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.