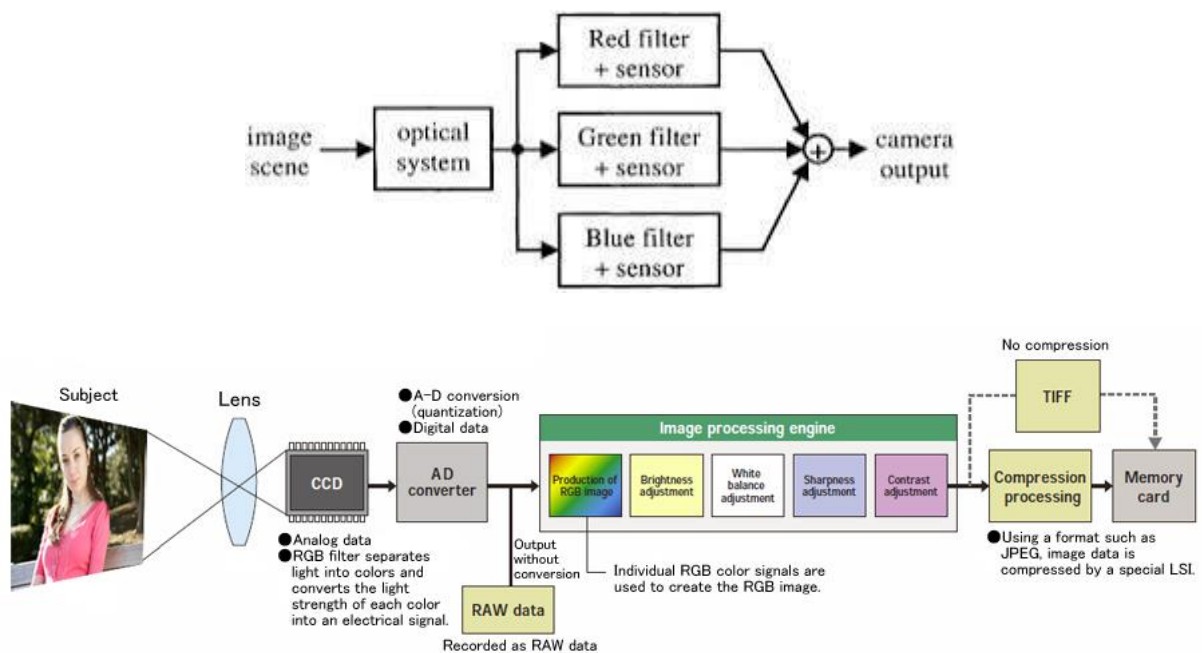


The Digital Camera

Digital imaging devices, such as digital camera, contain built-in image processing systems for applications such as computer vision, and multimedia and surveillance.

Simply converting an analog image that is captured by the CCD into digital data does not create a digital image. Only after the image processing engine performs a variety of calculations on a huge amount of digital image data can we see a completed color image. Since this processing is directly related to color accuracy, image detail and shooting performance, it ultimately determines the digital camera's performance level.



A digital camera's image quality is determined by three elements: lens performance, CCD image sensor pixel count and performance, and image processing engine performance.

Digital image quality is determined by:

