

Infinity2000™

THE SMART WALL™



The ISC Infinity 2000 is a security monitoring and control system capable of total facility security management. A field proven sensor is integrated with advanced PC-based signal processing to provide an unprecedented level of control over the security environment.

The ISC Infinity 2000 utilizes a weather station. This fully integrated monitoring sub-system detects environmental changes resulting from wind and precipitation and supplies the necessary data to the system processor. Based on this continuously updated flow of information the Infinity 2000 processor constantly adjusts sensor operating parameters to minimize the generation of environmentally induced false alarms.

At the heart of each Infinity 2000 is a Windows 2000/NT software package that graphically displays your facility and the location of any alarms on a color CRT. Via touch screen or keyboard entry you can zoom in on an area, display alarm devices, arm and disarm zones, adjust sensitivity individually by zone, adjust wind and precipitation compensation individually by zone and activate other peripheral equipment such as CCTV cameras via serial port communication. The Infinity 2000 provides custom digital audio voice annunciation of alarms to alert security personnel and displays real time CCTV video on the alarm screen. The Infinity 2000 offers automatic scheduling of alarm inputs and custom reports of the alarm database in addition to displaying custom security personnel response information for each alarm on the alarm screen. The ISC Infinity 2000 offers the highest probability of detection coupled with the lowest false alarm rate in the industry.

Power Input Options: 120/240 VAC, 24 VDC, battery backup.

Enclosure: NEMA 4 or indoor, lockable with tamper switch.

Operating Temperature: -55 to +155 degrees Celsius. Wider temperature ranges available.

Lightning Protection: Semiconductor surge suppressors.

Input Points: Unlimited.

Maximum Zone Length: 27,000 feet, each zone, fully supervised.

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.

Hardware Protocol: RS-232 to host computer, RS-485/422 controller to field transponders.

Controls: Dip switch selectable addresses, modem select, wind and rain compensation enabler, reset switch.

LED Indicators: Power on.

Connections: Compression type terminal connectors, RS-232 (DB-25), RS-485 controller to field transponder.

Remote Communications: Capable of remote communications via modem to host computer. RF Link/Microwave available.

Sensitivity Control: Sensitivity software adjustable individually by zone (no field adjusting of transponders required). Wind and rain compensation software adjustable individually by zone. No field adjustments required.

Peripherals: WX-75M Weather Unit detects environmental changes resulting from wind and precipitation.

Sensor: Weather sealed, UV resistant sensor detection chamber provides internal mil. spec. gold plated contact points. Chamber is weather sealed and maintenance free.

Sensor Cable: 22 AWG, 9C, shielded EMI/RFI protected.

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



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