Threatened by Drones? We bring it down!

Xpeller™ Rapid – Rapidly deploy your Drone Detection and Defeat System

Several incidents within the last years revealed that there is a rapidly emerging threat caused by small, cheap and commercially available UAVs. Armed Forces and Policemen as well as critical infrastructure and high level events are exposed to increasing attacks by misused UAVs. But who defends these assets?

Xpeller Rapid – the movable version of Xpeller™ - is able to protect people and sites, anytime, anywhere. It uses a combination of radar, electro-optical as well as RF detectors and Jammers, all fused in a common C2 for an optimum of protection against unmanned threats.

In order to rapidly deploy your Counter UAV System, Xpeller Rapid is either integrated into a vehicle (mast solution) or comes in transport boxes and can be easily set-up on tripods. Based on the Xpeller™ toolkit, the components follow the detect – identify – act workflow. Thus, they not only detect but also successfully defeat hostile drones at ranges up to several kilometres.

HENSOLDT

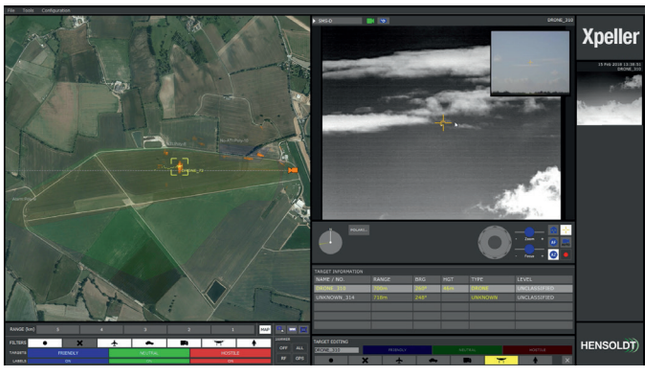
Detect and Protect.

Xpeller™ Rapid – Movable Drone Defence

Force, Critical Infrastructure and Event protection

Benefits of a broad portfolio with field-proven performance

Easy to use application for rapid and effective operation



Main Features

Modular, configurable and scalable	Selectable system configuration out of a toolkit to suit your operational needs. Supports nomadic approach in vehicles or in a take-away kit (boxes) as well as network concepts
Wide area Surveillance	Radar technology (M-Scan or E-Scan) detects and identifies hostile drones in a centralized or decentralized positioning
Optical Surveillance	EO/IR cameras ensure optical verification and tracking of the identified threat in 24/7 operation
Spectrum Surveillance	Detection and identification of drone relevant RF signals – also on-the-move
Spectrum Dominance	Interception of drone relevant frequencies up to 6 GHz to protect against drones, drone swarms and improvised explosive devices
Command & Control	Display and fusion of respective sensor sources. Range, altitude, velocity and bearing displayed. Easy to operate and touch-ready application.

Options

Pilot localization	Provides line-of-bearing information (geo-location) of the UAS pilot
Counter Measures	Integrate the right countermeasure suitable to your scenario
Services	Consultancy and weakpoint analysis for your asset protection Xpeller Rapid can also be provided as on demand service

HENSOLDT
Detect and Protect.

This document is not contractual. Subject to change without notice.
© 2018 HENSOLDT.
HENSOLDT and its logo are registered trademarks.
All rights reserved. // 0418 E 0388/1

HENSOLDT
Woerthstr. 85 / 89077 Ulm / Germany
T: +49 (0) 731 392-5213
www.hensoldt.net