

## WIRELESS SMOKE DETECTOR

### APPLICATION

The SF505 (SF-505) Wireless Smoke Detector is for use with the Tek-CARE®500 Wireless Emergency Call System.

The SF505 is built upon photoelectric ESL technology, that continually monitors its own sensitivity and operational status. The detector provides drift compensation and visual display of over- or under-sensitivity so that corrective action can be taken to reduce false alarms.

Wireless frequency hopping technology maximizes range and reliability. The SF505 is powered by two included 3V lithium batteries, and battery life is estimated at up to five years, reducing the inconvenience and cost of replacing batteries.

The SF505 Wireless Smoke Detector features a low profile design, and blends in with any environment.

### FEATURES

- Fully supervised wireless 900MHz frequency transmitter
- Low profile design
- Disposable optical block chamber for on-site cleaning
- Operates on two 3V lithium batteries

### SPECIFICATIONS

**Dimensions:** 5.5" diameter × 2.63"D  
(150 mm diameter × 67 mm)

**Weight:** 9.9 oz. (with batteries)

**Range:** 1 mile, open field

**Batteries:** Two 3V lithium batteries

**Battery Life:** 3-5 years (typical)

**Environment:** 4°–37°C; up to 95% relative humidity  
(non-condensing)

### REQUIRED COMPONENTS

Tek-CARE®500 Wireless Emergency Call System



SF-505  
Smoke Detector

### ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The wireless smoke detector shall be TekTone® SF505 (SF-505) or approved equal as supplied by LEE DAN®. It shall use the 900MHz frequency for signal transmission and shall monitor its own sensitivity and operational status. No physical wiring connections shall be required to transmit an alarm call. Two 3V lithium batteries shall be included.

The smoke detector shall be no larger than 5.5" diameter × 2.63".

*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.*