Alticam 14
Enhanced ISR turret for Integrator™

Alticam 14 provides market-leading image collection capabilities for this class of unmanned aircraft. Designed from day one to integrate seamlessly with the Integrator air vehicle system, customers can now experience the resolution and clarity of airborne imagery that previously has only been available in higher-priced and larger-weight platforms.
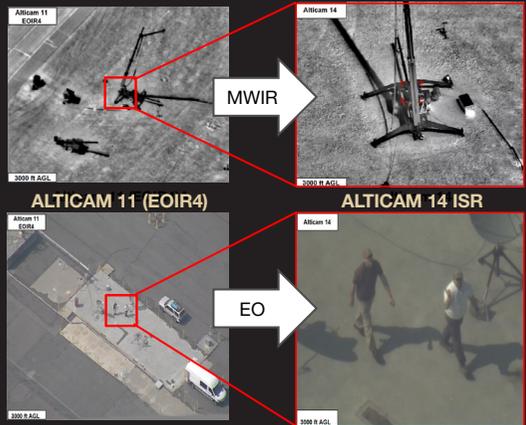
Why Alticam 14?

Enhanced imagery

Alticam 14 achieves dramatic improvements in ground sample distance and standoff range when compared to existing systems available on the market today. Multi-sensor turret includes Electro-Optic (EO) and Mid-wave Infrared (MWIR) telescopes for superior Intelligence, Surveillance and Reconnaissance (ISR) and the highest resolution multi-spectral imagery yet.

ALTICAM 11 (EOIR4)   ALTICAM 14 ISR

Multi-imager, multi-feed software

No more flipping. See simultaneous imagery streams, allowing for intuitive consumption of imagery data. Choose any two of the sensors on board and see them displayed simultaneously.

Bandwidth efficient encoding profiles

Bandwidth is always contested. Maximize the utility of your bandwidth by utilizing the system's use-adjustable parameter set, enabling direct control of the encoders.

Maritime auto-gain

When your mission is over the water, our auto-gain automatically adjusts the image parameters to ensure you can collect and visualize the maximum amount of useful data.

Specifications

Image quality:	+ EO continuous zoom field of view 0.13 – 31.5 degrees (Telescope optical FOV 0.13 degrees) + MWIR continuous zoom field of view 0.65 – 22 degrees (Telescope optical FOV 0.65 degrees)
Modalities:	+ Electro-optic + Mid-wave Infrared + Continuous zoom telescope optics + Laser Rangefinder
Other benefits:	+ Multiple, simultaneous video streams + Picture-in-picture display option + Bandwidth profiles for efficient bandwidth utilization + High-definition imagers + Digital video output + MISB-compliant metadata streams + Maritime auto-gain

To learn more about how Alticam 14 and the rest of the Insitu family of products and services can satisfy your intelligence, surveillance and reconnaissance requirements, please contact us at **solutions@insitu.com**.

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