



**SF515 Wireless  
Passive Infra-Red Detector**

### ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The wireless Passive Infra-Red Detector(s) shall be Alpha Communications®/TekTone SF515 or approved equal. 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 transmitter shall be no larger than 2.875" w x 3.688" h x 2.063" d.

TekTone® has designed the 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 written permission has been obtained. 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 number will also be required when requesting technical support.

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### SF515 Wireless Passive Infra-Red Detector

The Alpha Communications® SF515 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 GEInterlogix's '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° x 45' coverage.

### FEATURES

- Reliable 900MHz frequency 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

<b>Dimensions:</b>	Height: 3.688" (94mm) Width: 2.875" (74mm) Depth: 2.063" (53mm)
<b>Coverage Area:</b>	45' x 90°
<b>Power:</b>	Two (3) 3V Lithium batteries (included)
<b>Battery Life:</b>	2 years (32°F-120°F)
<b>Environment:</b>	12°C-49°C (10°F-120°F); 10% to 90% non-condensing relative humidity
<b>Swivel:</b>	± 10° right or left, 15° down
<b>Battery:</b>	3V Lithium (model # BA505)

### REQUIRED COMPONENTS

**Tek-CARE500** Wireless Emergency Call System

*Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.*