FiberMesh 2005

Fiber Optic Mesh Fence

A Fence sensor and Barrier in one

Proven reliability with no false alarms

Withstands UV radiation

Very high life expectancy

Low power consumption

Flexible installation

Simple to repair

Compatible with mounted CCTV systems and interfaces with any alarm system

Resists corrosive salt spray, dust proof and weather proof.

Withstands EMI and RFI radiation (perfect for airports).

Secure against signal leakage and interference.

Waterproof - can be used for under water fencing.

The Perfect Perimeter Intruder Detection System

FiberMesh 2005 is based on a fiber optic mesh hanging on a taut wire which can be mounted on an existing fence or used as the actual fence. In addition to the fiber optic which is activated when cut, our proven sensor is connected to the top taut wire to set off an alarm in case of an attempt to climb the fence.

System Description

The mesh is made of fiber optic cable forming squares of 15x15 cm (6 x 6 in.). Each joint is rigidly connected, and cannot be separated without breaking the cable.

The FiberMesh 2005 can be easily attached to existing perimeter fences using dedicated metal fittings.

The mesh is supplied in 10 m (32.8 ft.) sections that can be connected to each other to create a 100 m (328 ft.) long alarm zone. Parallel electrical connection can create larger zones if required.

The electronic Infra-red (IR) Laser light is pulsed through the looped FiberMesh. Any break in the mesh by an attempt to intrude, such as bridging, cutting, breaking or applying pressure will be detected and trigger an alarm.

The upper part of the fence is protected by a the DTR taut-wire sensor located every 100 m (328 ft.) on the fence. Any load within the 15 - 40 kg (33 - 88 lbs.) range will trigger an alarm.

Senstar **Stellar**