

## Android: Camera & Photos Terminology & Resource Guide

- **Aspect Ratio**- is the relation of the width of your finished picture to its height. Usually expressed as something like 16:9 or 3:2, the first number is the width and the second is the height. Common choices are 16:9 and 4:3. A 16:9 aspect ratio gives your pictures that widescreen look, while a 4:3 setting is a more traditional print style.
- **Exposure**- is a measurement of light based on the shutter speed, lens aperture, and illumination.
- **Frame**- The area on the screen in which the picture is viewed. Adding gridlines to the frame makes it easier to get your subjects.
- **Flash**- The major purpose of a flash is to illuminate a dark scene. Other uses are capturing quickly moving objects or changing the quality of light.
- **Geotagging/Location Tags**- is when your phone uses your location and embeds it in image data when you take a picture. Apps can use this information to see where (and when) you took a particular photo. It also can let anyone who knows how to look at the data of a picture to know exactly where the picture was taken.
- **HDR**- (High Dynamic Range) is a setting in the camera app to capture more detail from bright and dark areas in your photo.
- **ISO**- Is the sensitivity of your camera to light. The lower the number, the less sensitive the sensor is to light, and the higher the ISO number, the more sensitive it is to light.
- **Timer**- is an automatic shooting mode that counts down and then takes a photo.
- **White Balance (WB)** - is the process of removing unrealistic colorcasts, so that objects, which appear white in person, are rendered white in your photo.

### Books

- [\*Smart phone smart photography: simple techniques for taking incredible pictures with iPhone and Android\*](#) by Jo Bradford
- [\*The smartphone photography guide: shoot, edit, experiment, share\*](#) by Peter Cope

### Online Video Tutorials with Lynda.com (sign-in with your library card number and pin [here](#))

- Mobile Photography Weekly
- Creating online video with Android Phones

### Website

- **Smartphone Photography 101**- <https://photographyconcentrate.com/introduction-to-smartphone-photography/#tab-con-13>
- **How to use manual mode**- <https://www.androidauthority.com/manual-mode-mobile-photography-984189/>
- **11 Free Android Camera Apps**- <https://fossbytes.com/best-android-camera-apps/>