formats uses the same film as IMAX. However, the classic orientation and wider aspect ratio results in smaller frames with a three times larger shooting ratio.



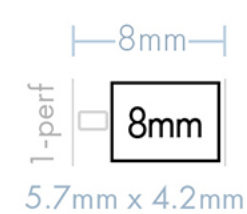
VistaVision uses 35mm film at 8 perforation per frame. The film runs horizontally over the gate, like on IMAX.



A 4-perf super 35mm frame. 35mm is Available in many variations, including but not limited to academy aperture, anamorphic 35mm, 4-perf, 3-perf & 2-perf. The smallest 35mm format is 2-perf which is only 9.27mm tall.

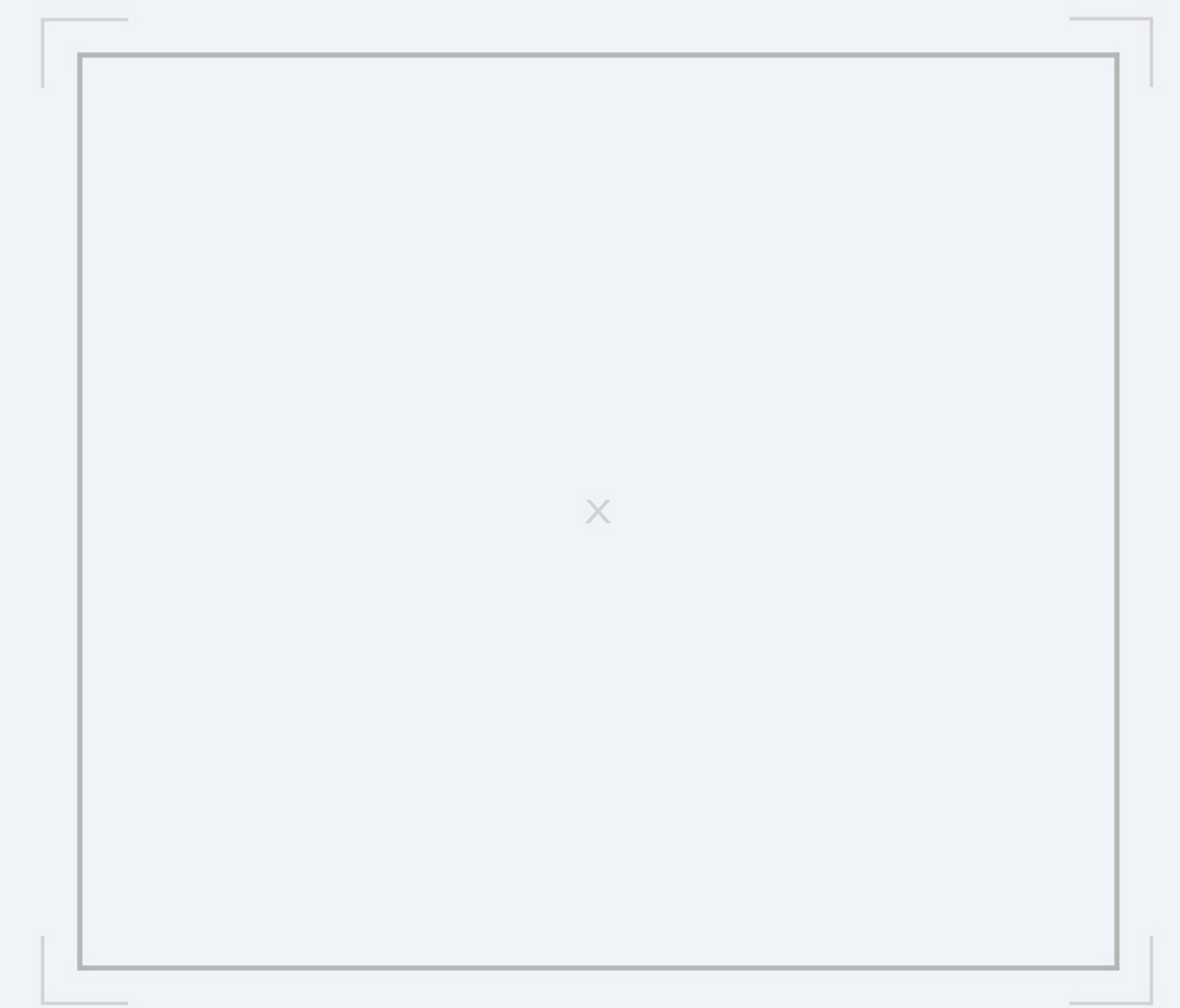


2-perf super 16mm film - Winding B. While the negative is small, super 16mm in motion has an incredible amount of detail. 2K or more.



1-perf super 8mm film. The small image area used for super 8mm has a quite limited resolving power, HD or less.

## ARRI Alexa Family



The largest sensor of the Alexa family, the Alexa 65 sensor is roughly equivalent to three regular Alexa sensors aligned next to one another.



The Alexa LF sensor is roughly twice the size of the Alexa sensor. It has a similar image area to an 8-perf 35mm negative.



The full Alexa sensor accessible by shooting Open Gate. The Alexa Mini and Amira use the same sensor. The majority of shooting options uses a cropped section of the camera sensor. Amira only allows cropped modes.



A sensor crop mode available on Alexa Mini and Amira. The camera renders a HD image from 1600 x 900 active photosites. It has a similar image area to super 16mm film.