

## DOOR/WINDOW EGRESS WIRELESS TRANSMITTER

### APPLICATION

The SF520 (SF-520) Door/Window Egress Wireless Transmitter is for use with Tek-CARE®500 Wireless Emergency Call System. The SF520 is based on Frequency Agile® spread spectrum technology and transmits signals at the 900 MHz frequency. The SF520 sends supervision signals to the Tek-CARE®500 system at a selectable interval, making it ideal for both high security installations and residential installations.

The SF520 includes two built-in magnetic reed switches in a tamper-proof case for maximum flexibility. The magnet supports a 5/8" gap, and the unit supports an NO or an NC external contact. The SF520 requires no physical wiring connections to transmit an alarm call and is powered by a 3V lithium battery. A mounting bracket is also provided.



SF-520

### SPECIFICATIONS

**Dimensions:** 3.6"H × 1.7"W × 0.96"D  
(91 mm × 43 mm × 24 mm)

**Construction:** Attractive, flame retardant ABS plastic

**Distance:** 10 feet maximum between transmitter and external switch

**Contact Closure:** 1.5 seconds minimum

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

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

**Battery Life:** 4–5 years

**Environment:** 0°–60°C

### REQUIRED COMPONENTS

Tek-CARE®500 Wireless Emergency Call System

### ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The door/window egress wireless transmitter shall be TekTone® SF520 (SF-520) or approved equal as supplied by LEE DAN®.

The SF520 shall transmit signals at the 900MHz frequency. The SF520 shall include two built-in magnetic reed switches—one on top, and one on the side—for maximum flexibility. The magnet shall support a 5/8" gap, and the unit shall support an NO or an NC external contact.

The SF520 shall require no physical wiring connections to transmit an alarm call and shall be powered by a 3V lithium battery. A mounting bracket shall also be provided.

*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.*

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