



XAVER™ LR 80

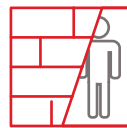
LONG RANGE THROUGH WALL LIFE DETECTOR

XAVER™ LR 80



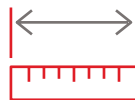
GROUNDBREAKING LONG RANGE SENSE THROUGH THE WALL (STTW)

The Xaver™ LR80 (XLR80) enables to detect live objects through the wall at more than 100m away. The system is optimized for urban and rural operations, by gathering mission critical, accurate real-time information of live objects hidden beyond walls, while staying far away in a safe position. The XLR80 brings:



The presence and number of live objects beyond the wall

More than 100m



Exact distance of detected objects from the system



Portability, Easy to use and intuitive interface

By providing mission critical information for Tactical and ISR use, in a non-line of sight situation from long distances, the XLR80 creates an unprecedented life-saving situational awareness picture, a clear operational advantage and the ability to “step into the known”.

XAVER™ LONG RANGE MAIN FEATURES

- More than 100 m detection range in stand-off position
- Reliable detection of live objects behind most common wall materials
- Simultaneous detection of moving and nonmoving live objects
- Controlled by 10-inch toughpad with Simple user interface for intuitive interpretation
- Integrated data recording and playback for post-mission analysis, training, and debriefing
- Unique patented algorithms and signal processing
- Portable and can be operated by a single user
- The system is equipped with a dedicate sight to easily directing the beam to the target
- Ready to use at the push of a button

Technical Specifications	Detection range	More than 100 M
	Spot size @70m	7m
	System weight	19.5 kg
	Battery operation time	7h with 2 internal batteries
	Dimensions (LxWxH)	106 cm x 108 cm x 40 cm
	Minimal target speed	0m/s
	Recording capability	12 hours

XAVER™ LONG RANGE TECHNOLOGY

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



RADIATION SAFETY

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

ICNIRP-2008 radiation exposure restriction

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