



# Mono-Guard™ & Multi-Guard™

The Multi-Guard™ and Mono-Guard™ Systems are the latest venture in loss prevention. This well-designed and engineered Electronic Article Surveillance system works on a 58Khz frequency making it compatible with all existing acousto-magnetic (AM) tags and labels.

The system is today's most technically advanced 58Khz pedestal system on the market. The system is not only plug and play, but fully digital and software driven. The system has the latest DSP technology that constantly changes its phase and checks the environment it protects thus eliminating false alarms that you get from using other systems.

## Features

- ▲ Simple to install
- ▲ Built in alarm
- ▲ Port for external alarm
- ▲ System is constructed of strong, light ABS Molding
- ▲ Detects EAS tags & labels operating at 58Khz
- ▲ Greater detection in all tag orientations
- ▲ Detection range of up to 2m with Multi-Guard and up to 1m on either side of the Mono-Guard with a Label. Greater detection can be achieved with Hard Tag only configuration
- ▲ Digital signal processing
- ▲ Self tuning electronics
- ▲ CE, FCC, UL approved
- ▲ IR Remote controller

Fully compatible with all AM tags and labels

Configurable to a variety of entrance sizes

These systems are software driven and work in conjunction with any 58Khz tag or label. The system's receiver listens for the unique signal, and the sequence produced is then verified and multiplied in a fraction of a second. When the presence of a 58Khz tag is identified, this will alarm the system.



## Specification

### Mono-Guard



### Multi-Guard



### Detachers



### Deactivation



### Hard Tags & Labels



### Detection

Max detection between pedestals with a Label  
 .....Multi-Guard 2m  
 .....Mono-Guard 1m

### Receiver (Multi-Guard only)

Inputs: .....2 ports  
 Operating Frequency: .....58Khz

### Transmitter

Operating Frequency: .....58Khz  
 Transmit Burst Duration: .....1.6ms  
 Burst Rate (50Hz): .....37.5Hz  
 Burst Rate (60Hz): .....45Hz

### Alarm

Output Port Relay: .....Normally Open  
 Contact Switching Current: ..1A  
 Contact Switching Voltage: ..120vac/24vdc  
 Regulatory: .....CE, FCC, UL

### Electro-Mechanical

Pedestal Dimensions (HxW) ..1470mm x 440mm  
 Shipping Specification .....Multi-Guard:  
 3.2m x 5.8m x 18.3m  
 14 Kg  
 .....Mono-Guard:  
 2.2m x 5.8m x 18.3m  
 10 Kg

Combined Weight: .....Multi-Guard 14 kg  
 Mono-Guard 8 kg  
 Voltage: .....100-120vac or 200-240vac@50/60Hz  
 Current Draw: .....Multi-Guard 0.5/0.25A  
 Mono-Guard 0.6/0.3A  
 Input Power: .....Multi-Guard 55W  
 Mono-Guard 66W

### Environmental

Ambient Temperature: .....0 - 30°C  
 Relative Humidity: .....90% Non-condensing

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE