



# XAVER™ 1000

HIGH PERFORMANCE 3D PORTABLE  
THROUGH WALL IMAGING SYSTEM



The Xaver™ 1000 is an essential system for Military, Law Enforcement, Search & Rescue teams and Intelligence units, operating in various situations including hostile urban and disaster environments.

The system creates an unprecedented situational awareness 3D visual picture, providing a clear operational advantage and the ability to “step into the known”.

- The Xaver™1000 is the new generation of the Camero Xaver™ product line equipped with an AI-based tracking of live target patterns
- The Xaver™1000 is a real-time 3D ‘Sense-Through The Wall’ imaging device that enables the detection of live objects (static or dynamic) behind walls and building obstacles
- The Xaver™1000 provides an unprecedented resolution of body parts and position: sitting, standing, lying down, and the height of the live objects
- The Xaver™1000 has the ability to distinguish whether the object is an adult, a child or an animal
- The Xaver™1000 is optimized for tactical and ISR operations by gathering mission-critical accurate real-time information about living objects from behind solid walls and barriers including:
  - Presence of life in the room
  - Number of people and their distance from the system
  - Can be operated near-wall or in stand-off mode
  - Target height and orientation
  - Room general layout, including dimensions and major infrastructure elements

# XAVER™ 1000

## Features

- 3D visual display of live and static objects
- Integrated 10.1" Touch-screen display
- Foldable antenna wings for compact storage and transport
- System can penetrate through most common walls and materials
- Remote display and control capabilities via Wi-Fi link
- Simultaneous detection of moving and non-moving objects
- Simple user interface for intuitive interpretation
- Integrated data recording and playback for post-mission analysis, training and debriefing
- Proprietary and Unique algorithms and signal processing
- Ready to use by a single user at the push of a button

TECHNICAL SPECIFICATIONS	Device Type	3D Through Wall Radar
	Detection Range (Max)	42 meters
	Interfaces	Ethernet, USB, HDMI
	Display Modes	3D View, 2D Plain view, 2D Side View, Range Over Time
	System Weight	16.5 kg Including Batteries
	Penetrable Wall Materials	Cement, Plaster, Brick, Concrete, Reinforced Concrete, Adobe, Stucco, Drywall, and other Standard Building Materials
	External Power	Outlet AC Power 100V-240V 50Hz/60Hz, DC power 15V
	Batteries Operating Time	Hot-Swap, Rechargeable: 3 hours
	Dimensions	L91cm x W91cm x H5cm (Open Wings) L46cm x W46cm (Folded Wings)
	Field of View	120° in both Azimuth and Elevation
	Accessories	External battery charger, Power supply, Hard-shell carrying case, Tripod, Wireless Remote-Control and Display Unit (Optional)

## RADIATION SAFETY

The Xaver™ 1000 is completely radiation safe. It is designed to provide superior performance while meeting the requirements of ICNIRP-1998 radiation exposure restriction



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