

## PASSIVE INFRA-RED DETECTOR

### APPLICATION

The SF515 (SF-515) Wireless Passive Infra-Red Detector is for use with the Tek-CARE®500 Wireless Emergency Call System.

The detector features advanced digital signal processing to recognize “human signature” size and movement, reducing false alarms. The SF515 has a tamper-protected case and the 3V lithium battery is included.

The SF515 Wireless Passive Infra-Red Detector is ideal for residential and low-traffic commercial applications. With GE Interlogix’ premier Sharpshooter™ the SF515 has increased immunity to radio interference, vibration, static, stray light, rapid temperature changes and other false alarm sources. It provides 90° × 45’ coverage.

### FEATURES

- Reliable 900 Mhz transmitter operation
- Dual pyroelectric sensors
- Sequence processor with bi-directional pulse counting and event verification
- Flat wall, corner or hallway mounting, with swivel adjustments
- Fire-retardant antique white ABS plastic housing

### SPECIFICATIONS

**Dimensions:** 3.688”H × 2.875”W × 2.063”D  
(94 mm × 74 mm × 53 mm)

**Environment:** 10°F to 120°F, 10% to 90% noncondensing relative humidity

**Battery:** 3V Lithium (BA505)

**Battery Life:** 2 years, 32° to 120°F

**Coverage Area:** 45’ × 90°

**Swivel:** ± 10° right or left, 15° down

### REQUIRED COMPONENTS

Tek-CARE®500 Wireless Emergency Call System

*TekTone® has designed Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior permission has been obtained. A site survey must be performed and submitted before ordering a Tek-CARE®500 system. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty numbers will also be required when requesting technical support.*



SF-515

### ARCHITECTS’ AND ENGINEERS’ SPECIFICATIONS

The wireless passive infra-red detector shall be TekTone® SF515 (SF-515) or approved equal as supplied by LEE DAN®. It shall use the 900 MHz frequency for signal transmission.

The SF515’s opaque fresnel lens shall focus infrared energy on pyroelectric sensors, reducing false alarms caused by stray light or heat sources.

No physical wiring connections shall be required to transmit an alarm call. The SF515 shall be powered by a 3V lithium battery. Mounting hardware and housing shall permit flat wall, corner or hallway mounting, with swivel adjustments for aiming for nominal coverage. The infra-red detector shall be no larger than 2.875”W × 3.688”L × 2.063”D.