

# LifeLocator™ II

from

## UltraVision

Security Systems, Inc.

A Portable, Wireless System to Detect Trapped *Living* Victims in:

**Building Debris**

**Avalanches**

**Mud Slides**

**Disaster Wreckage**

Search & Rescue teams have always needed a fast, effective way to detect people who are alive but buried in building debris or other materials. That system is now available with an easy-to-use display for fast and simple interpretation. The LifeLocator II™ by UltraVision works with:

**No probes, No cables, and No wiring**

With this advanced technology, Search & Rescue teams can quickly locate trapped victims who are moving or breathing. This allows recovery work to be managed more effectively.

### Handheld PDA

The PDA used with the Wireless Sensor is housed in a rugged, weathertight case. It displays a black square when motion is detected. When breathing only is detected, a red circle is displayed. These icons indicate the approximate distance to the victim from the Sensor. Motion can be detected up to 20 feet (6 meters) away and breathing is indicated up to 15 feet (4.5 meters) away from where the victim is trapped. The LifeLocator PDA Control Unit can receive data up to 50 feet (15 meters) away from the Sensor.



### Wireless Sensor

The rugged Sensor, which sends wireless data to the PDA Control Unit, is contained in a bright red-orange box that is 18" x 18" (45 cm x 45 cm) and weighs only 21 pounds (9kg.). Using the mounted handles, the operator moves the Sensor in a regular pattern over the search area. The PDA Control Unit will indicate motion or breathing when the Sensor is above or near the victim.



UltraVision Security Systems, Inc.  
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[www.UltraVisionSecurity.com](http://www.UltraVisionSecurity.com)  
[info@UltraVisionSecurity.com](mailto:info@UltraVisionSecurity.com)

## LifeLocator™II in use at a USAR Training Facility



Buried "victim"



Victim's hand



### System Specifications

**Detection Distance:** Up to 15 feet (4.5 meters) of debris for breathing and 20 feet (6 meters) for motion

**Detection Volume:** 4500 cubic ft. (127 cubic meters)/3 minutes

**Wireless Range:** up to 50 feet (15 meters) WiFi

**FCC Certified**

**GSA – GS-24-F-1008B**

**DHS Approved Equipment List**

#### Sensor

**Size:** 18" x 18" x 9" (45 x 45 x 22 cm)

**Weight:** 21 lbs. (9 kg.)

**Battery Life:** up to 4 hours

**Battery Type:** LiOH

**Water Resistant**

#### PDA

Display distance to trapped victim

Windows Mobile 5.0 (Premium Edition)

Sunlight readable TFT Display/Backlight for low light use

17 ounces (490 grams)

**Battery Life:** up to 2 hours (rechargeable)