EXHIBIT I
Operational Description

Product Description

The product is a wireless door window sensor type security device. It employs magnetic reed switches to detect opening and closing of doors and windows. It also employs an internal mechanically activated switch to detect to detect tampering. The sensor employs its transmitter to send tamper and alarm signal to a receiver/central-processing unit.

The sensor is a battery operated employing a 3.6-volt lithium battery. The devise is controlled by a proprietary integrated circuit U1 that activates the transmitter in response to changes in switch states.

The transmitter is on off keyed with the information encoded in the pulse width. Q1 and its associated components comprise a crystal oscillator/ tripler. It oscillates at 106.5 MHz producing a multiplied output at 319.5 MHz. This output is applied to the driver Q3. The final amplifier Q2 and the driver are turned on and of by the modulation output of the controller IC U1.