

Composition Aspect Ratio related to different image sensor's size**Assoc. Prof. Dr. Ahmed Gamaleldin Belal**

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Photograph design is an original part of it, and the creativity of the photographer depends on its ability to use the elements of the image to produce creative design, using these elements innovatively. The contemporary technological development has helped to create the image faster, and less time, not only when photography exists, Grid), but gave some cameras the possibility of cutting and modifying and even work on the image on the inside of the camera, and with the potential of broadcasting from the camera on the computer or mobile via Wi-Fi has become both photography and the transfer of the image quickly and directly from the location of photography to anywhere in the world does not constitute No difficulty like the previous.

Technology is the key to photography, and its integration with the eye of creative photography produces original and innovative images, and with the development of digital processing programs for photographs such as Photoshop has been integrated some of the characteristics that enabled the rapid access to a distinctive photographic balance, but a number of factors helping to produce more innovative images accurately And faster.

The size of the sensors varies depending on the manufacturer of the devices producing the digital image, whether it is a camera or a mobile phone.

The problem of research is the definition of innovative strategy to produce and improve the level of innovation in the balance of the image through the integration of both technology and photography using the program Photoshop to provide a picture visually integrated and the extent of the possibility of applying the rules of configuration on all sizes of sensors and the main question is whether the application of theories and practices of composition with different The size of the sensations of a rectangle of a square as well as the difference of proportions of rectangles from one factory to another.

In the research results, we find that technology is an integral part of creating a photographic image in our digital work. It encourages innovation by studying design, especially balancing, using the golden ratio, the primary element in any base of the composition, which helps to solve the problem of creativity and access to a distinct original production. And we are convinced that creativity is not affected by the different sizes of sensors, which ultimately leads to the difference of the final image.

The research focuses on how to produce an integrated balance in the digital photo, despite the different length ratios of the presentation of different sensations, which is an crucial rooting for the production of any image Most of the photographers use the camera to make pictures without attention to the fundamentals of the rules of composition and even after the imaging and digital processing processes. The researcher will also focus on increasing the efficiency of innovation to create innovative images.

In the end, the researcher will apply the findings of five applications to prove it and work a paper questionnaire for specialized referees to reach the results and conclusion.

Keywords: balance photography, balance, digital photography, creative photography, golden ratio, golden triangle, photoshop, sizes of shots.