

# Advanced Perimeter Security System

## APSS



The APSS is a new generation intruder detection system, designed to handle all aspects of perimeter protection. It upgrades any existing fence to the status of an electronic barrier with an exceptional detection resolution of  $\pm 10$  meters.

Wherever perimeter protection and intrusion detection are required, the APSS provides the utmost security with a system that is easy to install, operate and maintain. The long life sensor units are easily attached to the fence at approximately 3 meters intervals and are highly immune to extraneous environmental factors.

The APSS technology is approved for the protection of borders, military camps and top secret sites. It is certified by the most rigorous international standard such as EC, FCC, ISO 9001:2008 and more.

### Features

- The APSS can be installed on any type of existing security fence.
- The highest detection rate with the best resolution detection of  $\pm 10$  meters.
- Maximum performance with minimum electronic elements.
- Very low false-alarm rate due to special software algorithm.
- All weather operation.
- User friendly interface
- Easy to install and maintain.
- The APSS can be integrated with any other security system such as CCTV, PTZ cameras, IR sensors, access control systems, VMD solutions, video recording solutions, wireless communication systems etc

### Applications

- Border surveillance and protection
- Critical infrastructure protection
- Harbor surveillance

### Specifications

#### Sensor line

Operating temperature:	-45°C to +85°C
Relative humidity:	100%
Operating voltage:	5-v36
Operating current:	50-5mAmp
Enclosure:	In high impact plastic UV protected
Life expectancy	>10 years

#### Input/output Remote Unit

Operating voltage:	12VDC
Power consumption:	5 mAmp TYP without relay activation
End-of-line resistor:	27Kohm
Communication frequency:	1 KHz
Dry contact:	2 Amp Max

#### Interface unit

Power supply:	90 to 250 VAC
Communication:	RS-232
Communication with remote unit:	Synchronic (1KHz)
Lightning protection:	up to 6500 amps transient spark suppression
Response time:	35 Nano seconds

#### Remote perimeter control

Operating voltage:	12VDC
Current consumption	0.20 Amp. Max.
Output pulse amplitude	5v
Operating temperature	-45°C to +85°C