Portable Multi-role, Multi-threat Electronic Countermeasure to RCIEDs

The prevalence and severity of Radio Controlled Improvised Explosive Devices (RCIEDs) demands maximum protection for those operating in increasingly harsh RF environments. Allen-Vanguard is a world leader in Electronic Countermeasure solutions against the continued and evolving threat of RCIEDs.

SCORPION delivers full threat band coverage protection for individuals and patrol groups on the move and at stationary checkpoints. Superior usability, combined with the advanced technologies and modular packaging makes SCORPION a flexible and powerful response to present and future RCIED threats. SCORPION is the best in class solution for global security forces.
Features

The use of appropriate ECM equipment puts the users in control, forms a safety blanket around the potential target area and provides a safe working area for operations personnel. SCORPION provides effective protection and can be customized to a variety of situations including military foot patrols, VIP protection, EOD carry forward and special response teams.

The SCORPION technology has been extensively field proven in the world’s main IED combat theatres and by bomb technicians in many major cities. Features include:

- Snap-In/Snap-Out dedicated digital ECM modules for increased configurability
- Pre-set or user-programmable ECM modules
- “Fill Creation” facility to assist programmers in simple or complex software development
- Simple and secure “Fill Loader” facility allows for rapid field loading of software profiles
- Modular power amplifiers can address unique threats and future proof system against emerging threats
- Rugged, yet ergonomically ideal
- Back pack or hand-held
- Modular battery supply to meet variable mission needs
- Main Unit Weight ~7.7 kg (~17 lbs)

To discuss your specific operational requirements, please contact your authorized Allen-Vanguard representative.

Support

Threat Definition - Allen-Vanguard (Allen-Vanguard Threat Solutions division) is at the forefront of global threat analysis and assessment. An extensive network of analysts provide real time, open source reports on IED and terrorist incidents throughout the world. Their ability to identify threats, assist with the exploitation of devices and supply timely pertinent analysis is the hallmark of Allen-Vanguard.

Software Algorithm Support - The formulation of the appropriate software to effectively defeat modern RCIEDs is a complex matter requiring thorough threat knowledge and significant expertise. Allen-Vanguard has vast experience in the development of algorithms that provide assured inhibition of RCIEDs. This, coupled to our threat knowledge within Allen-Vanguard, makes our capability second to none. Our expert team can provide turnkey solutions or work alongside existing customers to develop the best software for any threat environment and minimize the fratricide on friendly communications/C4I systems.

Training and Logistics - With over 11,000 systems fielded globally Allen-Vanguard has an unrivalled depth of front line experience in the international market. Complete training, from operator to strategic planning, is available from personnel with recent first hand operational experience.