

Advance Scout Intelligent Video Detection

Advance Scout combines a covert video and communications system with an Intelligent Video Camera (IVC) alerting solution that transforms traditional video surveillance into an intelligent, network-based, tactical video system. The system can be adapted to meet changing mission requirements and can be deployed in various configurations depending on available infrastructure.

The tactical wireless intelligent video cameras transmit, alert, and provide data and images in a localized wi-fi network. Data can be transmitted over a wide area using a variety of communication methods (cellular transmission, 802.11 wireless (Wi-Fi) or SATCOM). The IVC provides a capability to define areas of critical importance that pose the greatest threat to the warfighter.

The IVC's capabilities provide for detection, classification, and behavior analysis of those identified threat areas. This also includes detecting objects and identifying them as persons, vehicles, or unknown objects. The technology operates with a rules-based engine which enables the user to automatically identify and track objects entering/exiting, appearing/disappearing, loitering near buildings or areas of concern, identify and notify user of left behind items, and the ability to create virtual tripwires ("fence").

The system provides the warfighter the ability to place low maintenance units in remote sites, control multiple systems remotely, and simultaneous monitoring of multiple systems. Advance Scout provides the warfighter with early detection and situational awareness of an adversary's threat activities.

- Remote, unattended, persistent intelligent video surveillance platform
- SATCOM, Cellular, Local Wi-Fi Network
- Day/Night Operation with IR Option
- Low Power Consumption
- Flexible Power Options for Extended Operations
- Battery Powered
- Object Classification and Behavior Analysis
- Rule-Based Inference Engine

