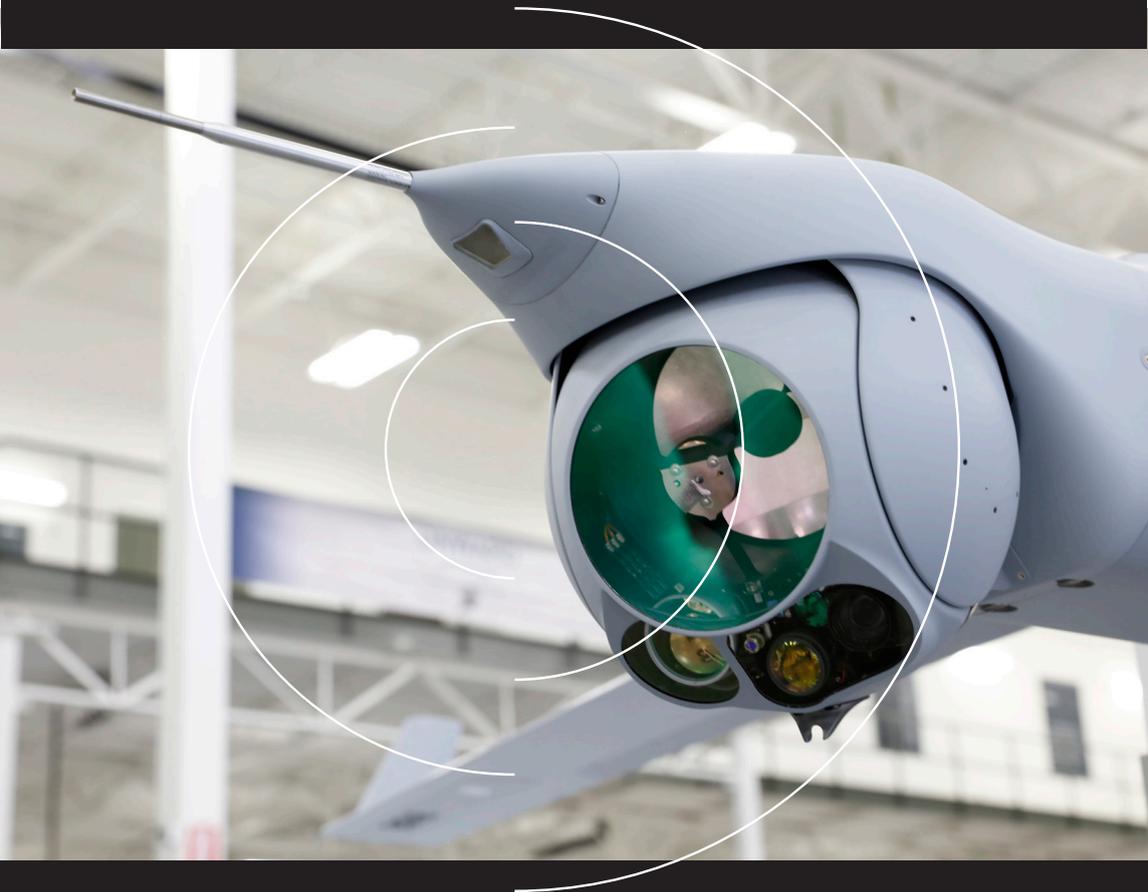


Alticam 14

Enhanced ISR turret for Integrator™ UAS



The Alticam 14 advanced UAS payload provides market-leading full motion video collection and advanced targeting capabilities for Integrator unmanned aircraft. Through this groundbreaking achievement in design and engineering, customers can now utilize the high resolution, enhanced telescope and superior laser designation targeting capabilities previously only available in larger, higher-priced platforms.

Developed and produced with Hood Tech Corporation, Alticam 14 represents the latest in a long line of successful collaborations and integrations onto Insitu aircraft.

—
Decision-making
superiority delivered



Why Alticam 14?

+ Enhanced imagery

Discern details through unprecedented ground sample distance imagery from a Group 3 UAS. Continuous zoom from wide view to telescopic.

+ Visibility through obscurants

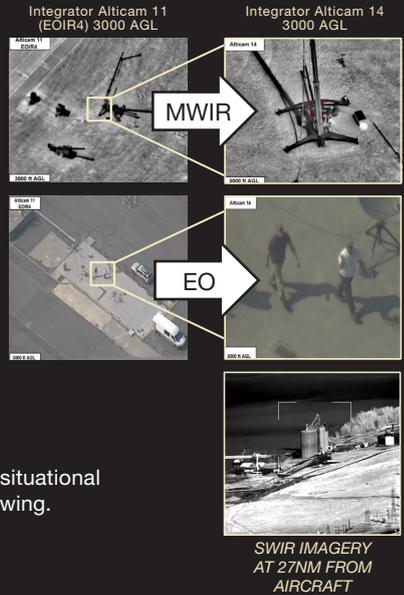
See clearly where other systems cannot.

+ Advanced targeting support

Precise geo-spatial targeting through laser designation.

+ Multi-imager, multi-feed software

No more flipping between sensors. Maintain complete situational awareness through simultaneous multi-sensor feed viewing.



Three Variants

ISR

Multi-sensor turret includes electro-optic (EO) and mid-wave infrared (MWIR) telescopes for the highest resolution imagery yet.

Multi-spectral

Adds the ability to see through smoke, fog and haze at an extended range via a short-wave infrared (SWIR) telescope.

Laser designation

Adds STANAG-3733-compliant laser designator for advanced targeting support.

Specifications

Image quality

- + EO continuous zoom field of view (FOV) 0.13-31.5 degrees (telescope optical FOV 0.13 degrees)
- + MWIR continuous zoom field of view 0.65-22 degrees (telescope optical FOV .65 degrees)
- + SWIR telescope optical field of view 0.57 degrees (option)

Modalities:

- + Electro-optic
- + Mid-wave infrared
- + Short-wave infrared (option)
- + Continuous zoom telescope optics
- + Laser rangefinder
- + Laser pointer
- + Laser designator (option)

Other benefits:

- + Multiple, simultaneous video streams
- + Picture-in-picture display option
- + High-definition imagers
- + Digital video output
- + MISB-compliant metadata streams
- + Maritime auto-gain
- + Bandwidth profiles for maximum data throughput

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.

Some technologies are subject to US export laws and may require USG approval.

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