

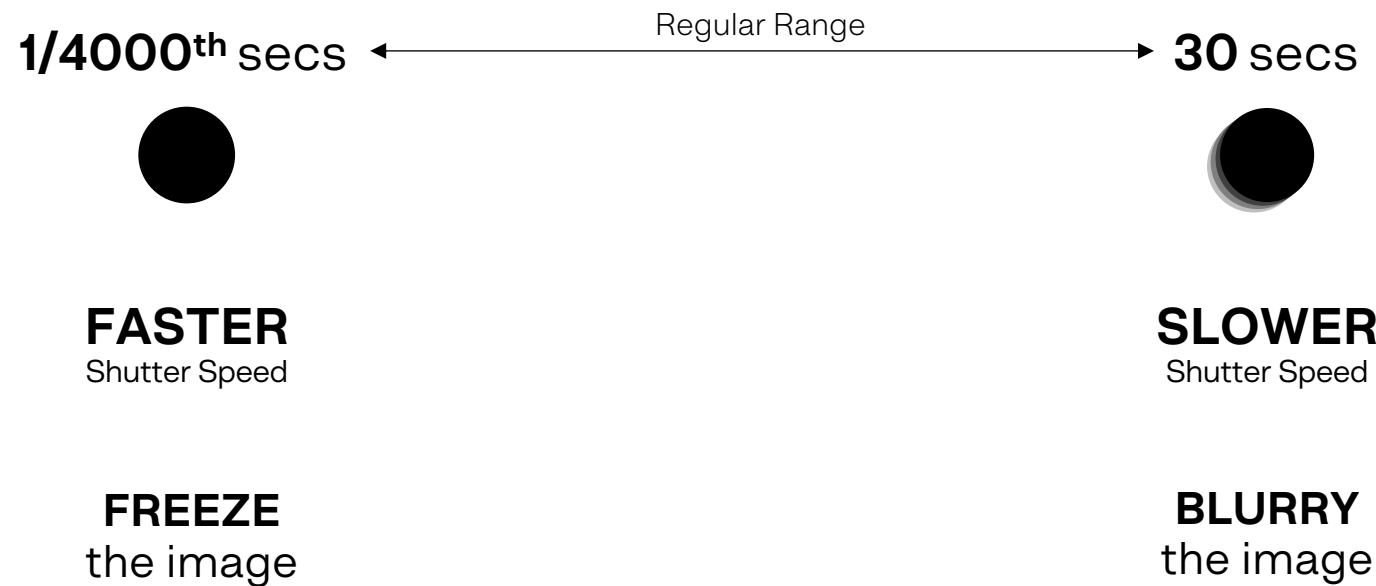


Let's talk about

Shutter Speed



Shutter Speed is the time that the **mechanical diaphragm** will be open to allow the light to reach the camera's sensor.



WHAT

IS





HOW TO CAPTURE LONG EXPOSURE

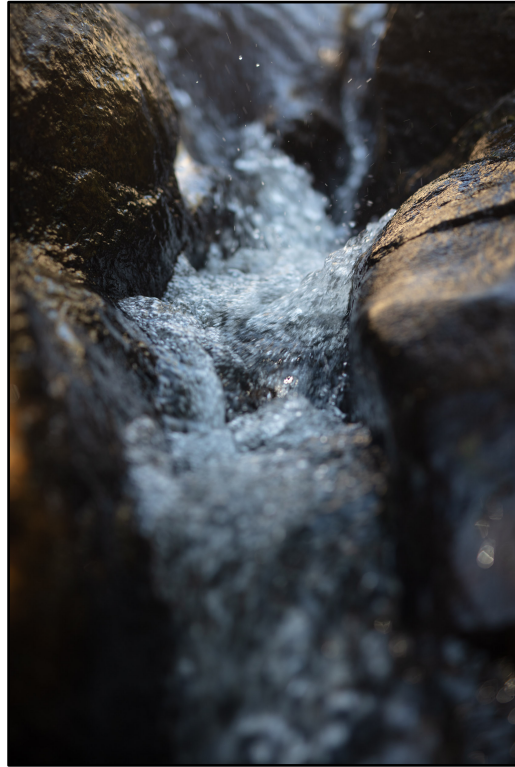
LONG shutter speed is also referenced as **exposure** images in the photography community.

LONG EXPOSURE
can create *blurry* images.

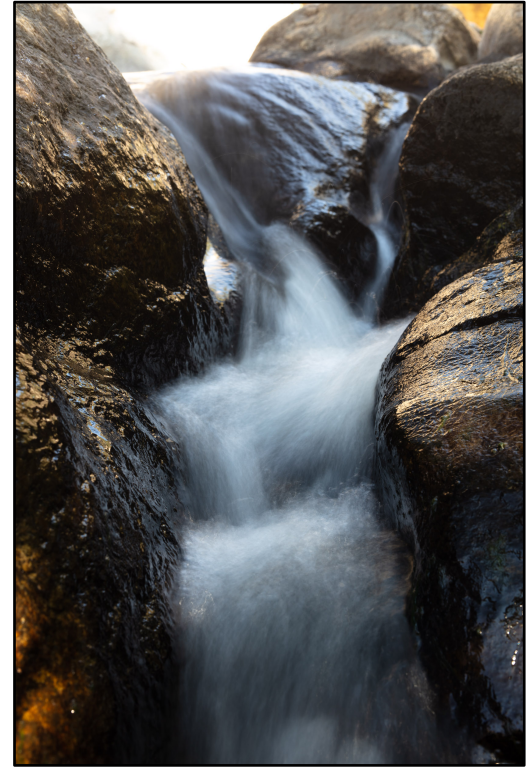
To *avoid blurry* images, it's recommended to use a **TRIPOD**. The **RECIPROCAL RULE** is another way to avoid blurry images.

This guideline says that the **SLOWEST HANDHELD SHUTTER SPEED** should be the reciprocal of the focal length of the lens. So, if you are using a 100mm lenses, the slowest exposure should be 1/100 secs.

**SHUTTER HOW
SPEED
AFFECTS
YOUR
IMAGE**



FASTER
Shutter Speed



SLOWER
Shutter Speed

BULB MODE AND LONG EXPOSURE



LOW LIGHT
conditions might require
exposure longer than
30 secs.

In those cases, you
can set the camera to

**BULB
MODE**



DOWNSIDE OF LONG SHUTTER SPEED

Long exposures usually generates digital noise. The digital noise happens because the sensor starts to warm-up.



10 minutes exposure

