

week 2 - shot, counter shot



Lev Kuleshov, Russia
The Kuleshov Effect, 1929

Lev Kuleshov, Russia
The Kuleshov Effect

In Kuleshov's view, the cinema consists of **fragments** and the **assembly** of those **fragments**, the assembly of elements which in reality are distinct.

It is therefore not the **content** of the images in a film which is important, but their **combination**.

The raw materials of such an art work need not be original, but are pre-fabricated elements which can be **disassembled** and **re-assembled** by the artist into **new** juxtapositions.

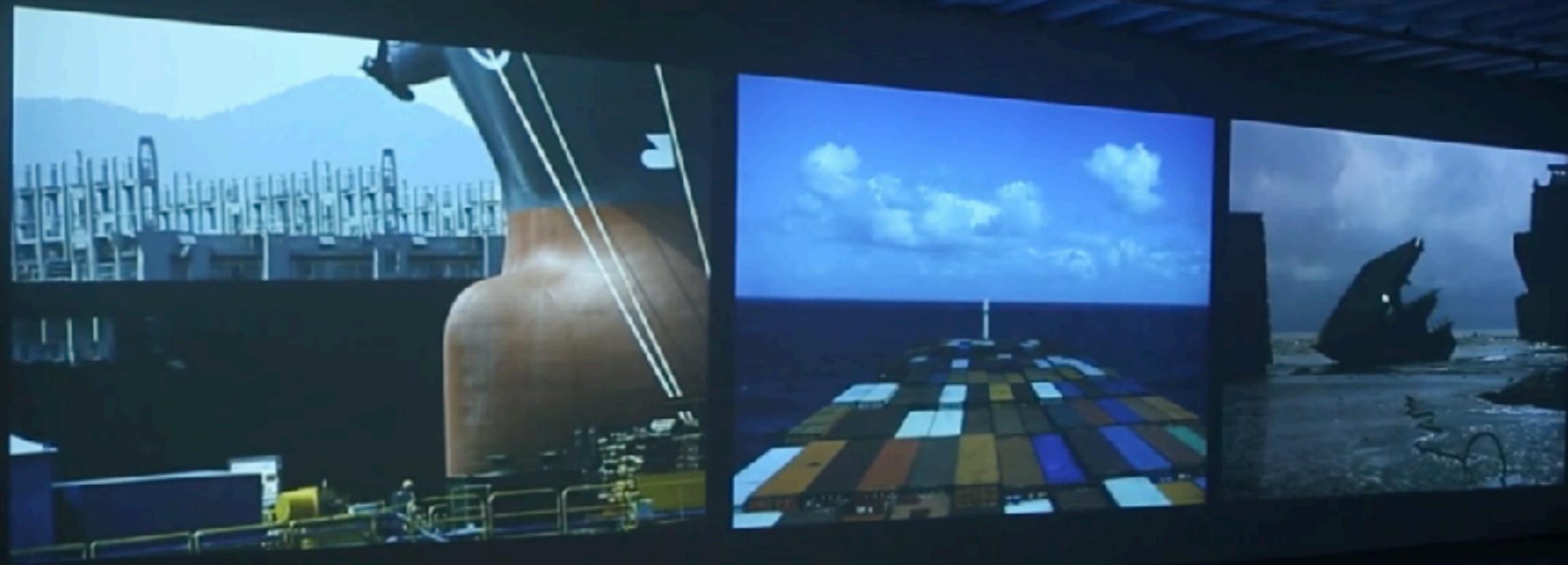
—wikipedia



New York Portrait II, 1981

Peter Hutton

16mm Film



Nature is a Discipline, Installation 2015
James Benning + Peter Hutton

shot reverse shot



Press esc to exit full screen

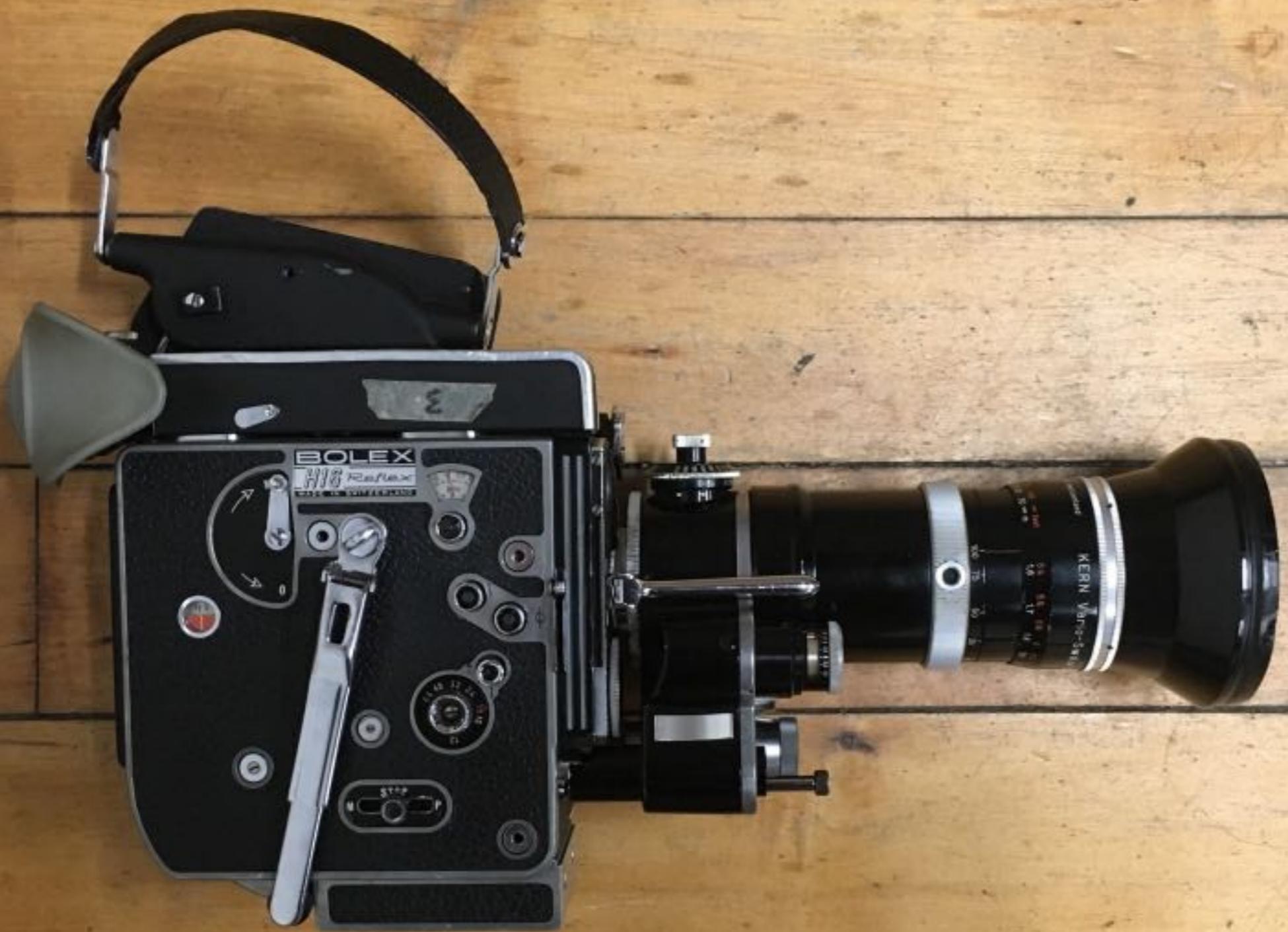


▶ ▶ 🔍 0:40 / 4:30



[Notre Musique](#), 2004
Jean Luc Godard

intro to SLR



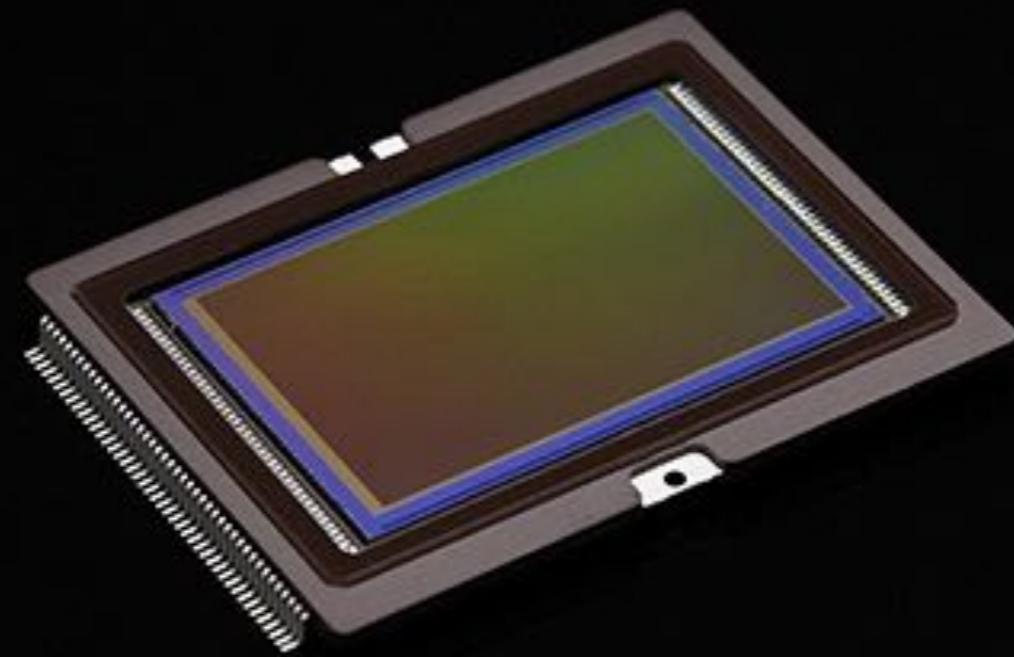
Bolex H16

16 mm film camera

ϕ

= the sensor plane

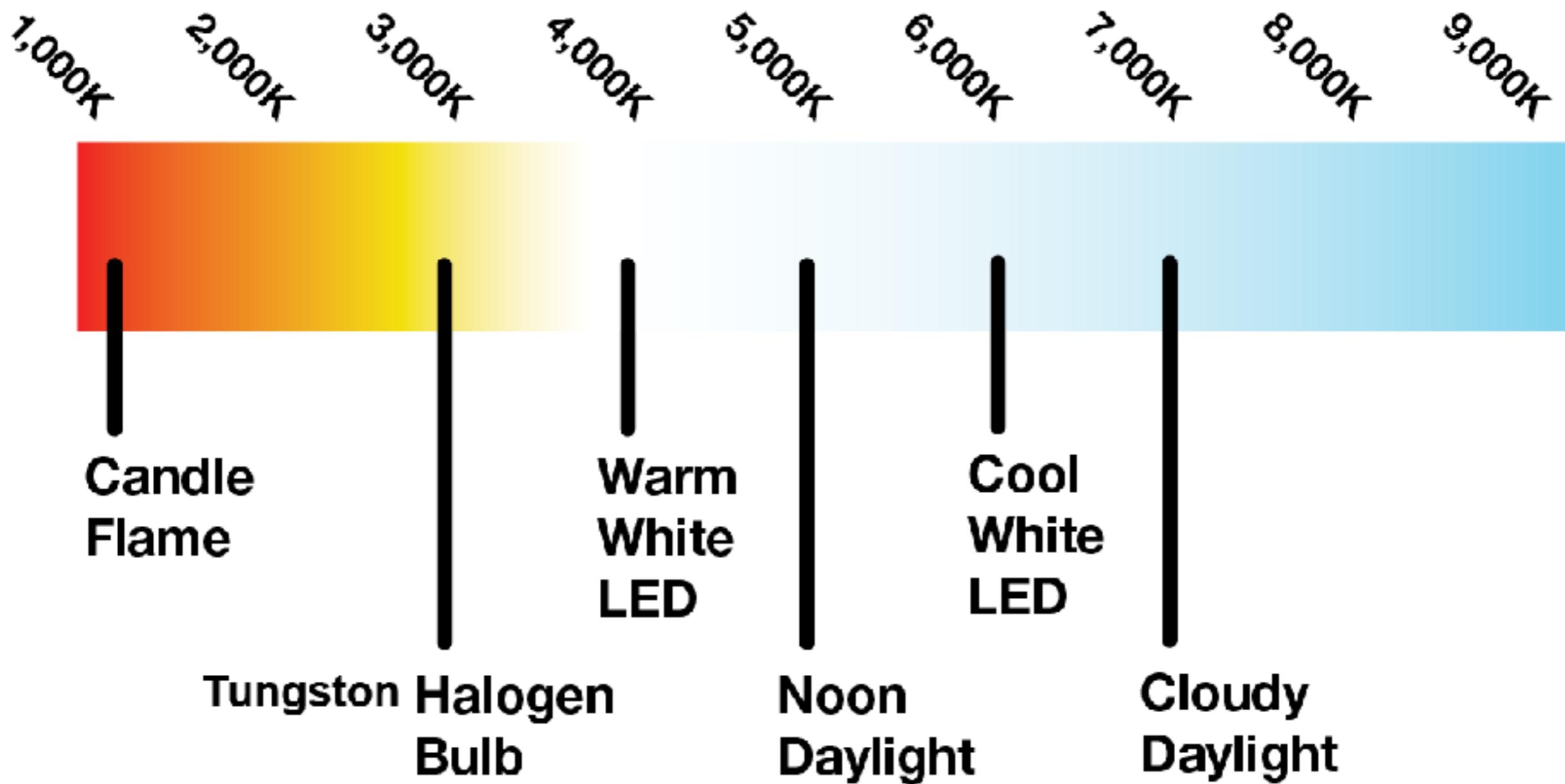
where light becomes an image, data

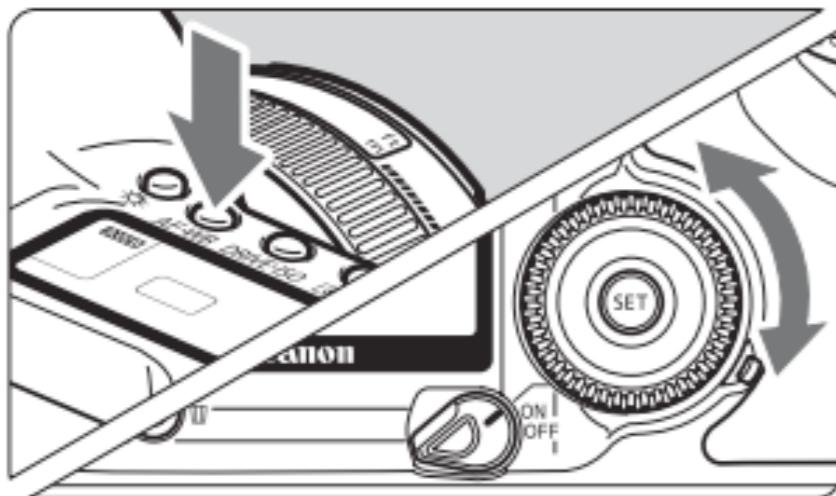


CCD Sensor

[white balance !!!!]

Color Temperature Scale (°K)





1 Press the <AF-WB> button. (p.6)

2 Select the white balance setting.

- While looking at the top LCD panel, turn the <○> dial.



Display	Mode	Color temperature (Approx. K)
AWB	Auto	3000 - 7000
☀	Daylight	5200
🏡	Shade	7000
☁	Cloudy, twilight, sunset	6000
☀	Tungsten	3200
蛍	White fluorescent light	4000
⚡	Flash	6000
◀▶	Custom*	2000 - 10000
K	Color temperature	2800 - 10000

* Set the optimum white balance manually to suit the lighting. (p.62)

p. 61-65

making video w/ a DSLR

**Frame Rate
is not
Shutter Speed !**

[let's watch](#)

Frame Rate = Images per second

Shutter Speed = Exposure of each frame

Frame Rate x 2 = Shutter Speed

30p

1/60

[vimeo tutorial](#)



only ambient light:
3200 ISO
1/30 @ f5



w/ 120 V Direct:
800 ISO
1/60 @ f 7.1

1920 x 1080 px

Art Department DSLRs:

Nikon 3200:

1920 x 1080

30 fps

H.264, Linear PCM



Canon T3:

1280 x 720

30 fps

H.264, Linear PCM



Shooting w/ Nikon 3200:



1) push the **LIVE VIEW** button



2) push the **RECORD** button

menu (□ 136):

Frame size/frame rate		Movie quality	Maximum length
Frame size (pixels)	Frame rate ¹	Maximum bit rate (Mbps) ★ high quality/Normal	
1080P 30	1920 × 1080	30p ²	20 min.
1080P 25		25p ³	
1080P 24		24p	
720P 60	1280 × 720	60p ²	20 min.
720P 50		50p ³	
424P 30	640 × 424	30p ²	5/3
424P 25		25p ³	

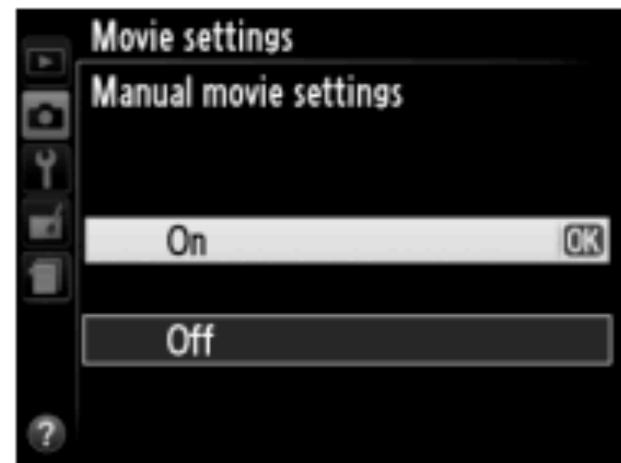
1 Listed value. Actual frame rates for 60p, 50p, 30p, 25p, and 24p are 59.94, 50, 29.97, 25, and 23.976 fps respectively.

2 Available when NTSC is selected for Video mode (□ 136).

3 Available when PAL is selected for Video mode.

Nikon

- **Manual movie settings:** Choose **On** to allow manual adjustments to shutter speed and ISO sensitivity when the camera is in mode **M**. Shutter speed can be set to values as fast as $1/4,000$ s; the slowest speed available varies with the frame rate: $1/30$ s for frame rates of 24p, 25p, and 30p, $1/50$ s for 50p, and $1/60$ s for 60p. ISO sensitivity can be set to values between ISO 200 and Hi 1 (□ 51). If shutter speed and ISO sensitivity are not in these ranges when live view starts, they will automatically be set to supported values, and remain at these values when live view ends. Note that ISO sensitivity is fixed at the value selected; the camera does not adjust ISO sensitivity automatically when **On** is selected for **ISO sensitivity settings > Auto ISO sensitivity control** in the shooting menu (□ 129).



Nikon

iso controls the amount of noise.

80

100

125

160

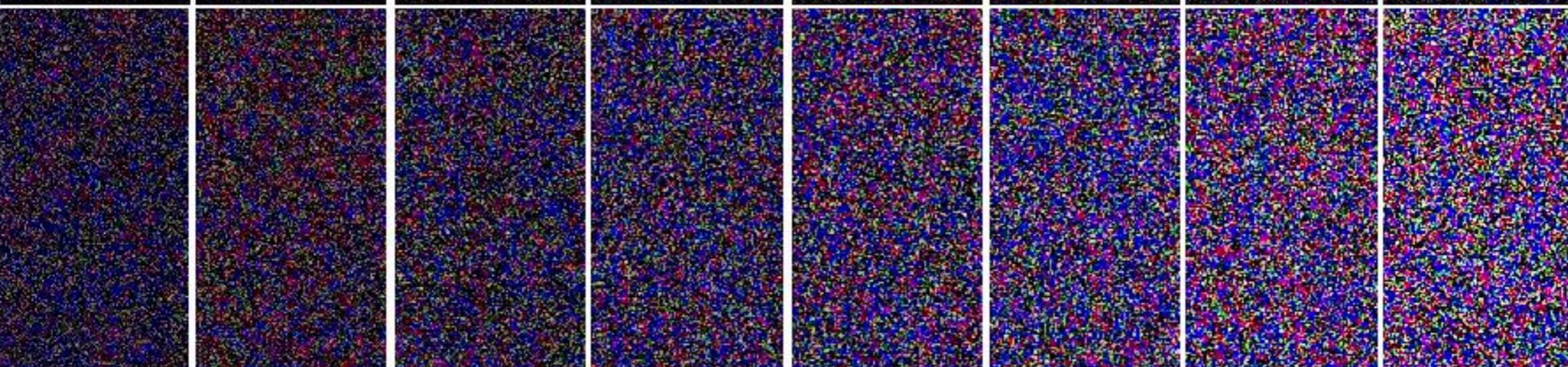
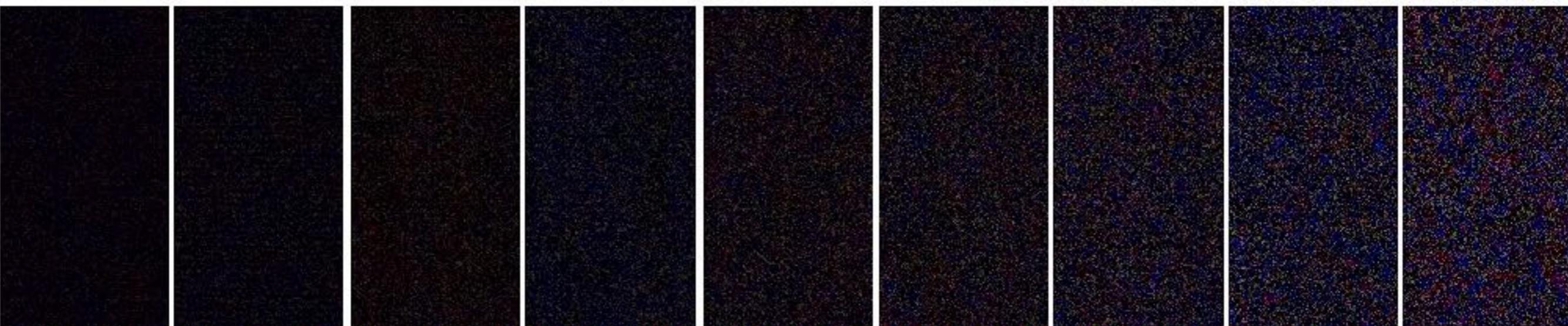
200

250

320

400

500



640

800

1000

1250

1600

2000

2500

3200

best practice is to shoot for 1/60th of second



you can not change the f Stop in **Live Mode**

(decide what depth of field you want before you begin the shot)



tripod is approx. 3" from subject



lens set at 35mm

18 mm

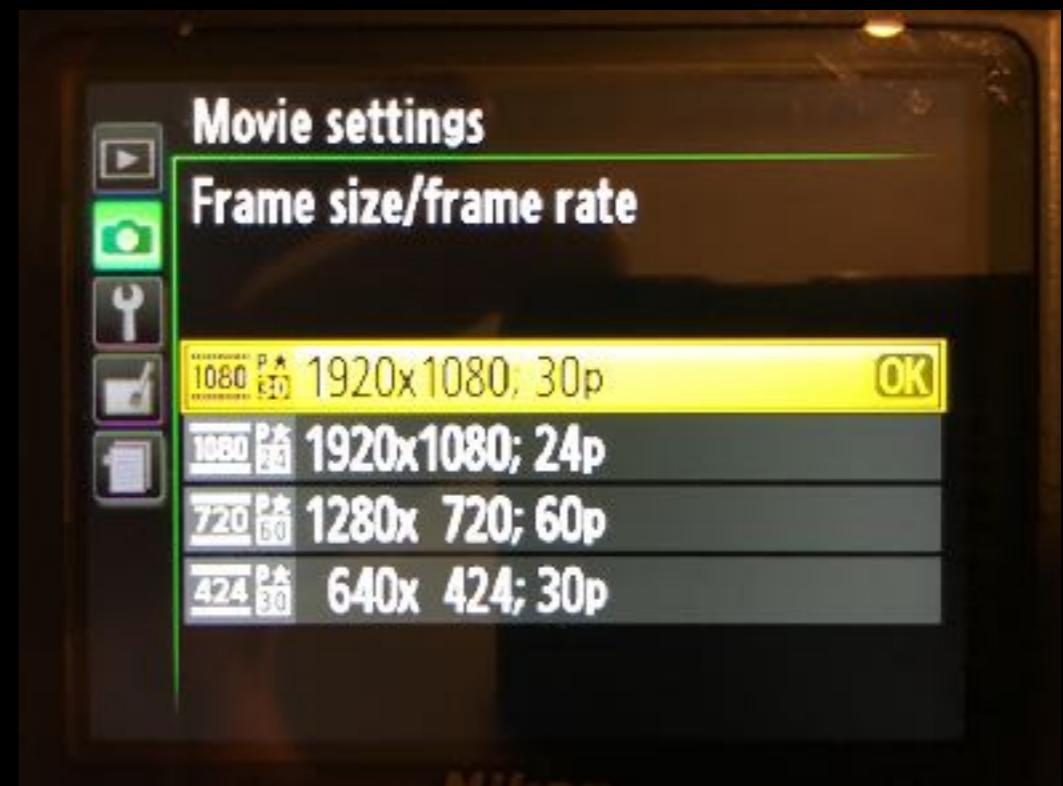


55 mm



Nikon Camera Settings:

- NTSC
- 1920 x 1080 @ 30 fps
- Manual movie settings - TURNED ON
- Manual Focus



★ live mode
★ live mode
★ live mode

- ★ live mode
- ★ live mode
- ★ live mode



today shooting tests:

Using a DSLR + tripod practice shooting still video. This is practice for your first project which you will have to shoot this week - in order to edit in class next week.

Take note of each of your settings for each shot. You will share with the class when we come back at 9pm.

- white balance
- ISO/ASA
- Frame Rate (30 fps!!!)
- Shutter Speed
- Aperature
- Manual focus?

Project 1

Project 1 is a THREE CHANNEL VIDEO. How can you create an interesting installation with three different videos playing either sequentially or at the same time? Each shot should be about 30 seconds long. Think of it as a visual essay. The camera must be entirely still + any motion come through the frame. You must use a tripod to shoot - if you do not your project will be deducted one letter grade. There will be very little editing required, but you will need to know and exercise the video schedule + workflow: reserving a camera + tripod, DSLR shooting, uploading from your SD card, importing footage into Adobe Premiere, cutting your video + sound channels + exporting your finished .mp4 files as 1920 x 1080 with Adobe Premiere. Project 1 will be due at the end of class next week.

For next week: shoot your video footage for Project 1. Come to class ready with your SD card to upload, edit + export your project.