



Review of Mega POP

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Abstract:

This article is about Mega POP. It is manufactured by IAI.

IAI:

IAI manufacture air and missile defence, unmanned aerial systems (UAS), ground robotics, precision-guided weapons, and loitering munitions.

Mega POP:

It is an electro optical observation system with extra-long range and ultra-sharp imaging. It is specifically designed for land and maritime use and is uniquely tailored for border and strategic site protection or any other missions that require visual threat long range detection. The system capture simultaneous multi-channel video to ensure images of the highest quality. The HD thermal video sensors captures HD video in total darkness and under harsh weather conditions. The daylight colour sensor is capable of shooting in HD or even higher image.

SWIR HD image capturing technology is unimpeded by fog or other harsh weather conditions.

Mega Pop's continuous zoom functions on all sensors for efficient ground orientation the system features a variety of laser capabilities like high safe laser rangefinder illuminators and pointers as well as advanced digital tracking capabilities. Unique image processing and advanced features designed for information extraction and automation of observation missions. Built-in gyro stabilization sharp image capturing under any environmental conditions. Mega Pop features highly precise coordinate locating free of magnetic field dependency ensure pinpoint target tracking. The system advanced intuitive user interface can be operated easily even from remote locations. Mega Pop can be easily integrated with a variety of intelligent sensors such as radar element command systems.



Highly Advanced Digital Tracking Capabilities, Credit: IAI



Conclusion:

Mega Pop's is a new and advance payload brings ground breaking operational capabilities for order and strategic site protection.