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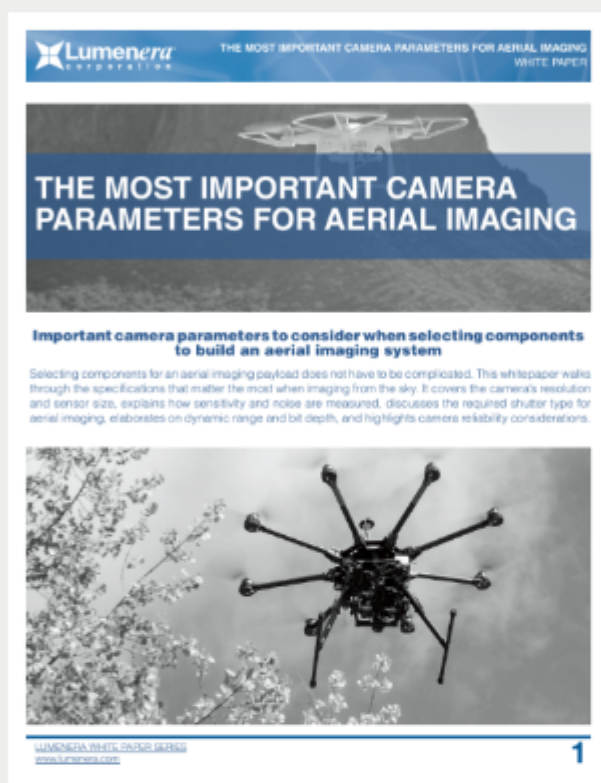


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The Most Important Camera Parameters for Aerial Imaging

Selecting components for an aerial imaging payload does not have to be complicated. Although the right camera choice is crucial for an aerial imaging system, the key to a success is to focus on the specifications that matter the most when imaging from the sky. This document walks through those camera-specific factors to help you decide. It covers why the camera's resolution and sensor size matter; explains how sensitivity and noise are measured and where these parameters come into play with the imaging payload; discusses the ideal shutter type for aerial imaging; and elaborates on how dynamic range and bit depth work together to provide the right image.

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