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XAVER™ LR40

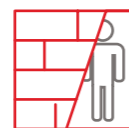
LONG RANGE THROUGH WALL LIFE DETECTOR

XAVER™ LR40

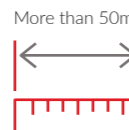


GROUNDBREAKING LONG RANGE SENSE THROUGH THE WALL (STTW)

The Xaver™ LR40 (XLR40) detects live objects through walls 50 meters and beyond. The system, optimized for urban and rural operations gathers accurate – mission critical – real-time intel of live objects hidden behind walls, while set-up at a safe distance.



Detects the presence and number of live objects behind walls



More than 50m

Accurately detects the range of objects from the system



Lightweight and portable
Easy to use and intuitive controls

The XLR40 creates an unprecedented life-saving situational awareness picture, giving a clear operational advantage and the ability to “step into the known” by providing mission critical information for Tactical and ISR use, in a non-line of sight situation from long distances.

XAVER™ LONG RANGE 40 MAIN FEATURES

- 50 meters plus detection range in stand-off position
- Accurate detection of live objects behind most common wall materials
- Simultaneous detection of moving or nonmoving live objects
- Controlled by 10-inch tough touch pad with simple user interface for intuitive operation
- Integrated data recording with playback for post-mission debriefing, post analysis and training
- Proprietary patented algorithms and signal processing
- Lightweight portability increases mobility and capabilities of a single operator
- Equipped with a dedicated sight to accurately direct the beam to the target
- Activates with the simple push of a button

Technical Specifications	
Detection range	More than 50 m
Beam Width	10°
System weight	11.5 kg
Battery operation time	7h with 2 internal batteries
Dimensions (LxWxH)	65.0 cm x 74.5 cm x 15.5 cm
Minimal target speed	0m/s
Recording capacity	12 hours

XAVER™ LONG RANGE 40 TECHNOLOGY

The Xaver™ Long Range 40 utilizes state-of-the-art system architecture, encompassing multiple proprietary cutting-edge technologies. Incorporates unique, Ultra-Wideband (UWB) sensor that operates at an extremely wide bandwidth. Patented algorithms are used to provide the user with a real time information.



RADIATION SAFETY

The Xaver™ Long Range 40 is totally and completely radiation safe. It is designed to provide superior performance while operating within the following international requirements and guidelines for Human Exposure:

ICNIRP-2008 radiation exposure restriction FCC
OET-65 Edition 97-01
IEEE C95.1-2005