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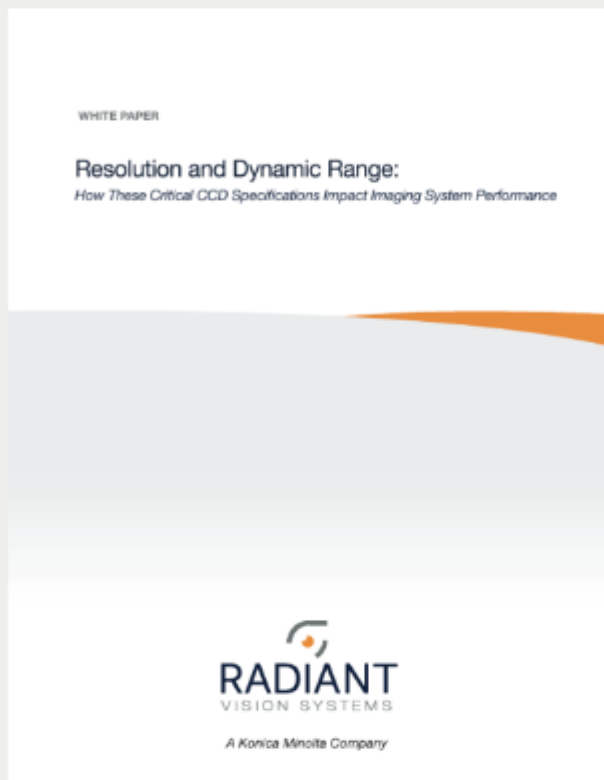


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Resolution and dynamic range are two important specifications when evaluating the capabilities of an imaging colorimeter, yet they are easily misconstrued. The assumption is that the higher the camera resolution, the higher the dynamic range, the better the image quality. Upon closer scrutiny, the details of these specifications, the way they are reported by manufacturers, and the way they affect each other make them more complex than they seem. This paper clarifies these critical values to provide an improved understanding of their implication for 2D imaging applications.

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