

PYROFLEX™

Special High-Signal infrared (IR) Detectors that are patented worldwide by SUREN, PYROFLEX™ detectors are operated in “current mode” rather than “voltage mode”. Detector-element current flows to an external load rather than remaining inside, thus releasing a much larger signal. The large signal gives many advantages:

- Less amplification needed – less gain for false alarms
- High immunity to shock, white light, temperature, RF, electrical surges
- Low-temperature operation; no electrolytic capacitors in amplifier
- High reliability – all ceramic capacitors
- Micro-current draw for wireless application
- Intruder detection over all motion speeds

