

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

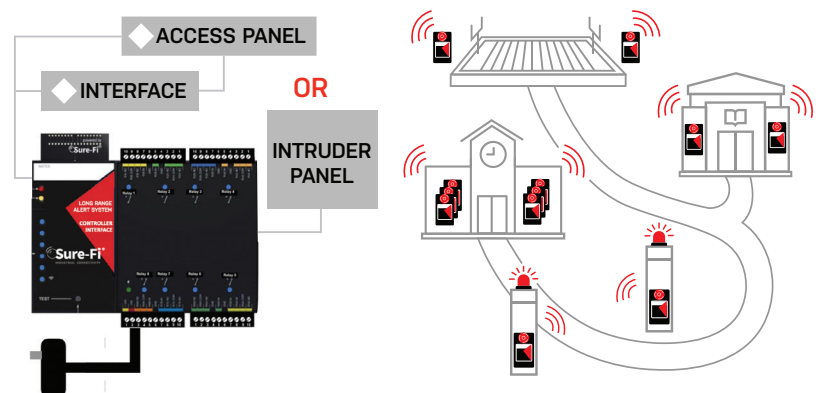
Relays

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