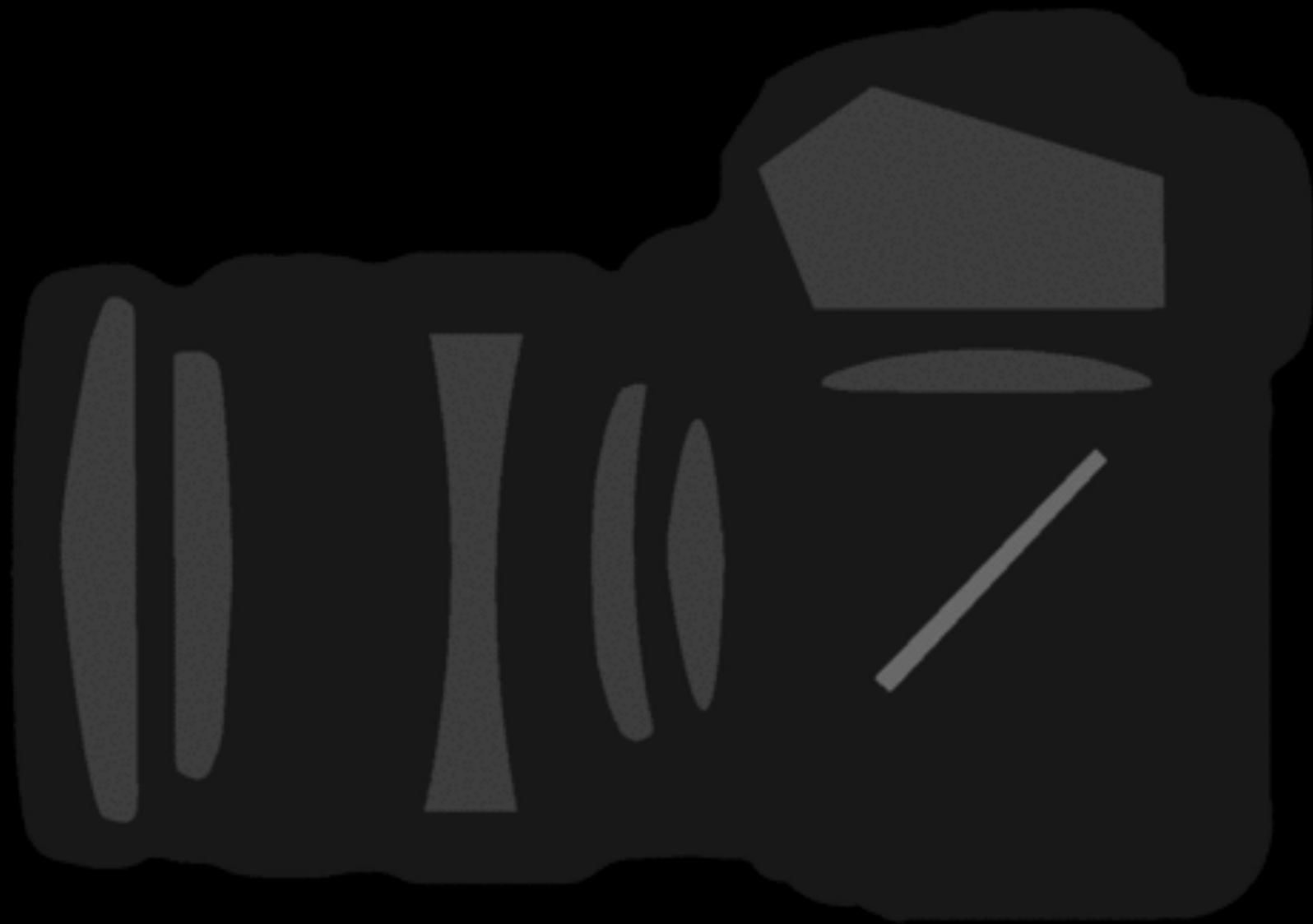


Φ

= the sensor plane

where light becomes an image, data



D-SLR
Digital Single Lens Release

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:

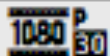
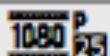
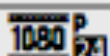
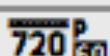
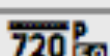
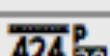
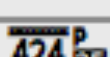


1) push the **LIVE VIEW** button



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)	
	1920 × 1080	30p ²	24/12	20 min.
		25p ³		
		24p		
	1280 × 720	60p ²		
		50p ³		
	640 × 424	30p ²	5/3	
		25p ³		

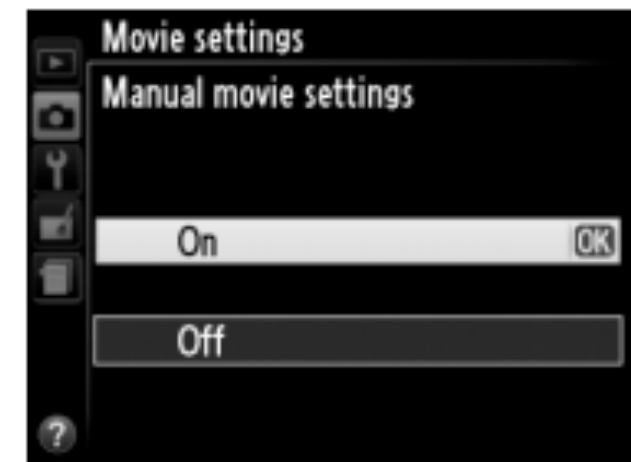
1 Listed value. Actual frame rates for 60p, 50p, 30p, 25p, and 24p are 59.94, 50, 29.97, 25, and 23.976 fps respectively.

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 $\frac{1}{4,000}$ s; the slowest speed available varies with the frame rate: $\frac{1}{30}$ s for frame rates of 24p, 25p, and 30p, $\frac{1}{50}$ s for 50p, and $\frac{1}{60}$ 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).

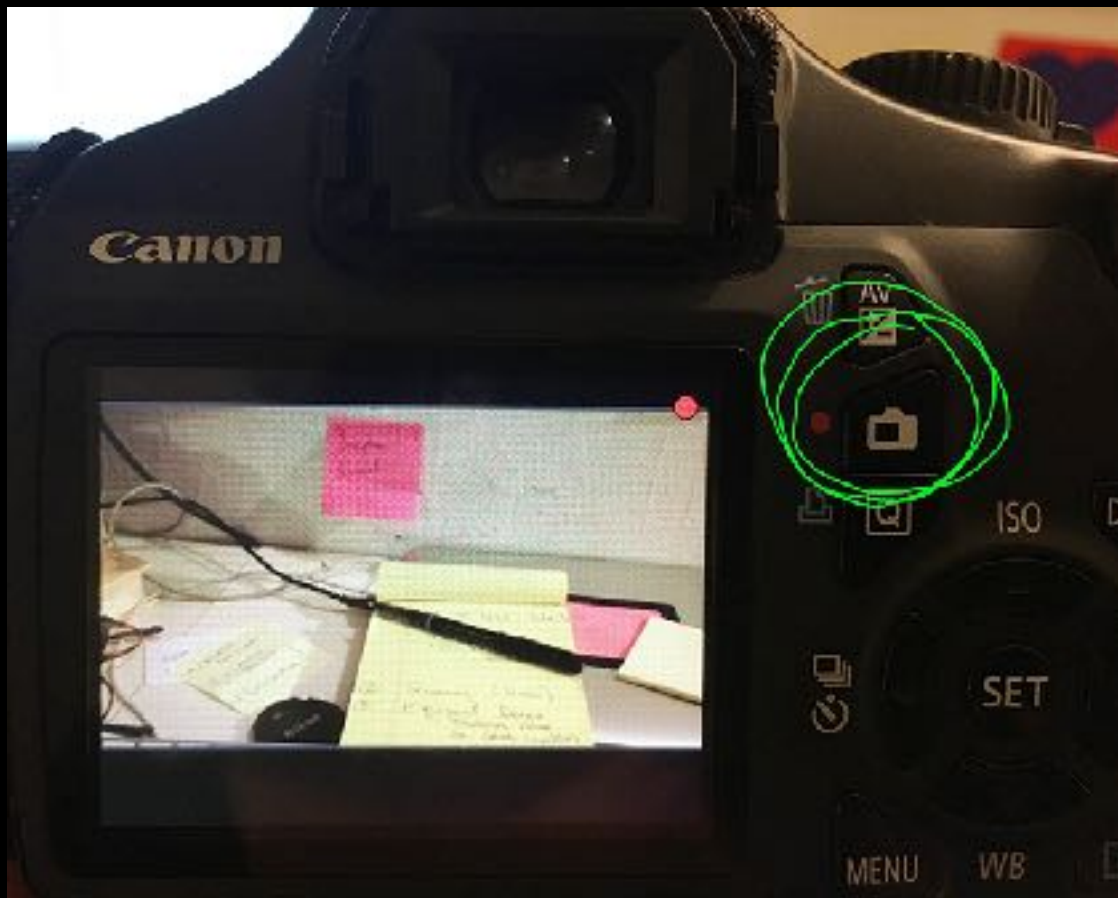


Microphone: Turn the built-in or optional ME-1 stereo microphones (📖 91, 177) on or off or adjust microphone sensitivity. Choose **Auto sensitivity** to adjust sensitivity automatically, **Microphone off** to turn sound recording off; to select microphone sensitivity manually, select **Manual sensitivity** and choose a sensitivity.

Shooting w/ Canon T3:



1) set dial to **MOVIE** mode



2) push the **RECORD** button

Total Movie Recording Time and File Size per Minute

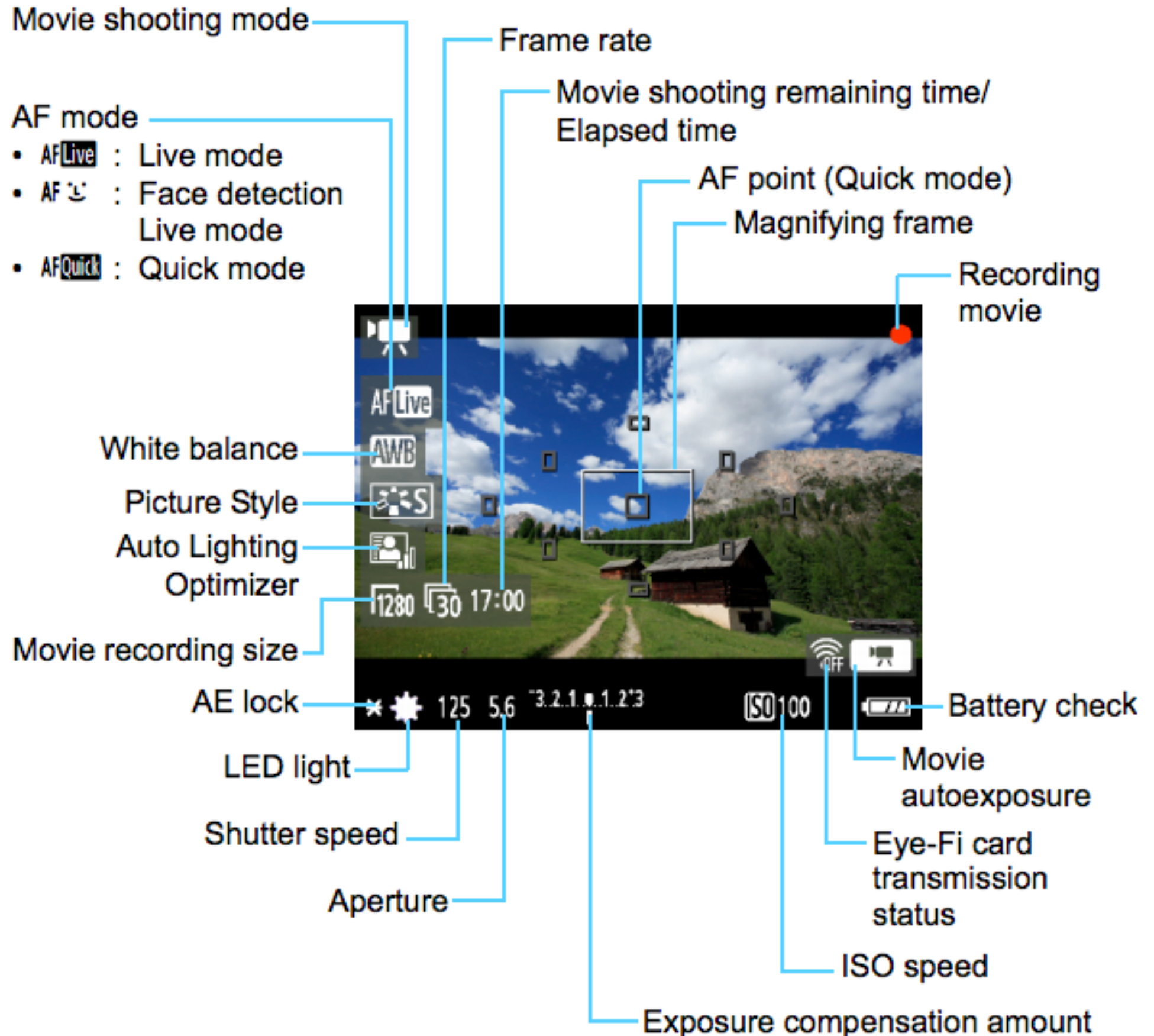
- Due to the file system, movie shooting will stop automatically if the file size of a single movie clip reaches 4GB.
- You can immediately resume shooting another movie by pressing the <  > button. (A new movie file starts being recorded.)

Movie-recording Size	Total Recording Time (approx.)			File Size (approx.)
	4GB Card	8GB Card	16GB Card	
[1280x720]  	17 min.	34 min.	1 hr. 8 min.	222.6 MB/min.

- **Sound recording**

When the sound recording is set to [**On**], sound will be recorded by the built-in monaural microphone. The sound recording level will be adjusted automatically. An external microphone cannot be used.

- Each time you press the <DISP.> button, the information display will change.



Canon