



# XAVER™ 100

## HANDHELD, THROUGH-WALL LIFE DETECTOR



The Xaver™ 100 is an ultra-portable, handheld and durable presence of life detector. The Xaver™ 100 provides military, law enforcement and Search & Rescue personnel critical information in real-time about the presence of life and its distance behind a wall, enabling better tactical decision making in various operational scenarios such as:

- Tactical Entry/Assault • Alert operators to the presence of potential threats
- Hostage Recovery • Quickly determine which spaces are occupied
- Search & Rescue • Effective detection of trapped or injured people
- Breaching • Plan for effective and safe entries
- Force safety • Create a "Virtual Window" to spot external approaching threats
- Providing a clear operational advantage • the ability to "step into the known"
- The Xaver™ 100 has been deployed by users worldwide.

 **CAMERO**  
Step into the known  
SK GROUP MEMBER

[WWW.CAMERO-TECH.COM](http://WWW.CAMERO-TECH.COM)

# XAVER™ 100

## TECHNOLOGY

The Xaver™ 100 utilizes a state-of-the-art system architecture, encompassing multiple cutting edge technologies. A unique micro-power Ultra-Wideband (UWB) pulsed radar sensor that operates at very high bandwidth for industry leading performance. Mathematical algorithms are used to cope with cluttered environments resulting in a highly reliable object presence and distance detection. A simple user interface and ultra-portable form factor are key features of the design. The Xaver™ 100 has an optional internal wireless module for full remote control and viewing options.

## FEATURES

- Ultra portable and compact
- Optimized ergonomic and rugged design
- Reliable detection of life behind most common wall materials
- Simple user interface for clear and immediate interpretation
- Indication of target presence, movement direction and distance
- 20m detection range
- Enables Stand-off operation (within the detection range)
- Coexistence capability for operation of multiple Xaver™ 100 units simultaneously
- Optional internal wireless capability for remote monitoring and control
- Complies with MIL-STD-810F

## XAVER™ 100 USER INTERFACE



TECHNICAL SPECIFICATIONS	Device type	Handheld through-wall radar
	Penetrable wall materials	Cement, plaster, brick, concrete, reinforced concrete, adobe, stucco, drywall and many other standard building materials
	Detection range	4m, 8m, 20m
	Field of view	120° in both Azimuth and Elevation
	Display mode	Indication of target presence, movement direction, and distance
	Frequency range	3GHz to 10GHz
	Dimensions	L:21.8cm, W:9.7cm, D:6.5cm
	Weight	660g with 4 Lithium 123 Batteries
	Power supply	4 Lithium 123 Batteries (optional 2 Lithium AA Batteries)
	Battery operation time	3.5 hours with 4 Lithium 123 Batteries
	Wireless capability	Optional built-in wireless module for remote monitoring and control
	Accessories (optional)	XaverNet™ (remote wireless ToughPad)

## RADIATION SAFETY

The Xaver™ 100 is completely radiation safe. It is designed to provide superior performance while meeting the requirements of ICNIRP-1998 radiation exposure restriction.



[WWW.CAMERO-TECH.COM](http://WWW.CAMERO-TECH.COM)

### Camero-Tech Ltd.

Intergama Building Level 3 | Grand Netter Industrial Zone | P.O. Box 3521, Kfar Netter 4059300, Israel Tel: +972-73-7172333 | Fax: +972-73-7172323 | [info@camero-tech.com](mailto:info@camero-tech.com)

Specifications are subject to change without notice. Information, products, processes and technologies described in this document may be subject to intellectual property rights. These rights are reserved by Camero-Tech Ltd. or other owner thereof. Xaver™ is a registered trademark of Camero-Tech Ltd. Please contact Camero for further details.