

RealitySoSubtle 6x6F Pinhole Camera

Features :

- 0.15mm precision pinholes, 24mm focal length. Effective Aperture = $f/160$
- 52mm filter thread attachment
- Magnetic shutter for both open and closed positions.
- Accurate sight lines engraved into the top and sides for ease of framing
- Winding in both directions (nice for double exposures) - you can easily re-visit any frame and shoot over it.

Notes on use:

- Opening/closing the shutter can cause camera shake - to avoid un-sharp photos (or hands/fingers in the shot) cover the shutter recess with the finger of one hand while opening/closing the shutter with the other. In effect the 'finger' in the recess becomes the shutter. (You should practice this and find a method that's works for you). For exposures longer than 10 seconds this is not necessary.
- The camera uses standard 120 film and is loaded as per the photo below. Simply spool the leader into the empty reel and slide both reels down into the camera while gently guiding the paper through the felt 'pressure plate'. Line up the lid 'winders' with the slots in the spools and push the lid on. Screw in the locking screws 'finger tight' and wind on the film to frame 1 as seen in the red window on the back of the camera. Winding of the film may seem a little stiff at first until the film seats itself correctly. Just wind on to frame number 1. There are 12 shots to a roll.
- In order to avoid a 'fat' roll upon unload tension must be kept on the film as it travels through the camera. This is done by gently holding the supply reel while winding on to the next frame. It's a good idea to do this after every frame but in reality it only needs to be done after the last frame before all the film is wound through the camera.
- The sighting lines are very accurate and can be used to effectively frame your image. Use your eye to follow the lines and see what is at the edge of your frame.
- For exposures longer than 1 second it's normally required to allow for the reciprocity failure of your particular film. You can find this online usually. This will add time to your exposure depending on how long it is. The longer the exposure - the more time to add.
- To avoid camera shake on very short exposures the 'two handed' method is useful. You do not simply open and close the shutter as the movement will cause camera shake. The work-around is the 'two handed' method where you cover the opening to the pinhole with the finger of one hand while opening the shutter with the other. Then when ready to take the photo you gently unblock the opening and move your hand upward out of the way. Reverse the process to end the exposure.
- To determine correct exposure I recommend a smart phone app called '**Pinhole Assist**' that will do all the metering/calculation work for you, including reciprocity.
- Please consider joining the flickr group (<https://www.flickr.com/groups/realitysosubtle/>) and adding the photos that you make with the camera. You can also find useful discussion there.

