



XAVER™ SYSTEMS

ESSENTIAL LIFE SAVING SOLUTIONS



When arriving at a disaster site, firefighters units and search & rescue teams are facing the challenge of locating and rescuing casualties as fast as possible and in a safe manner. From evacuating people trapped in a burning building to extracting earthquake casualties from ruins, the rescuers need to be efficient and accurate.

Camero's Xaver™ systems provide the ability to gather critical, life-saving information at the disaster site, giving indications on the number of live objects at a given place and pin pointing their location. In addition, the systems offer a unique capability to map the general shape of the structure, behind walls or under collapsed ceilings.

SEARCH & RESCUE KIT

XAVER™ 100

The Xaver™ 100 is an ultra-portable, handheld and durable life detector. The Xaver™ 100 provides Search & Rescue teams critical information in real-time, allowing them to quickly map the area and get first indication whether there are living survivals at the site. Thus focus rescue efforts in the relevant areas.

Search and rescue kit

Two Xaver™ 100
Xaver™ 400
XaverNet™
Tripod
Monopod
Spider strap
Multi-functional backpack



XAVER™ 400

The Xaver™ 400 is a compact Radar based device, optimized for quick decision making. The system provides real-time critical information on live objects trapped behind walls and barriers, and can indicate presence of life in the room, number of people and their location.

XAVERNET™

The XaverNet™ system is a remote wireless ToughPad that works in combination with Xaver™ 100 and Xaver™ 400 systems. It enables the user to receive real time visual data and fully control remotely up to four Xaver systems simultaneously.

TECHNOLOGY

Camero's products utilizes a state-of-the-art system architecture, encompassing multiple cutting edge technologies. A unique, multi-channel, and micro-power Ultra-Wideband (UWB) sensor that operates at very high bandwidth enables reliable detection and industry leading object resolution. Algebraic image reconstruction algorithms are used to cope with cluttered environments resulting in a high quality and intuitive image. Simple operation and compact packaging are key features of the design.

RADIATION SAFETY

Our products are completely radiation safe. It is designed to provide superior performance while meeting the requirements of ICNIRP-1998 radiation exposure restriction



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