



SF515ES PIR Motion Detector Specification Sheet

IL808
Section E
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SF515ES

ARCHITECTS' AND ENGINEERS' SPECIFICATION

The wireless PIR motion detector shall be TekTone® SF515ES or approved equal. It shall use the 900 MHz frequency for signal transmission. The SF515ES'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 SF515ES 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 2.5"W × 4.5"H × 1.6"D.

FEATURES

The SF515ES Wireless PIR Motion 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 SF515ES has a tamper-protected case and the 3V lithium battery is included.

The SF515ES Wireless PIR Motion Detector is ideal for residential and low-traffic commercial applications. With GE Interlogix's premier Sharpshooter™ the SF515ES has increased immunity to radio interference, vibration, static, stray light, rapid temperature changes and other false alarm sources. It provides 90° × 40' coverage.

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

SPECIFICATIONS

Dimensions: 4.54"H × 2.5"W × 1.6"D
(114 mm × 64 mm × 41 mm)
Environment: 32°F to 140°F, 0%–90% non-condensing relative humidity
Battery: 3V Lithium (BA505)
Coverage Area: 40' × 90°, mounted 7–9 feet high

REQUIRED COMPONENTS

Tek-CARE®500 Wireless Emergency Call System

TekTone® has designed Tek-CARE®500 to work as a system. Its 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 master station computer warranty numbers will also be required when requesting technical support.

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Phone: (828) 524-9967 • Fax: (828) 524-9968 • Tech Support: Choose option 2 • Sales: Choose option 3
TekTone®'s quality system is registered by UL® to the ISO 9001 standard. (Reference #10001510.)