

## Long-Range Alert System

The Long-Range Alert System by Sure-Fi is designed to enhance safety across extensive areas, such as campuses or large commercial properties. It incorporates Sure-Fi's renowned long-range wireless technology to maintain strong connectivity, allowing up to eight panic buttons to be linked to a central hub. This hub can be easily wired into existing alarm or access control panels, ensuring quick and reliable transmission of alerts, even through significant obstructions. This system is ideal for creating a secure environment where immediate response is critical.



## Benefits

The advantage of using the Sure-Fi Relay Kit is that it allows for control over distances and in locations where running wires would be impractical, costly, or physically impossible. This could be useful in a variety of applications, from home automation to industrial control systems.

### Features

- **Extended Range:** Employs Sure-Fi's proven long-distance wireless technology for dependable communication over large areas.
- **Multiple Device Connectivity:** Supports up to 8 panic buttons connected to a single central hub.
- **Seamless Integration:** Easily integrates with existing alarm and access control panels.
- **High Obstruction Penetration:** Designed to transmit signals effectively even through substantial obstructions.
- **Scalable:** Suitable for expanding across multiple buildings or areas as needed.
- **User-Friendly:** Simple installation and maintenance process.
- **Versatile Application:** Ideal for use in various settings such as schools, industrial sites, and commercial buildings.

### Items Included

- 8 Panic Buttons
- 1 Central HUB
- 12V Power Supply

**Long-Range Alert System**  
SFK-ALERT-LR0500

The Long-Range Alert System features cutting-edge technology for precise, dependable, and wireless integration with Wiegand access control setups.

**Worldwide Certification:**

This exclusive module is globally certified:  
 – FCC – CE – UKCA – IC – ANATEL – UAE  
 – BSI (India) – APAC – NOM – Israel – Singapore  
 – Thailand – China – Columbia

**Advanced Barrier Penetration:**

Equipped with a specialized, patented technology, it ensures effective signal transmission even through substantial physical obstructions.

**Remarkable Distance Capability:**

Efficiently communicates over distances up to 1 mile amidst dense barriers and extends beyond 50 miles in clear, unobstructed conditions.

**Specifications**

**Operating Voltage**  
12VDC

**Operating Current (@12VDC)**  
0.05A (idle), 0.3A (transmit)

**Operating Power (@12VDC)**  
3.6 Watt (peak)

**Transmit Power**  
1 Watt (30dBm)

**Frequency Band**  
**US**  
902.50 - 927.35 MHz

**INDIA**  
865.1 - 866.9 MHz

**UAE**  
863.2 - 869.8 MHz

**EU**  
863.050 - 869.950 MHz

**900 MHz**  
**BRAZIL**  
902.0 - 907.4 MHz  
915.2 - 927.6 MHz

**AUS**  
915.400 - 927.600 MHz

**JAPAN**  
920.600 - 923.400 MHz

**KOREA**  
917.100 - 920.300 MHz

**THAILAND**  
920.1 - 924.9 MHz

**CHINA and SINGAPORE**  
920.625 - 924.375 MHz

**COLOMBIA**  
915.10 - 927.35 MHz

**Frequency Modulation**  
CHIRP Spread Spectrum

**Channels**  
72 (Frequency Hopping)

**Receiver Sensitivity**  
-133dBm with Rolling Encryption Keys

**Link Budget**  
163dB

**Encryption**  
AES128

**Range**  
Up to 1 mile through obstructions and 50+ miles line-of-sight

**Battery Backup Connection**  
12V Sealed Lead Acid (SLA) type only

**Battery Charge Voltage**  
13.75V maximum at standby

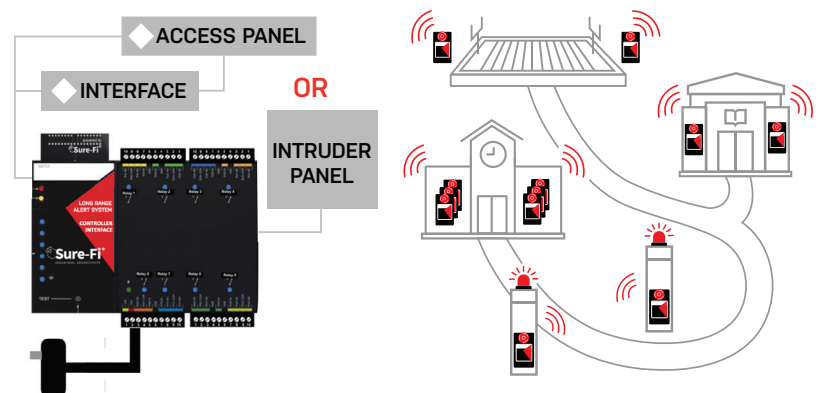
**Relays**

8 Relay Light Indicators
8 Corresponding Output Relays (terminal strips)

**Operating Temperature**  
-40 F to +185 F (-40 C to +85 C)

**Storage Temperature**  
-67 F to +257 F (-55 C to +125 C)

**Mounting Options**  
DIN (35mm x 7.5mm) or directly mount with two screws



5 Year Warranty