

EXHIBIT 3

Technical Description

Para. 2.1033(b)(4)



Retlif Testing Laboratories

Test Report No. R-7489-1
FCC ID: ESV-0407-5

Technical Report 2.1033(b)(4)

Equipment Manufacturer

Detection Systems
130 Perinton Parkway
Fairport, NY 14450

FCC Identifier

ESV-0407-5

Operating Instructions

See Exhibit 5

Trade Name

Detection Systems

Model Number

RF920

Additional Model Numbers and Trade Names

Not Applicable



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GENERAL INFORMATION OF THE RF920 PIR AND RF TRANSMITTER

The RF920 is a battery operated PIR motion detector with a built in 304 MHz RF Transmitter. It is used in Detection Systems' Residential Security and Escort Security Systems.

As indicated in "Block Diagram of RF920", a motion signal detected by the PIR sensor is processed by PIR ASIC. As a result, the motion signal is converted to an input signal of ZONE-ON ASIC which also monitor the other two input signals such as cover tamper. Then the ZONE-ON ASIC reports the input status to the Microcontroller which determines the task accordingly and sends the status to a receiver through the RF transmitter.

Frequency Control Devices Used:

1. One 800 kHz ceramic resonator used for the microcontroller's oscillator.
2. One 304 MHz SAW resonator used for the oscillator of the RF Transmitter.



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