



MicroDetector™ is the world's first motion-sensing device that is portable, rechargeable, retrievable and provides for monitoring via an off-premise receiver.

Designed for use in tactical field operations, MicroDetector, from UltraVision Security Systems, Inc., has been called a "force multiplier" by leading law enforcement officials. The MicroDetector Personal Motion Detector 1 (MicroDetector PMD-1) is a small, portable, battery-operated motion detector that uses microwave technology to perform motion sensing operations. Designed to protect operations personnel in tactical field situations, MicroDetector PMD-1 is ideal for police departments and other law enforcement agencies. MicroDetector PMD-1 provides law enforcement with the opportunity to maximize use of their force members, ensuring the safety of both law enforcement personnel and the public they protect.

### Specifications

- Size: 4 in diameter (10 cm) 1.5 in thick (4 cm)
- Weight: 8 oz (226 g)
- Motion detection range: 25 ft (7.6 m)
- Battery charger: Induction (wireless)
- Charger power: 240VAC/120VAC
- Rechargeable battery life: 24 hours continuous or 48 hours in power saver mode
- Housing: Environmentally sealed, waterproof to depth of 1 m
- Reporting frequency: WiFi 900MHz (7 useable channels)
- Environmental: 0° F to 120° F (-18° C to 49° C)

### Features

- Operation reporting: Each sensor automatically reports three times per minute to the base station to indicate a unit functions, sensor serial number is reported
- External plug: Each sensor has an external power connector
- Customer variations: Such functions as gain, sensitivity, duty cycle and schedule are customer-adjustable
- Omni-directional detection
- Wireless range: 200 ft (60 m); repeaters can extend distance
- Motion detection reporting: Alarm tone and serial number

Motion detection that is portable, rechargeable, retrievable and can be monitored via an off-premise receiver.





## The Force Multiplier.

Police, SWAT teams and other security personnel are often faced with two operations dilemmas: both clearing an area and, more importantly, ensuring a cleared area remains free from intruders. The MicroDetector™ unit effectively eliminates the need to leave members of a force behind to monitor cleared areas. This reduces both personnel cost and potential danger. MicroDetector effectively “multiplies” the available members of law enforcement for mission-critical tactical operations.

The straightforward design and functionality of MicroDetector PMD-1 requires no user training. An “On/Off” switch in the middle of the device allows for one-handed activation. A field officer simply activates the device and leaves it behind in a cleared area. If motion occurs, a signal is sent back to the receiver. Operations center officers can then alert in-field personnel that the situation in a cleared area has changed.



Force Multiplier	Stakeout Surveillance	Hostage Situations	Forward Base Perimeters
<p>MicroDetector provides law enforcement the ability to maximize force deployments, providing “leave behind” motion detection to ensure cleared areas remain clear.</p>	<p>MicroDetector can provide an “always-on” technological edge that complements officer effectiveness on long, tedious stakeouts where it is difficult to maintain round-the-clock alertness.</p>	<p>Domestic disturbance calls or robberies can turn into hostage situations. MicroDetector can help officers sense motion within a home or other structure, or indicate a complete lack of motion.</p>	<p>In hostile applications, MicroDetector can easily establish protective base perimeters that can be set up and taken down in a matter of minutes.</p>



The future in motion

**For more information contact:**

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