SecureDetect

SecureAccess

SecureBarrier

SecureDetect

SecureLight

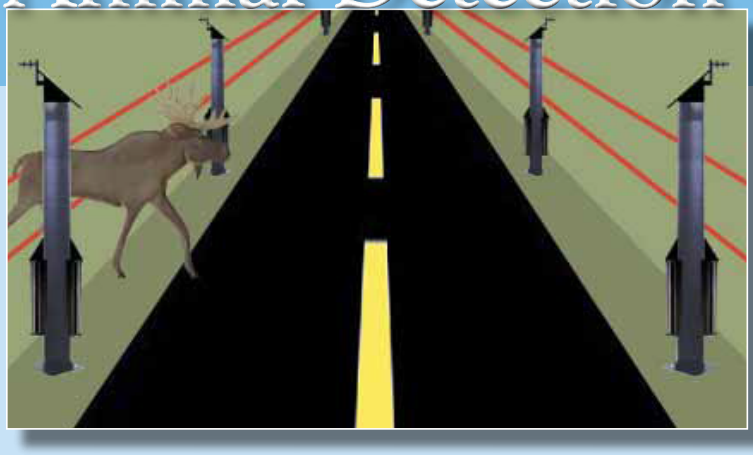
SecureView

Animal Detection System

Safeguard's Animal Detection System is completely wireless, environmentally friendly and solar-powered. It can detect bear, moose, elk, deer, mountain lion and any other roaming animal as they are entering the roadway. Each sensor can cover up to 650 feet (200 meters) while additional units can be used for longer distances (unlimited). In addition to being fully-integratable with other security systems, this money-saving system can cover curved roadways with additional sensors that can follow almost any terrain.

SecureDetect

Animal Detection System



FEATURES & BENEFITS

- Made in the USA
- Animal-safe and environmentally friendly
- Fully independent, self-supporting solar-powered system
- Automatic detection of animals crossing roadways
- Timely notification to approaching motorists
- Can support active detectors, strobes and other techniques
- No permanent unsightly changes to the roadway
- Pre-configured for integration of camera systems
- System alerts of maintenance needs
- Completely wireless - no trenching, wiring or pulling of wires
- Reconfiguration and relocation is as simple as moving towers

APPLICATION

Ideal applications for the Animal Detection System is any roadway where animals may roam, and cause risk to themselves and motorists.

SPECIFICATIONS

Material:
Polycarbonate material with a lexan face sealed lens cover
Voltage:
Solar Panel: 18.5Vdc DC via 20watt and 40watt
Supply: 9.5 VDC to 13.5 VDC
Battery Supply:
Four batteries -12volt 12amp, total 48amp stand-by-power
Autonomy:
15 days @ 75A single stack
7 days double stack @ 150A (dual)
Protection Distance: up to 650 feet recommended
Detection System:
Active IR point-to-point intelligent dual beams
Frequency: 440-480 MHz

Current Photobeam Consumption:
Quiescent: 100-170ma single stack/200-265ma dual stacked w/long range radio
Current Radio Consumption:
60ma stand-by, 750-1.4 amp 1 sec. burst transmitting
Transmission Range:
Up to 5 miles from tower to receiver
Short range - up to 3000ft.
Signal Output:
8- Digital Channels per tower for alarm, 4 analog channels for environmental monitoring, beam alignment, solar & battery voltage telemetry
Options/size:
Voice speaker system, PC Interactive, CCTV Still Photo on alarm, Zoned relay output, strobe light
Dimensions:
Tower units vary depending upon application. Typical size is between 6' and 14' and may be designed to specific needs.

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