

Interactive Technologies Inc

EXHIBIT I Operational Description

Product Description

The product is a wireless thermostat used in conjunction with a wireless security alarm system. The security alarm panel sets the temperature for the thermostat, the thermostat unit monitors the environment for the correct temperature. If the room temperature does not meet the set temperature, the thermostat turns on the correct heating or cooling system.

Normally the unit only transmits supervisory signals every hour.

This product is the combination of a thermostat manufactured Home Automation Inc., and the transmitter manufactured by ITI. ITI has code imbedded in the microcontroller of the shock sensor to control the transmitter.

The microcontroller used is a Microchip PIC16C73A.

The RF circuit consists of a 106.5 MHz oscillator followed by an amplifier. The amplifier is turned on and off to modulate the carrier.

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