



Threatened by Drones? We bring it down!

Xpeller™ Gear – the mobile drone defence out of the Xpeller™ toolkit

Several incidents within the last years revealed that there is a rapidly emerging threat caused by small, cheap and commercially available UAVs. Especially troops in the field, Policemen or others that take risk to defend us are exposed to increasing attacks by misused UAVs. But who defends them?

Xpeller Gear – the mobile version of Xpeller™ - is able to protect people on their missions, anytime, anywhere. It uses a combination of RF detectors and wearable

jammers, all brought together in one armoured gear for an optimum of protection against unmanned threats.

As soon as the RF detector has picked up a drone related signal, an alert is given so that the RF Jammer will interrupt the link between drone and pilot and/or its navigation. Xpeller Gear thus detects and protects against threats from hostile drones at ranges from a few hundred meters up to several kilometers.

Xpeller™ Gear – Mobile Drone/IED Protection



- Rugged, man-portable design
- Multi Role: Counter UxV + Counter IED
- Individual, patrol and asset protection
- 360° and directed antennas available
- Drone swarm compatible
- Field-proven performance
- Disruption of own force comms prevented



Main Features

Frequency Coverage	All relevant drone + RCIED frequencies: Optional up to 6 GHz
Endurance	3-5 hours
Operation	Hand held controller for displaying equipment health and status
Cooling	Passive convection for high reliability in extreme environments and silent operation
Networked operation	Threat-based Programming, Monitoring and Remote Control via Ethernet Interface
Supported antennas	Wide range of commercial directional and omnidirectional antennas
Jamming Modes	Flexible, software-definable C-UxV/RCIED Jammer

Physical Parameters

Size (H x W x D)	45 × 32 × 12,5 cm
Weight	~ 10 kg
RF Power Output	Up to 20 W total RF power
Input Voltage	18 – 32 VDC 28 VDC Nominal
Operational temperature	-20°C to +50°C

