UltraSensor™
Developer Kit

UltraSensor motion detectors are designed to be used in perimeter and other fixed facility security systems. These sensors can be hidden and buried in most materials.

The Developer Kit includes a laptop and four UltraSensors for motion detection. The primary purpose of the kit is to educate users in the characteristics of these very new motion sensors. The Kit can be purchased with the sensors wired directly to the laptop or with wireless communication between the laptop and sensors. Wired and wireless sensors cannot be mixed.

**Uses:**
- Test sensors in various installations and configurations
- Use as a stand-alone security system to understand sensor characteristics
- All Developer Kit components can be used in larger, existing security systems that are IP compatible

**Developer Kit - Wired**

- **Laptop**
- 50 meter cables (4)
- **UltraSensor (4)**
- **Ethernet Power (POE)**

**Developer Kit - Wireless**

- **Laptop**
- **UltraSensor (4)**
- WiFi Range 30 meters
- **Battery power**
  - Battery/charger provided

Systems cannot be purchased without the laptop.
Laptop specification: Panasonic ToughBook Model CF-18 with required communication ports.
UltraSensor specification: See the UltraSensor brochure.
UltraSensor Operation:

The laptop software allows a facility diagram to be designed showing building walls. Sensors can then be placed on the drawing showing their actual physical locations to scale.

The following screen examples show the system in use. Note that while the display allows five sensors to be monitored, four sensors are provided in the Developer Kits.

**Layout and Setup**

- Building outlines - drawn by user on a grid pattern.
- Three UltraSensors placed in user-defined locations and showing 25 foot radius motion detection envelope (green) and motion envelope (red).

**Data monitor screen**

**Control screen**

All three screens can be used to monitor motion detection.

Pending FCC approval in the U.S. Developer Kits may be obtained and tested with an experimental site license.