

# Videography:

## Types of cameras

- ZLR (zoom lens reflex) Fixed lens
- DSLR (digital single lens reflex) Digital
- MILC (Mirror less interchangeable lens camera)



# Types of camera

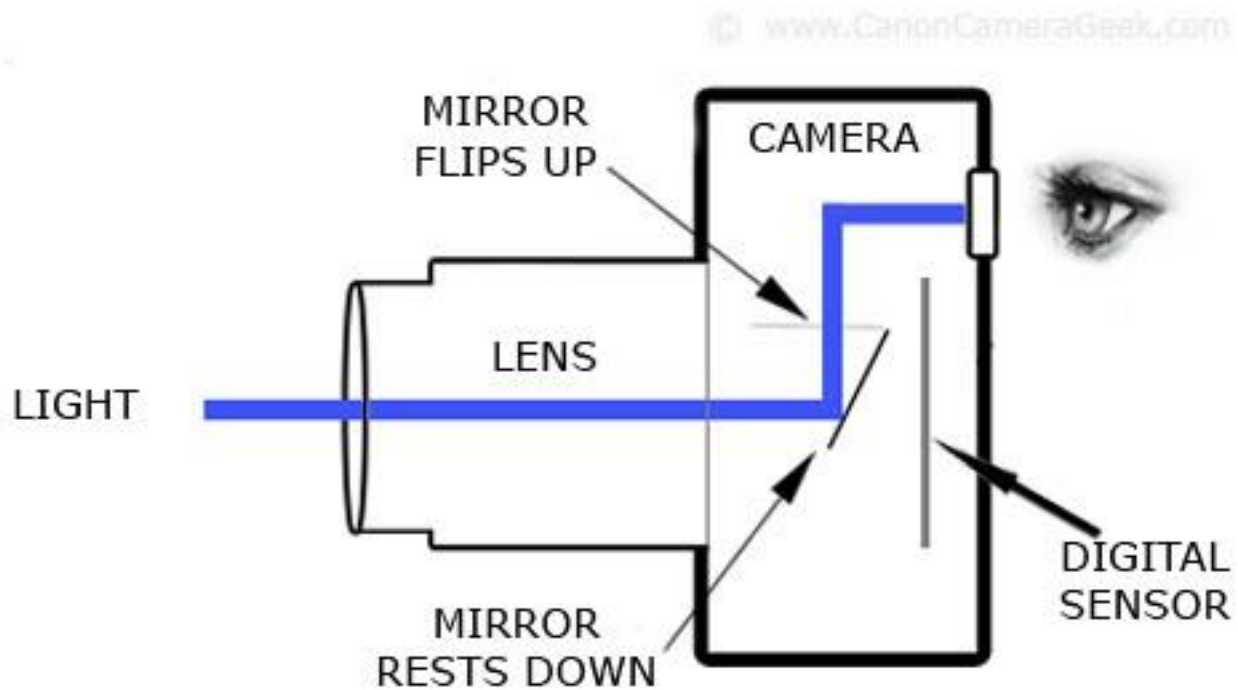
- DSLR
- Mirror less Cameras



# Helpful Accessories

- Tripod
- Mono pod
- Filters (uv filter, ND filters, colored filters etc)
- LED light
- Bag
- Lenses
- Batteries
- Chargers

# Anatomy of a DSLR



# Exposure

- For a perfect video, we need a balanced exposure.
- Not under exposed (dark)
- Not Over Exposed (over bright)

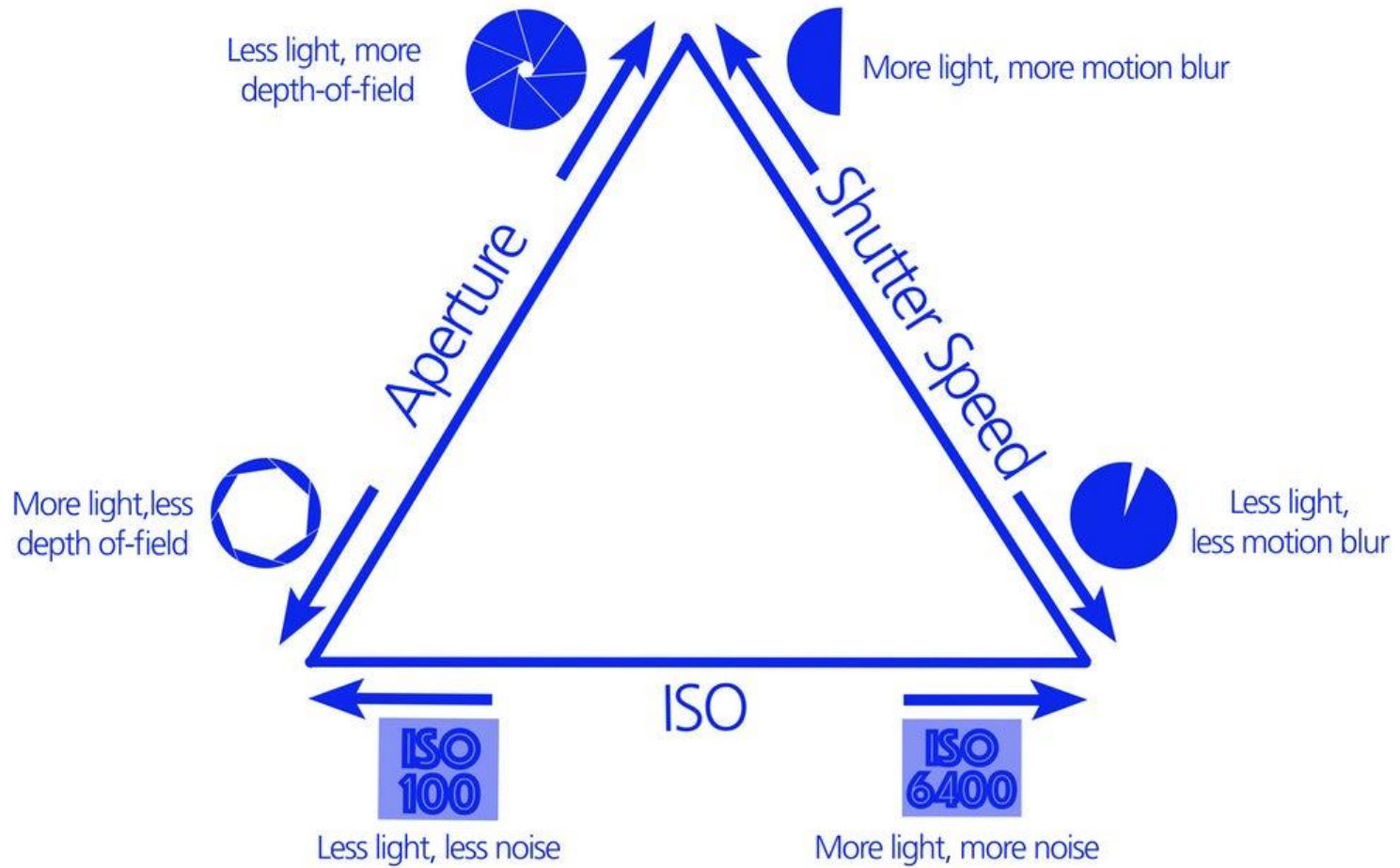
# DIFFERENT WAYS TO MAKE A GOOD VIDEO

- Control exposure
- Aperture
- Shutter speed
- ISO

# UNDER/OVER EXPOSED



# Exposure Triangle





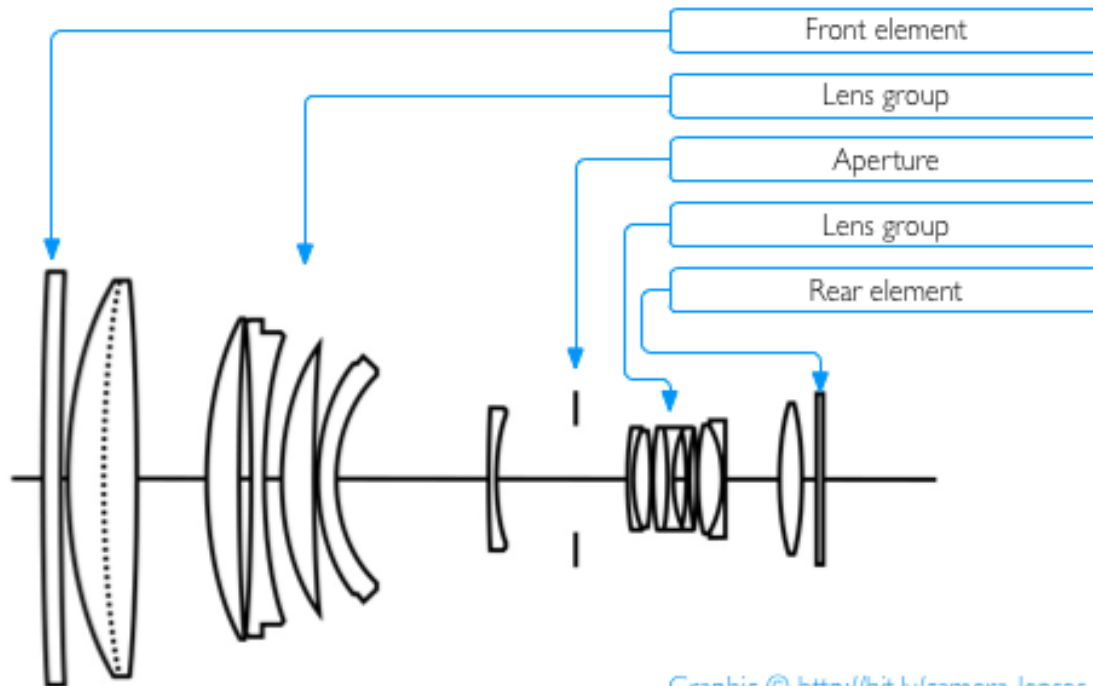
# LENS



# Lens

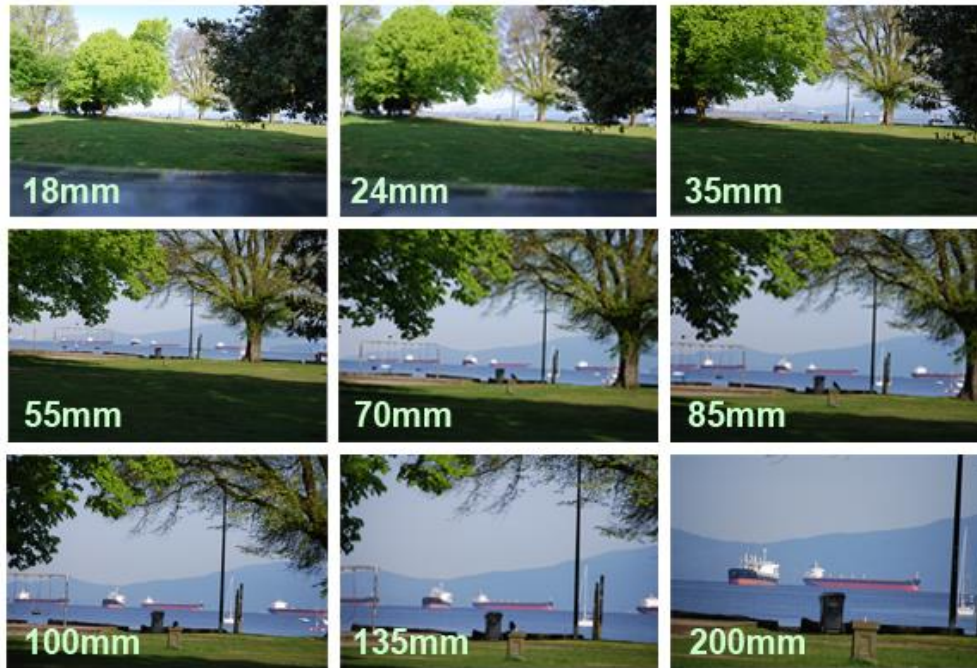
- Camera lens is the combination of different glass elements placed in front of each other

## The Anatomy of a Lens - Interior



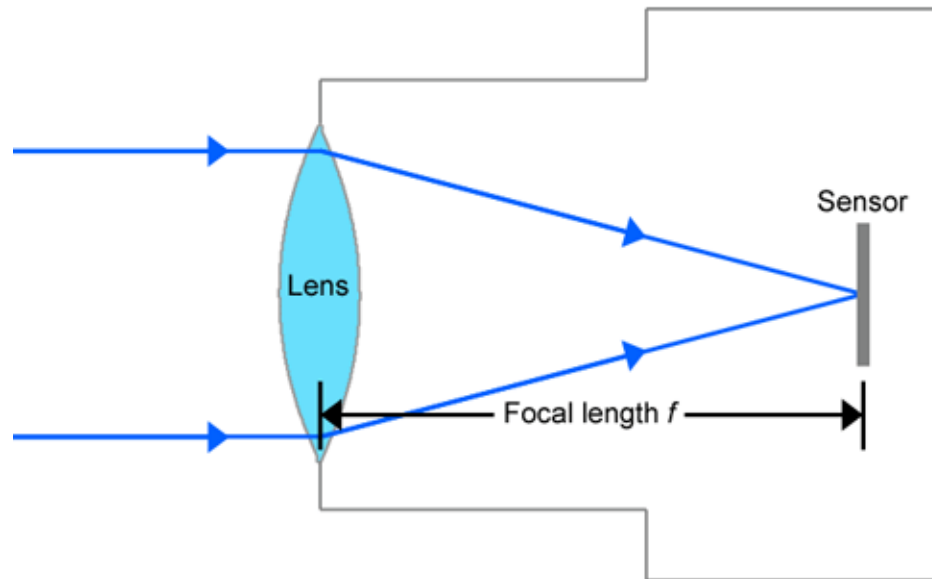
# Focal Length

- Lenses are available in different focal lengths.
- The focal length determines how much of a scene is captured by the lens.



# What is a focal length

- Focal length is the distance between the optic of lens and the sensor of camera, which is measured in mm (millimeters) for e.g 18-55mm, 18-135mm



# Types of lenses

- There are two types of lenses
- Zoom lens
- Prime lens



# Zoom lens

- A lens with variable focal length is called a zoom lens e.g:
- 18-55mm, 18-135mm, 24-70mm, 24-105mm,
- 17-50mm, 80-200mm, 70-200mm
- 15-45mm
- ETC



# Prime lens

- A lens with a fixed focal length is called prime lens.

e.g: 14mm, 24mm, 35mm, 50mm, 85mm,  
105mm

No zooming



# (wide angle/fish eye)

- Wide angle (fisheye)

A lens which capture wide view, fish eye

Zooms: 8-16mm, 10-20mm 12-24mm.. etc

Primes: 8mm 12mm,





# Standard lens/ mid range

A lens which gives u a regular view, not much wide, not much close-up

Zooms: 18-55, 18-135, 17-50, 24-105, 24-70 etc

Primes: 24mm, 35mm,,40



# Telephoto

- A lens which has a maximum focal length, that magnify or bring the object close to you.

Zooms: 70-200, 80-300 etc

primes: 105mm, 135mm, 200mm, 300mm



© The-Digital-Picture.com

