



Spread Spectrum SN930-DOOR Universal/Door Transmitter

SpreadNet®
The Power of Wireless™

*The SN930-DOOR
combines a wide gap
magnetic contact
with excellent
transmission range.*



Benefits

- **Easy Wireless Installation**
The Universal/Door transmitter is easily mounted in those previously difficult-to-wire places making installations both fast and easy.
- **Mounting Flexibility**
Mount this transmitter vertically or horizontally on any door, window frame or wall. Special alignment marks built into both the transmitter and the magnet housings aid in correctly aligning the magnet with the magnetic contact (reed switch). Transmitter may also be used with an external device.
- **Wide Gap Distance**
The magnetic contact has a maximum gap distance of 2 1/4". Moving the magnet (mounted on a door or window) more than 2 1/4" from the transmitter housing will cause the reed switch to open, indicating an alarm condition.
- **Designed for Commercial and Residential Applications**
With frequent supervisory check-ins (as often as every 30 seconds), the SN930-DOOR is an excellent solution for commercial, industrial and residential installations.



Features

Spread Spectrum Technology

SpreadNet wireless products are developed with true spread spectrum technology. SpreadNet signals from transmitters are sent at 100 milliwatts of output power over 126 simultaneous frequencies to the receiver for successful transmission.

Supervisory Check-In Rates

Supervisory check-in rates are programmable at 0 (no check-in), or a minimum of every 30 seconds up to 300 seconds, depending on the level of security needed.

Installer Programming

All programming is done via the C&K SN900-PROG hand-held RF programmer. No pre-programming is required.

Non-Volatile EEPROM Memory

EEPROM memory aboard each transmitter stores channel, property code, zone IDs and supervision rate, and eliminates reprogramming after replacing batteries.

Magnetic Contact

The unit is equipped with one internal reed switch mounted on the printed circuit board, and a magnet assembly.

External Device Option

The SN930-DOOR can be used with external devices such as external contacts, two-wire shock sensors, and outdoor solar-powered photo electric beams for perimeter detection.

Humidity Protection

Conformal-coated printed circuit board (PCB) provides protection against humid conditions.

Extended Battery Life Reduces Service Calls

With more power and 126 frequencies, the SN930-DOOR transmission signals require only quick on-air bursts, which extends battery life up to 5 years and reduces costly service calls.

Batteries (included)

This unit is designed for easy replacement of batteries and is protected against reverse battery polarity. Estimated battery life is 5 years.

Specifications

Physical Dimensions

Transmitter without spacer:
4 1/2" H x 1 1/2" W x 1 1/8" D
(12 cm x 4 cm x 2.9 cm)

Magnet without spacer:
1" H x 1 1/2" W x 2/8" D
(2.5 cm x 3.8 cm x 1 cm)

Spacer thickness:
1/10" (0.25 cm)

Weight

4 oz (113 g), with batteries

Mounting Location

Transmitter mounts on any door, window frame or wall. Verify RF reception prior to permanently mounting the transmitter.

Power Requirements

Two 3.6 VDC 1/2 AA lithium batteries included. Replace batteries every 5 years or at low battery indication, which ever occurs first.

Transmission Power

100 mW maximum, transmitting period of 7.6 mSec

Transmission Frequency

902 - 928 MHz Spread Spectrum

RF Immunity

30 V/m, all bands 10 MHz - 1000 MHz

Operating Temperature

32° - 140° F (0° - 60° C)
Up to 95% relative humidity (non-condensing)

Accessories

Battery Replacements:

C&K P/N 5-771-014-00
Model # SN31L-BAT
SAFT Model # LS14250

Magnet Assembly: P/N 1-000-931-01
Magnet Spacer: P/N 5-532-212-01
Transmitter Spacer: P/N 5-532-511-01
Bracket for easy mounting and removal

RF Emission Standards

USA: FCC Part 15
CANADA: Industry Canada (IC)

UL Compliance

1023 Residential Burglar