

Interactive Technologies Inc

EXHIBIT I

Operational Description

Product Description

SIMON III is a self-contained security system that includes a keypad, hardwire zone input, siren, receiver and transmitter. The keypad is for user control and feedback. The hardwire zone input works in conjunction with common magnetic contacts. The RF receiver is used to monitor any of several sensor/transmitter products. These sensors may indicate the states of doors, windows, or whether or not a smoke detector is tripped. The siren is a piezo type that can give status beeps or sound full volume tones in the event of an alarm.

The microcontroller used is Mitsubishi M30620FCAFP.

The RF transmitter is a 106.5 MHz oscillator. The third harmonic is filtered off and fed into an amplifier. The amplifier is turned on and off to modulate the carrier. The transmission frequency is 319.5MHz.

The receiver receives 319.5MHz.

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