Airfield Perimeter Fencing and Intrusion Detection System

ENCE DETECTION SYSTEM

Field-proven perimeter fence detection system for applications where the detection of cut or climb attempts is required. A newly enhanced FSK communications system increases the range for system communication across the sensor cables
When a target makes contact with the fence, the received signal is sampled to create a signature which describes the reflected pulse. Digital Signal Processing (DSP) measures the location and shape of this pulse. The microprocessor can differentiate the shape of a response from a Point Impact (cut or climb attempt) vs. a response caused by a Distributed Disturbance (rain, wind, vehicle traffic).
If the target is recognized as a Point Impact and exceeds the threshold, an alarm is declared and its precise location identified.

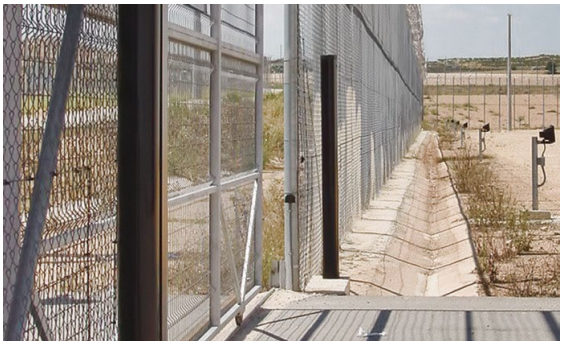
PASSIVE INFRARED INTRUSION SENSOR

Passive Infrared (PIR) Intrusion Sensor is an advanced stand-alone sensor specifically designed for outdoor intrusion detection applications. Two curtain-shaped sensing patterns detect intruders by sensing the temperature (heat radiation) difference between the background scene and that of the intruder

MICROWAVE TRANSCEIVER

Microwave Transceiver provides reliable three-dimensional protection in outdoor environments. sensitive, field adjustable detection circuitry is capable of detecting a human intruder while walking, running or crawling on hands and knees at a distance up to 61 m from the transceiver

OUTDOOR ACTIVE INFRARED INTRUSION SENSOR



is a long-range high performance, outdoor active infrared sensor for detection of walking, running and crawling intruders.