A Portable, Wireless System to Detect Breathing and Motion 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 Victim Locator 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 dots also indicate the distance to the victim from the sensor. Motion can be detected up to 20 feet away and breathing is indicated up to 15 feet away from where the victims are buried. The Victim Locator PDA can receive data up to 50 feet away from the sensor.

**Wireless Sensor**

The rugged sensor, which sends wireless data to the PDA, is contained in a bright red-orange box that is 18” x 18” and weighs only 21 pounds. Using the mounted handles, the operator moves the sensor in a regular pattern over the debris to cover the required search area. The PDA display will indicate breathing or motion when the sensor is above or near the victim.

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A Field Test at FEMA Training Facility
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System Specifications

**Detection Distance:** Up to 15 feet of debris for breathing and 20 feet for motion
**Detection Volume:** 1000 sq. ft./2 minutes
**Wireless Range:** Up to 50 feet (WiFi)

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**Sensor**
- **Size:** 17.5” x 17.5” x 9.5”
- **Weight:** 21 lbs. (including battery)
- **Battery Life:** 4 hours
- **Battery Type:** LiOH
- **Water Resistant**
- **FCC Certified**

**PDA**
- Display shows distance to victim when breathing is detected.
- Waterproof with ruggedized housing.
- **Battery Life:** 4 hours+
- **GPS Compatible**