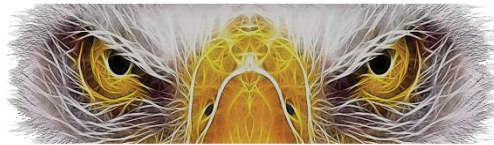# SPECOPS GROUP INC.

PROTECTING THOSE WHO PROTECT US

X3FiNDER

The X3FINDER is a heartbeat and respiration detection system designed for military, law enforcement personnel and search and rescue. X3Finder can see thru walls up to 18 inches thick cumulatively and provides critical information about the presence of life and its location.

- ➢ Detects life signs in the open up to 300' / 91m
- ➢ Scans and see thru walls and buildings to detect multiple heartbeats
- ➢ Scans tunnels, caves, mines for antiterrorism and human trafficking
- ➢ Scans containers, trucks, lorries
- ➢ Minimal setup time.
- ➢ 24-hour standby time.
- ➢ Scans up to 12-hour.
- ➢ Simple design familiar to First Responders
- ➢ Operates remotely as a standoff device
- ➢ Minimal training needed to operate

The X3Finder system assists search and rescue teams, firefighters and law enforcement to name a few, with a new tool. This new tool is self-contained, man portable and operates in most weather conditions. Our system has minimal setup time and is ready to scan in approximately sixty seconds. Scan results are displayed in minutes. Our instant on system keeps the First Responder at a constant state of readiness.

Our system uses a new, innovative and simple graphical user interface. SpecOps wrote and designed the software specifically for First Responders. Minimal training is required. We accomplish this by using operational concepts like today's Automated External Defibrillator "AED" systems. The X3Finder control device is a simple hardened Windows 10 driven unit. A complete X3Finder system comes with a control unit, and the remote sensor. However, the software can be loaded on any Windows 10 driven device if the device meets the software specifications. But we didn't stop there. Our team also devised a perimeter scan option allowing the user to now approximate location of life signs by using multiple scans to triangulate the life sign.

This system is designed specifically for the aftermaths of catastrophic global events that result in collapsed buildings and other occupied infrastructures. The system greatly reduces search times resulting in better use of valuable manpower management resources.

X3Finder was designed to follow the FEMA 508-8 Typed Resource Manual. This lead to the redesign of its power management system. X3Finder is designed to last a full 12-hour shift and fully charge in two hours. For SAR units with limited equipment, we have designed the system to quickly swap out batteries enabling the unit to be handed off for around the clock scanning with no down time.

We at SpecOps constantly push the limits of technology. Our new X3Finder is now small enough to search tunnels, mining operations and even caves. Constant testing, evaluation and feedback from our clients, is the key to our development of X3Finder.

X3FiNDER

Features & Specifications

The systems sensors are encased in an impact and IP67 rated case for all weather conditions. X3Finder is man portable and designed specifically to fit in any overhead compartment for air travel. SpecOps innovations are driven and developed by First Responders for First Responders.

Specifications	Description
Model	X3Finder
System Type	Low Emitting Microwave Radar
Radar Antenna Array	1 transmitter and 4 receivers
Operating Wavelength	3.15 GHz
Wavelength Ranges	2.4, 3.15, 5 GHz
Beam Width/Height	Width = 70° / Height = 35°
Radioactivity	Meets the ICNIRP-1998 radiation exposure requirement
Wi-Fi	IEEE 802.11 b/g/n
Power Supply	Charging system, 4-cell, 2.8A @ 12.8V LiFePO4 charger
Battery	LiFePO4 13.2V 5sh, 66Wh
Scans Per Charge	Up to 100 scans
Standby Time	24 Hours
Length of scan	i7 Proc 90 sec, i5 Processor 120 sec on average (varies by scan settings)
Life Sign Detection	Multiple victim detection ability (up to five victims)
Target Types	loose debris, dense debris & solid debris (concrete), open areas and tunnels
Dense Debris Penetration	Up to 9 meters (30 feet)
Solid Object Penetration	Up to 45cm of solid concrete (18 inches)
Clear Air Range	Approximately 9m-100m (30-330 feet)
Temperature range	Ranges from -20℃ (+50℃)
Display	Windows Based Weather Proof Tablet or Laptop
Enclosure	Seahorse 540SE, IP67, MIL-STD810F512.4
Available Colors	Safety Yellow (OSHA) Intl. Orange (SOLAS), Forest Green Camo, Gunmetal Gray
Dimensions	14.9 x 12.13 x 9.58" (37.85 x 30.81 x 24.33cm)
Weight	Total weight including tablet 6kg (13lbs) depending on installed options

SpecOps Group Inc. reserves the right to change components and specifications as the technology improves.