

Photography Pholks

Final Week

What we will cover:

- White Balance
- File Types: jpeg, RAW, TIFF, PSD
- Bracketing
- Exposure Compensation

White Balance

White Balance







If color film is not designed for certain kinds of light, a filter must be installed on the end of the lens



White balance

Auto





AWB



Shade



Tungsten



Sunny



Cloudy



Fluorescent

White balance is a function of a digital camera used to compensate for different colors of light being emitted by different light sources. In digital photography the term is generally used to describe a function of a digital camera that allows you to calibrate the device to correctly display the color white. Once this calibration has been done, the camera should then display other colors correctly as well.

File Types

RAW vs. JPEG

- RAW files are massive and hold the most information
- Cannot set White Balance on RAW – White Balance is adjusted in post production
- Files cannot be opened without certain software
- Professionals use RAW all the time – files are better quality and white balance is not an issue
- JPEGs (Joint Photographic Experts Group) are compressed Files – take up less space
- White Balance must be monitored and adjusted as necessary
- Files can be opened anywhere
- You can use JPEG or RAW in this class



MENU

JUMP



Quality

3888x2592

L

L

M

M

S

S

RAW+ L

RAW

Av



ISO



SET



CF

WB

PSD and TIFF

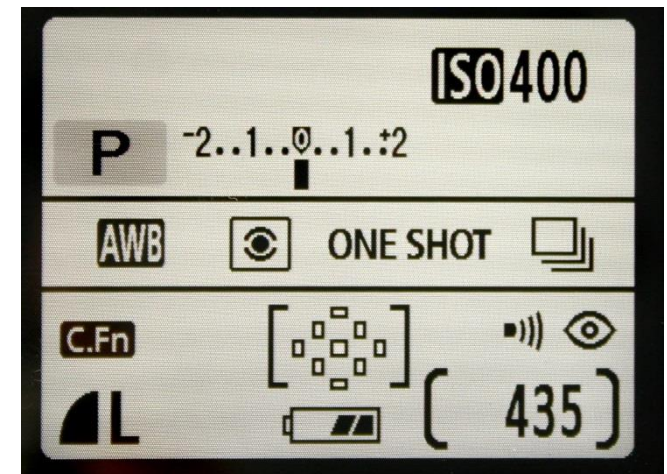
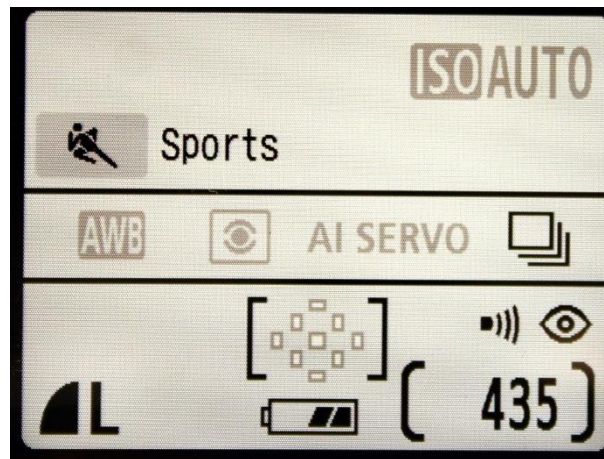
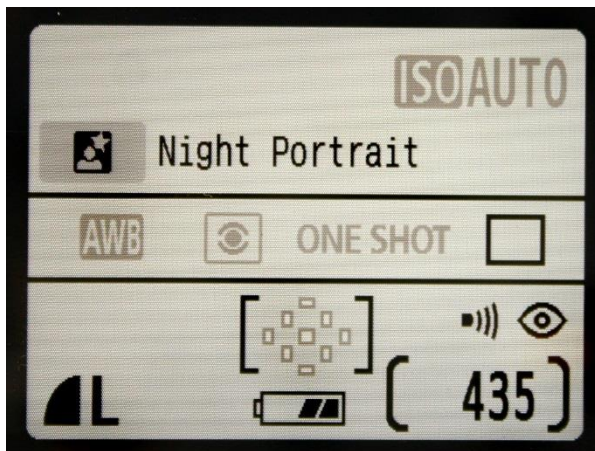
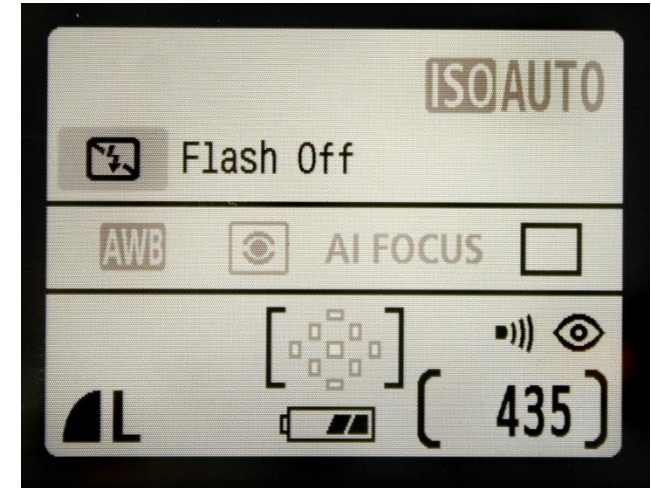
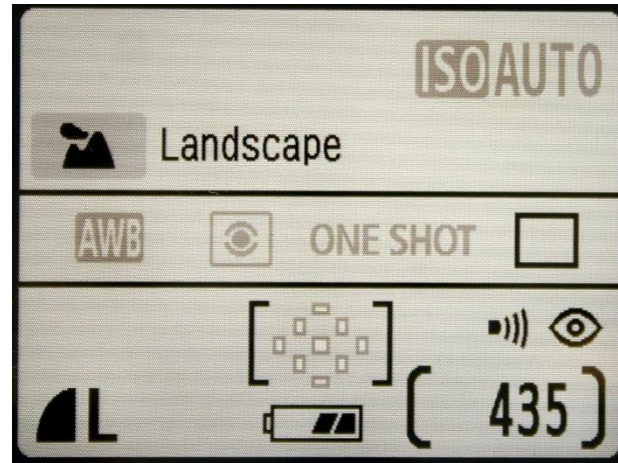
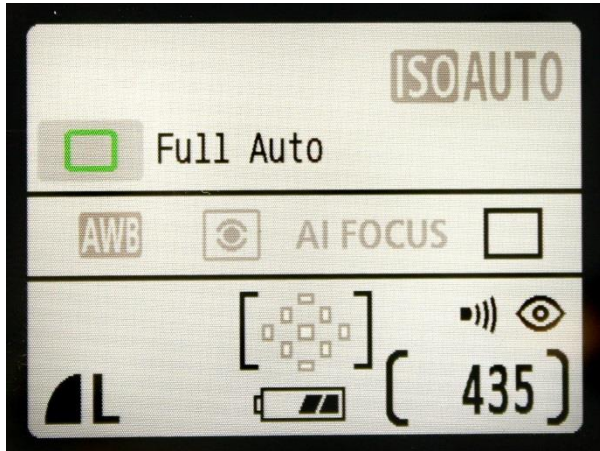
- PSD = Photoshop Document
- Save any image you have edited on Photoshop as a PSD (File > Save As > PSD)
- It has all of your edits and the file is large
- TIFF = Tagged Image File Format
- Does not compress files like JPEGs do – good to store your files as TIFFs
- File conversion can be done in Photoshop (File > Save As > TIFF)

Bracketing and Exposure Compensation

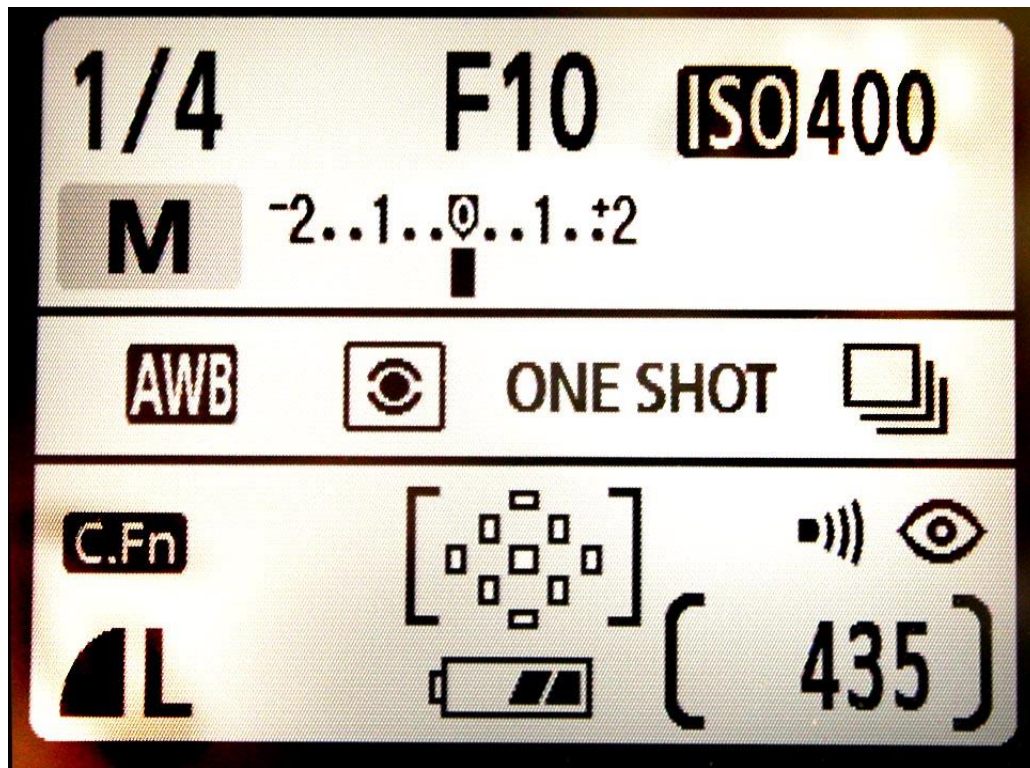
Shooting Modes



Some Auto Modes



Manual Mode – Most Control



- Shutter is usually changed by moving the dial
- Aperture is usually changed moving the dial while holding the +/- button also might have the aperture symbol next to it



For Shutter on Manual Mode

Dial

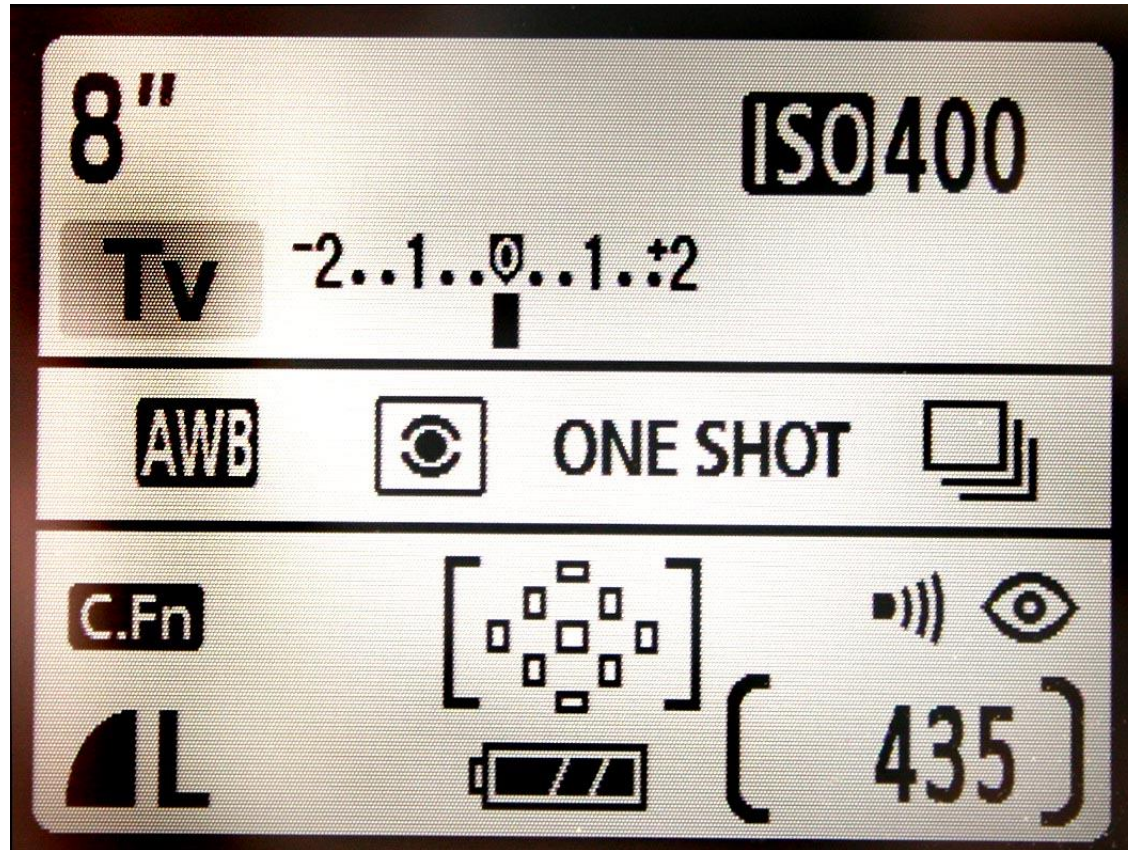
For Aperture on Manual Mode



Push this button while moving the dial

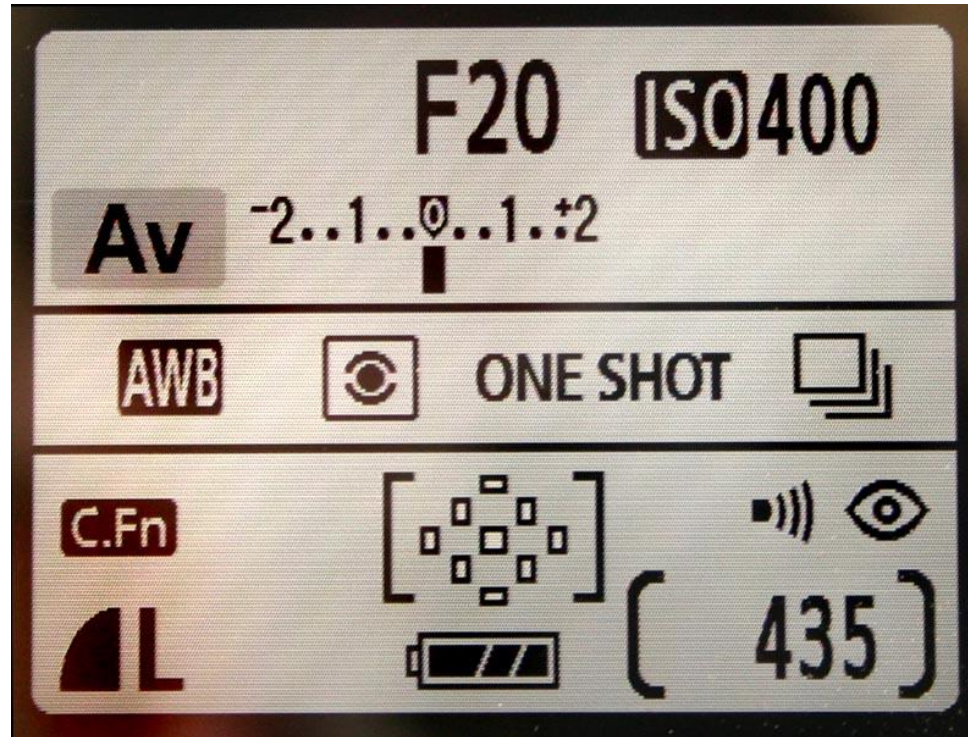


S or Tv Mode (Shutter Priority or Time Value Mode)



You set shutter speed, camera sets the aperture

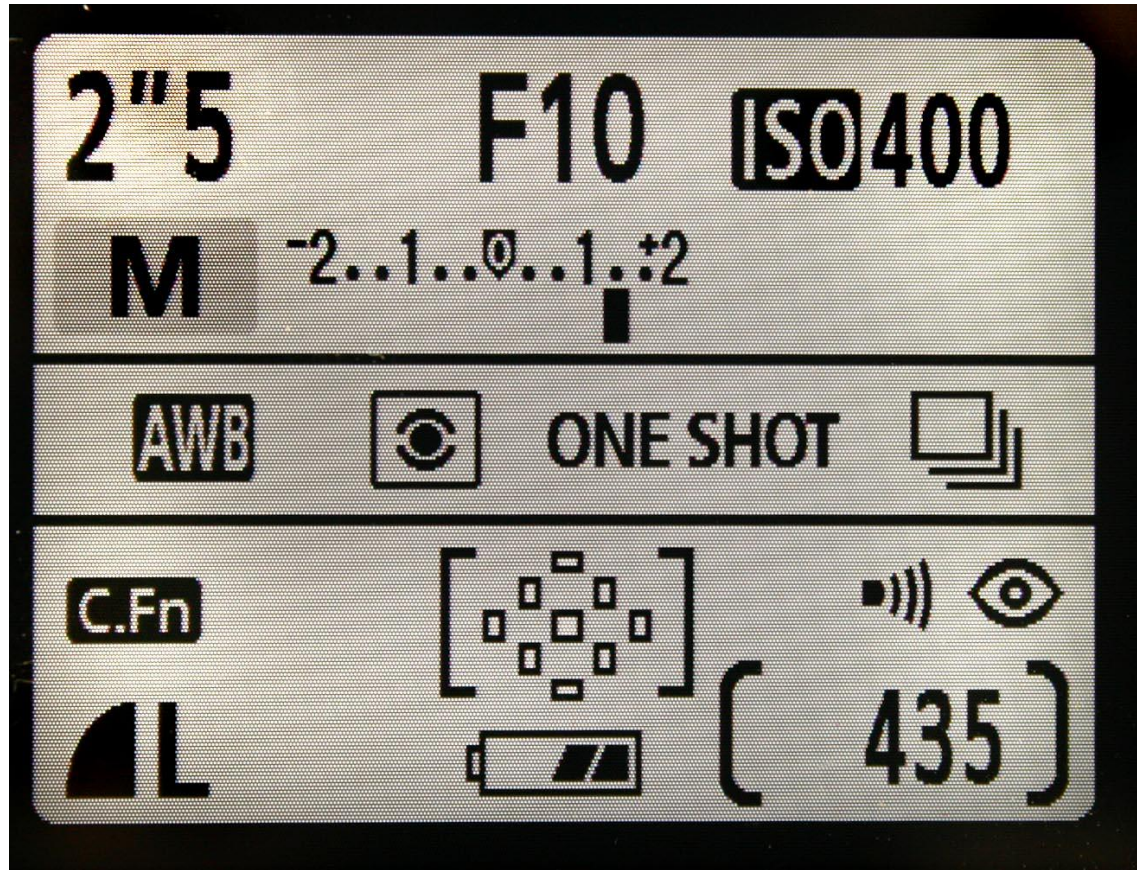
A or Av (Aperture Priority or Aperture Value Mode)



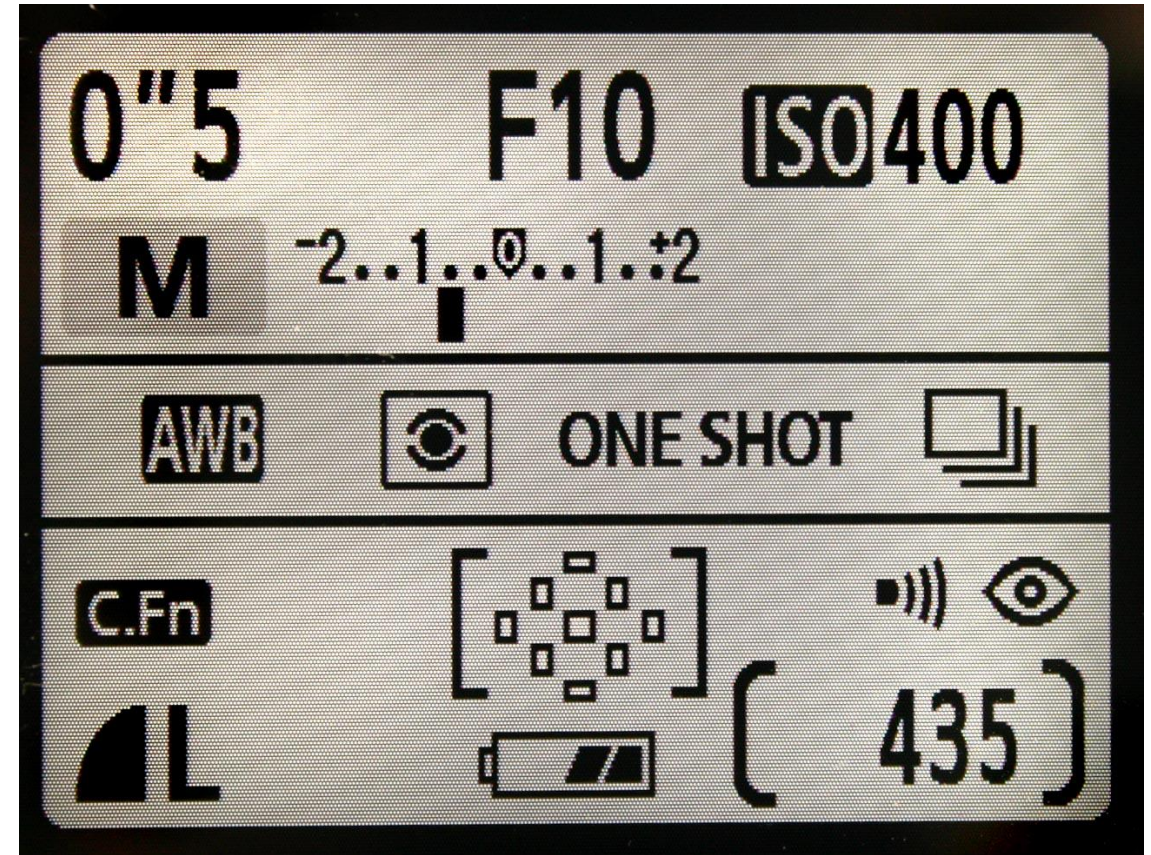
Change aperture by moving dial

You set aperture, camera sets the shutter speed

1 1/3 Stop Over Exposure



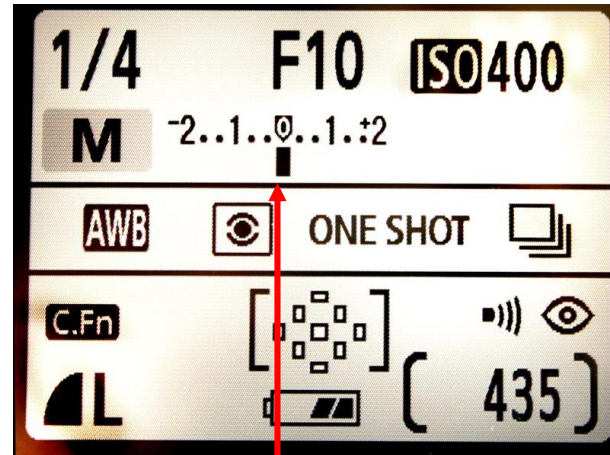
2/3 Stop Underexposure



Bracketing



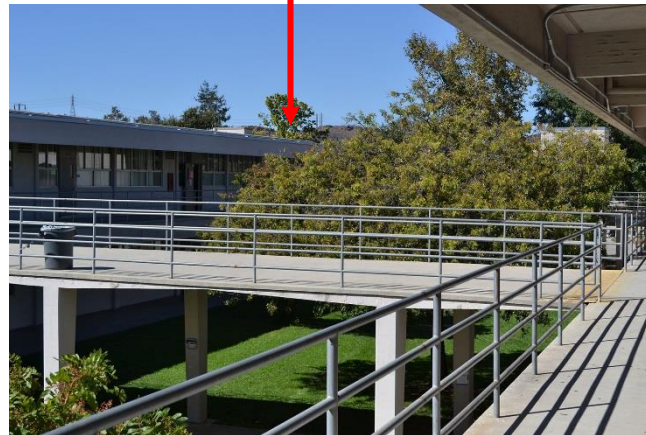
-1



+1



-2



0

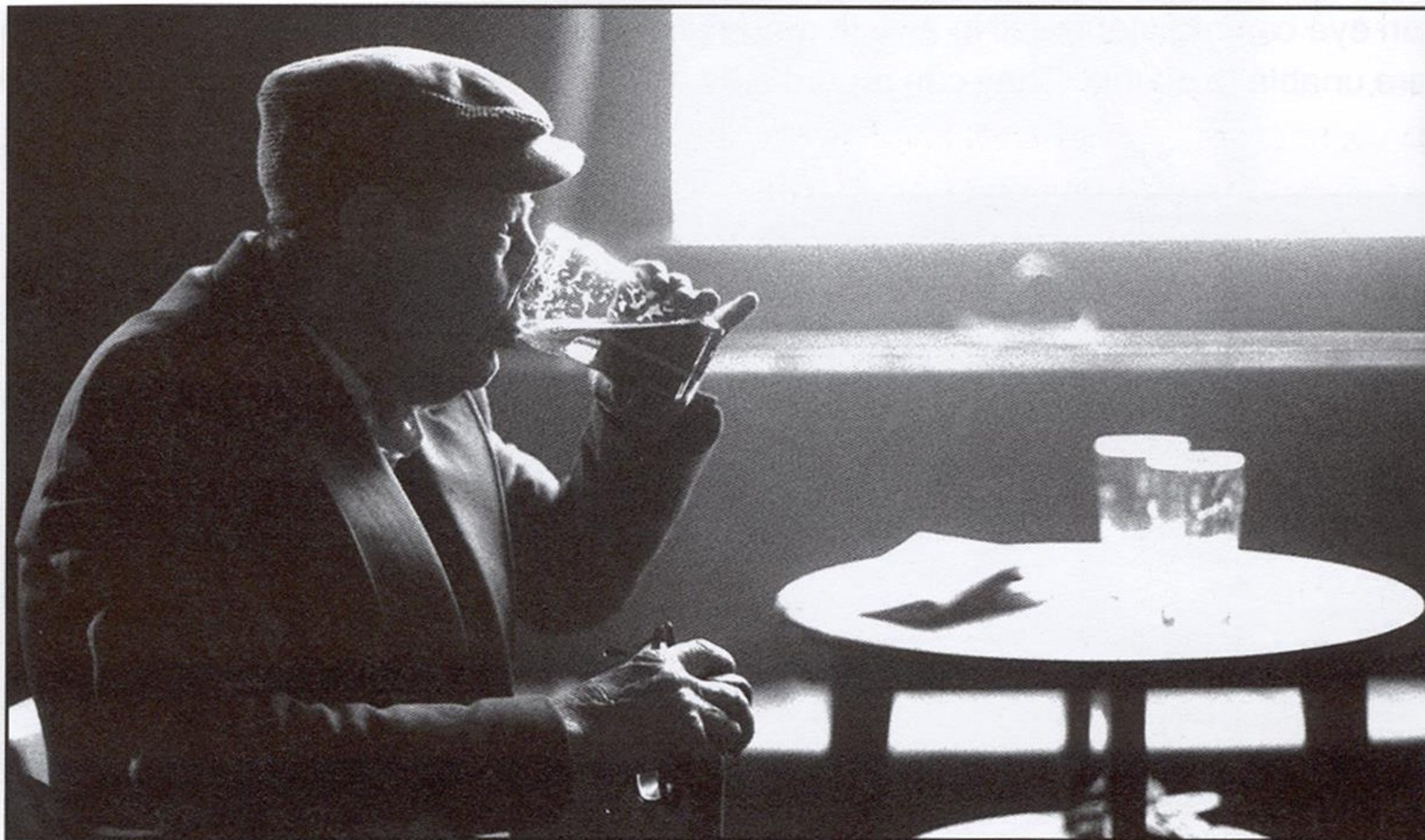


+2

Exposure Compensation while on Program, S (Tv), or A (Av) Modes



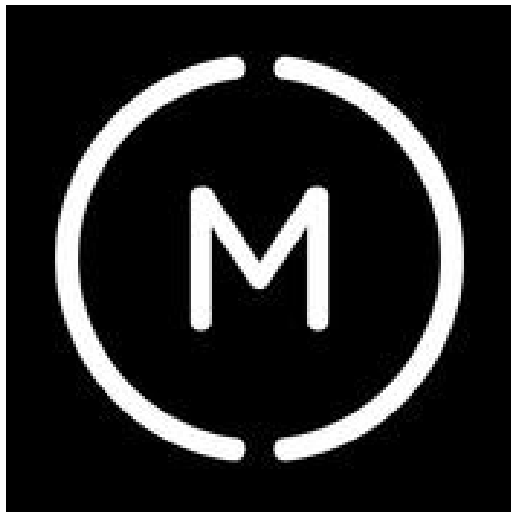
- Hold +/- button while moving dial
- This current displayed setting would overexpose every shot by one stop



The Rhondda - Mark Galer

Good apps for smartphones and tablets that allow you to control exposure compensation

Moment



Camera+

