



SF505ES Wireless Smoke Detector Specification Sheet

IL807
Section E
Rev. 4 - 12/2009



SF505ES

ARCHITECTS' AND ENGINEERS' SPECIFICATION

The wireless smoke detector shall be TekTone® SF505ES or approved equal. 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 transmitter shall be no larger than 5.5" diameter × 2.63".

FEATURES

The SF505ES Wireless Smoke Detector is for use with the Tek-CARE®500 Wireless Emergency Call System.

The SF505ES 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 SF505ES 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 SF505ES Wireless Smoke Detector features a low profile design, and blends in with any environment.

- Fully supervised wireless 900MHz frequency transmitter
- Low profile design
- *Clean Me* notification
- 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)
Batteries: Two 3V lithium batteries
Environment: 0°–50°C; 10%–90% relative humidity
(non-condensing)

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.

www.tektone.com

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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.)