

## **GUARD TOWER<sup>®</sup> PERIMETER SECURITY SYSTEM**

### ***Filters nuisance alarms and identifies precise breach location***

The patent-pending Guard Tower<sup>®</sup> perimeter security system is a physical barrier that also serves as a smart intrusion detection system. It can filter weather related nuisance alarms and is capable of identifying the breach point to within 10-feet. The control system is extremely versatile, with alarm resolution down to the wire and post location. The Guard Tower system can be configured differently based on budgets, threat levels or the security requirements for a given application and can be easily upgraded as security level requirements increase.



The Guard Tower<sup>®</sup> system integrates with CCTV cameras, automatically directing images to control monitors for security personnel to visually assess an alarm condition.

### **GUARD TOWER<sup>®</sup> SYSTEM**

- filters out weather-related nuisance alarms
- detects wire deflection in any direction
- capable of identifying perimeter breaches to within 10-feet
- integrates with CCTV surveillance systems; directs cameras to breach location for instant video verification
- detection system with non-lethal option
- optional wireless communications link
- stand-alone installation or mount on existing fence, roof or wall top
- extremely low power draw – less than 1 milliAmp per post
- solar power option
- cost-saving installation
- easy to operate and maintain



## GUARD TOWER® PERIMETER SECURITY SYSTEM

The Guard Tower perimeter security system is versatile and affordable to protect a variety of perimeters. It can be used in any height (in 1-foot increments) as a stand-alone barrier or as an outrigger on roof tops, fence tops or wall tops. Adjusts to variable and demanding terrain.

### Security Level 1

#### IWD – Individual Wire Detection

Provides optimal performance and protection. Security staff are able to control each wire's response to a physical trigger, allowing for simple adjustments and filtering of weather-related alarms, such as drifting snow, directly from the headend. Simple drop down commands allow alarm point configurations to change from headend.

### Security Level 2

#### PD – Post Level Detection

Each post generates its' own unique identification which can be mapped to identify an alarm at the post location.

### Security Level 3

#### EWD – Electronic Wire Detection

The wire array is configured into a continuity loop which will alarm if continuity is disrupted through a cut wire or if adjacent wires touch or are grounded. Requires one Guard Tower per mechanical zone and goes from anchor-point to anchor-point. Can not be integrated with a non-lethal shock system, however the system can be easily upgraded in the future to accommodate Level 1 or Level 2 capabilities.

### SYSTEM CONFIGURATION OPTIONS

	Security Level 1 Individual Wire Detection	Security Level 2 Post Level Detection	Security Level 3 Electronic Wire Detection
Point Identification	<i>Each Wire per Post</i>	<i>Post</i>	<i>Zone</i>
Alarm Filtering	<i>Mechanical or via Headend Software</i>	<i>Mechanical</i>	<i>Not Available</i>
Probability of detection	<i>Extremely High</i>	<i>Very High</i>	<i>High</i>
Tamper Protection	<i>Fully Supervised System</i>	<i>Non-Supervised System</i>	<i>Non-Supervised System</i>
Nuisance Alarm Rate	<i>Extremely Low</i>	<i>Very Low</i>	<i>Very Low</i>
Zone Configuration	<i>Matrix wire array with unlimited horizontal and vertical zone configurations</i>	<i>Horizontal wire array with unlimited horizontal zone configurations</i>	<i>Maximum zone length of 1000'</i>
Integrates with CCTV systems	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>
Plug and play integration with other sensing systems	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>
Optional wireless communication link	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>
Optional non-lethal mode	<i>Yes</i>	<i>Yes</i>	<i>No</i>