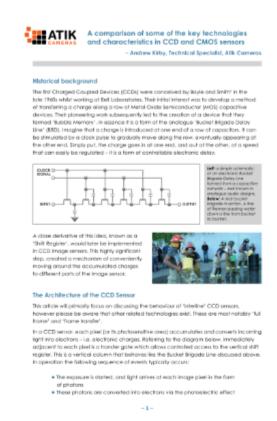


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## A Comparison of Some of the Key Technologies and Characteristics in CCD and CMOS Sensors

To assist in choosing the right technology for an application, this paper covers: • Historical background • Architecture • Improvements • Binning • Fill factor • Full well depth and capacity • Dynamic range • Frontside and backside illumination • Shutter types • Noise • Quantum efficiency • Image artifacts

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