

# RAPID™

## Surveillance Made Mobile



**The RAPID system is a cost-effective, mobile, and highly capable solution for wide area intrusion detection. The universal radar mounting platform supports multiple sensor types capable of monitoring activity on areas such as borders, military bases, airfields, ports, power plants and critical infrastructure.**



Self powered wide area mobile monitoring and assessment

Protection of a wide area enables personnel and resources to be deployed and operating efficiently under a mobile or semi-permanent security umbrella.

- Detect over areas ranging from 350m to over 20Km
- Setup in 30 minutes without tools
- Power options include battery, solar, diesel, shore
- Towable by most commercial or military vehicles
- Integrates with K-hawk, Pathfinder and IBDSS systems

The mobile, autonomous and flexible trailer mounted system offers fully automated detection interfaces with radar to autonomously detect movement in a 360 degree radius at various ranges.

**“Monitor activity on areas such as military bases, airfields, ports, power plants and critical infrastructure.”**

Achieve 24 hour capability including thermal infrared cameras that allow day/night surveillance. The advanced self-contained power system integrates with government furnished, third-party, and other custom equipment.



## Why RAPID?

RAPID provides a complete mobile infrastructure for deploying intrusion detection, surveillance, assessment and communications assets. The highly mobile trailer can be towed by most commercial or military vehicles is completely autonomous and establishes a wide area intrusion detection and assessment capability in less than 30 minutes without the need for tools for set up or take down. Also available in skid model for mounting in bed of pick-up truck.

## Options

RAPID employs a wide array of ground based radars based on detection distance requirements. The ranges available are 350m/700m, 1400m/2800m, 10Km, and beyond 20Km. RAPID offers several self-contained power options. The primary power source is batteries that provide 24V DC. The renewable energy option provides solar panels to recharge the batteries thus extending the deployment duration. A quiet diesel generator option provides the ability for the RAPID to automatically recharge the batteries. The RAPID can also operate on commercial power.

## Performance

Assessment/surveillance is provided by electro-optical, thermal imaging cameras matched to the detection distance of the ground based radars to provide immediate visual assessment of the cause of alarm. RAPID is also available in a surveillance only configuration that provides mobile surveillance and assessment employing day/night or thermal cameras. RAPID employs the latest in wireless communications and can utilize point-to-point or wireless mesh. It can stream voice, video and data securely from over 2 miles line of sight. The wireless mesh forms a self-healing, self-forming ad-hoc network with end-to-end encryption for communications security. The system can also utilize wired communications.

## Dimensions

5080 pounds loaded for travel, DOT certified for travel on public roadways 7'8" W X 15' 6" L X 6' H

## Reviews

"We don't look at ARA as contractors, but team members fully committed to the success of the 319th Security Forces Squadron mission."

## Deployments

RAPID systems are currently in use at several U. S. government facilities.



Up and running fast. Towable by most vehicles.

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