

# Infinity2000™

THE SMART WALL™



The ISC S-4 sensor is a weather sealed, UV resistant, high impact injection molded encased assembly permanently attached to the ISC S-10 sensor cable at regular intervals. The ISC S-10 sensor cable is a .280 inch multiconductor cable which, when mated with ISC S-4 sensors and attached to a perimeter with ultraviolet resistant cable ties can detect attempts to cut, climb or tamper with the perimeter material. The ISC sensor can reliably detect intrusion attempts on fences of chain link or welded mesh construction, concertina wire, barbed wire, all types of gates and even vibration on concrete walls. Zones can reach 27,000 feet in length.

Sensors can be mounted in any position and will respond to vibration in any axis. The sensor detection chamber provides internal mil. spec. gold plated contact points. The sensor is weather sealed and maintenance free.

## ISC S-10 SENSOR CABLE

**Maximum Zone Length:** 27,000 feet.

**Conductors:** (9) nine AWG: 22 stranded 730 tinned copper.

**Cable Jacket:** .060 black polyvinyl chloride and Teflon™ jacket, sunlight resistant - direct burial.

**Cable Diameter:** .280 nominal - .295 maximum.

**Applicable UL Designation:** Subject 13 NEC 725, type PLTC, 300v 105c.

**Surface Print:** ISC-9...E101837 (UL) type PL/TC 105c - 300v NEC Article 725 sunlight resistant - Direct Burial...22 AWG, 9/c.

**Output Points:** Form "A" relay contact outputs provided for each zone, plus tamper alarm relay, communication failure alarm relay, power failure alarm relay and one general output relay.

## ISC S-4 SENSOR

**Dimensions:** Height = 2.3 in., width = 1.5 in., depth = 1.0 in.

**Weight:** 1.5 oz.

**Power Requirements:** +5vdc EMI-RFI protected.

**Construction:** Injection molded UV protected mil. spec. plastic.

**Operating Temp:** -50 to +155 degrees Celsius, mil. spec.

**Sensor Cable:** Sensors are pre-assembled on shielded 22 AWG, 9 conductor cable.

**Sealing:** Sealed with mil. spec. #A-46146 RTV. Sensor is weather sealed and maintenance free.

**Sensor Contact Points:** Sensor detection chamber provides internal mil. spec. gold plated contact points. Chamber is weather sealed and maintenance free.

Note: Due to rapidly expanding technology, these specifications are subject to change without notice. Revised 10/4/2000.



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