

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

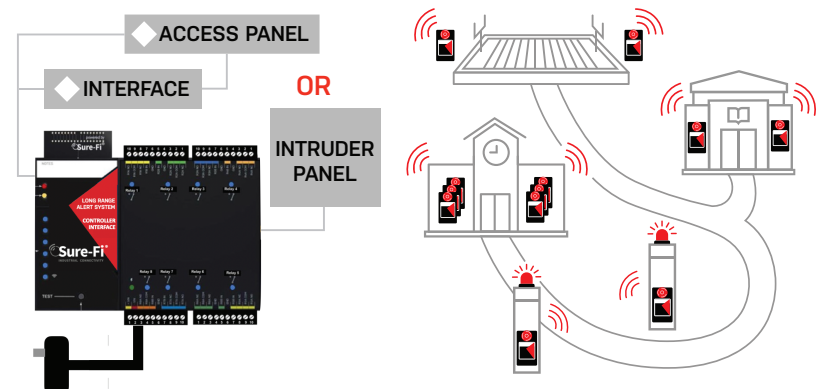
-40 F to +185 F (-40 C to +85 C)

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