



Transitioning from CCD to CMOS

The ON Semi sensor discontinuation and your vision system. Let us **help** you find the right replacement camera for your vision system.



Even though the market has been slowly transitioning from CCD to CMOS, the ON Semi CCD sensor discontinuation caught a lot of us off-guard.

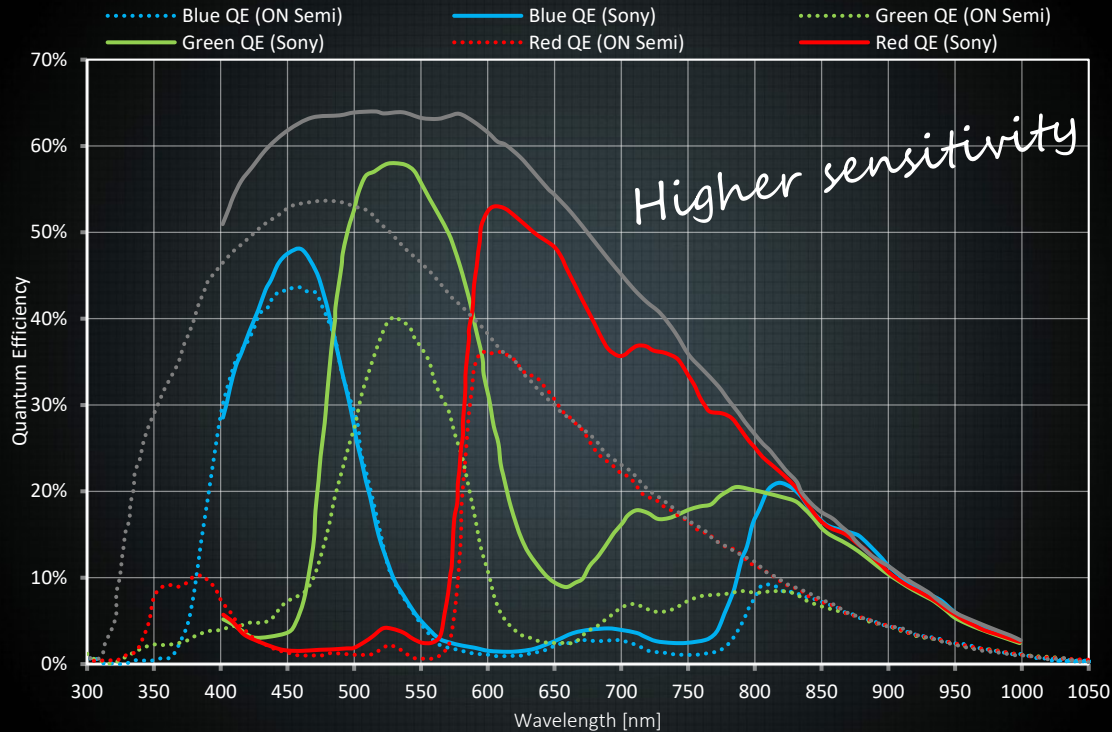
We understand the impact that this will have on your vision system. Allied Vision is committed to **helping you** find the right camera-sensor to mitigate the impact of this change.



Due to the unique KAI CCD sensor specifications it may be difficult to find a direct 1-to-1 replacement. Allied Vision has a wide range of CMOS-based alternatives in our camera portfolio.

Although these models might differ in specifications like resolution, optical format, pixel size, or frame rate, our sales and support engineers will **help** you find the best solution.

On a positive note, CMOS sensors will have **long-term availability**.



Lets have a look at a new CMOS sensor compared with a CCD sensor.

The Sony IMX342 (CMOS) offers several advantages over the ON Semi KAI-29050 (CCD) including higher quantum efficiency, dynamic range, and spatial resolution which results in **outstanding image performance**.



Choosing the right camera/sensor combination to replace your current CCD-based system will have challenges but we are here to **help**.

As your trusted advisor we will focus on what counts ... you and your vision system.

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