

IDS-4000



Taut Wire Perimeter Intrusion Detection System

The IDS-4000 combines a true physical barrier with highly reliable intrusion detection in one cost-effective product. Taut Wire Systems are currently in use worldwide, in all terrains and harsh environmental conditions, by virtue of their solid reputation for high reliability in protecting sensitive sites and facilities.

IDS-4000 effectively prevents intrusion and breach with the lowest false alarm and nuisance rates available.

True Physical Barrier

The IDS-4000 uses electromechanical sensors incorporated into a taut barbed wire fence to create reliable deterrence, prevention and detection. The system can be installed as a “stand-alone” system, wall/ roof-mounted, added to an existing fence or installed on gates and topped with 3 strands of barbed wire on brackets mounted at 45 degrees.

Patented, self-adjusting electro-mechanical sensors provide high reliability and maintain superior detection accuracy by automatically self-adjusting to any wire creepage caused by temperature variations, soil movements or other environmental changes. This important, self-compensating feature significantly contributes to the reduction of false alarms.

Electro-mechanic sensors are connected to a central computerized control center using advanced algorithms to analyze sensor signals and display detection events on strategically placed monitors for effective response and action.





Low False Alarm Rate

The combination of the self adjusting taut wire sensors and the unique high tensile barb wires account for extremely low False Alarm Rate (FAR) and Nuisance Alarm Rate (NAR): less than 1 per km (0.62 miles) per 3 months.

Environmental Endurance

ISD-4000 was designed to withstand harsh environmental conditions, including EMI/RFI interference and extreme climatic conditions. This fully environment-proof system ensures extremely high system reliability, with minimal maintenance requirements over many years of use.

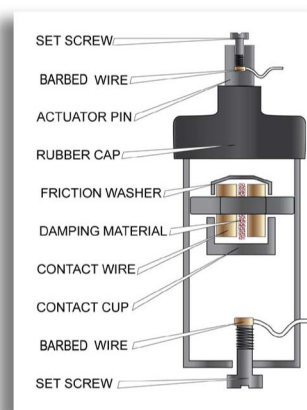
Computerized Control Center

IDS manufactures fully computerized control systems, which are customizable to any client specification. The Control Center is supplied as a standard PC workstation or as dedicated security consoles in rugged, environment-proof housing according to customer's requirements and needs.



TW Sensors

Double Wire Sensor



Single wire sensor

