

EXHIBIT I
Operational Description

Product Description

The Dialogue Telephone Interface Module is part of a wireless security alarm system. It receives notification of alarm events from the system control panel via RF. When an alarm is received, it reports the event to a central monitoring station over the PSTN. It transmits a supervision signal to the control panel every hour.

The microcontroller used is a Mitsubishi M38513E4FP

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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