

Trimble Forward Motion Compensation



Trimble (CA, USA) has introduced forward motion compensation (FMC) capability for its Trimble Aerial Camera. The new capability compensates for the forward motion of an aircraft during data capture allowing a 2x increase in maximum flight speed and up to a 3 stop decrease in shutter speed compared to aerial cameras without FMC for typical flight altitudes and camera lens. The announcement was made today at the 2010 Intergeo Conference and trade fair.

The Trimble Aerial Camera is a ruggedized metric camera in 39- and 60-megapixel models for capture of Red Green and Blue (RGB) and Color Infrared (CIR) imagery. Purpose-built for aerial metric photogrammetry and easily integrated either standalone or as part of an aerial laser scanning system, the camera is suitable for project mapping, spot

updates, and corridor mapping. Interchangeable lenses provide the flexibility to select the best flight altitude and field of view for each project.

The Forward Motion Compensation option will be available in the fourth quarter of 2010 through Trimble's GeoSpatial sales channel. Current owners of Trimble Aerial Cameras can upgrade to FMC capability.

<https://www.gim-international.com/content/news/trimble-forward-motion-compensation>
