FFT Secure Point™

Simple security without compromise

FFT Secure Point™ is a highly sensitive yet economical dual zone fiber optic intrusion detection controller, specifically designed to detect intrusions on smaller perimeter chain link, weldmesh, and palisade fences.

Advanced signal processing and event discrimination is employed resulting in better event detection with reduced nuisance alarms. Multiple controllers can be deployed to protect those sites or applications requiring more than two zones.

FFT Future Fibre Technologies™

The ultimate force in fiber optic intrusion detection

Key Benefits

Delivers a cost effective yet flexible solution for smaller perimeters without compromising on performance.

Designed for easy out-of-the box installation and setup by laptop with the free wizard configuration software.

Powerful interfacing options – TCP/IP, USB, as well as traditional Form C contacts. Can interface with FFT CAMS™, other FFT products and systems, plus third party devices.

Optional splice free installation of fiber optic cables.

Peace of mind with FFT's two year warranty backed up by a global network of offices providing after sales support in more than 55 countries.

Flexible installation options – can be configured with individual controllers housed in NEMA 4 enclosures in the field, or rack-mounted in a secure control room up to 10km (6 miles) from the perimeter, linked by an insensitive fiber optic lead-in cable.

→ Utility substations
→ Solar farms
→ Storage yards
→ Construction sites
→ Pumping stations
→ Block valve sites

FFT Secure Point™ is the ultimate dual zone fiber optic perimeter intrusion detection system, setting new standards for both sensitivity and the control of nuisance alarms. Powerful yet easy to configure, it is sensitive enough to work on almost all fence types, without the need to house the sensor cable in conduit. The simple installation, reliability and maintenance free operation delivers the lowest possible Total Cost of Ownership (TCO).

How It Works

Unlike competitor fiber optic products, the highly sensitive interferometric single mode fiber optic sensor cable used by Secure Point detects even the smallest vibration, movements, or pressure acting on the perimeter fence it is attached to.
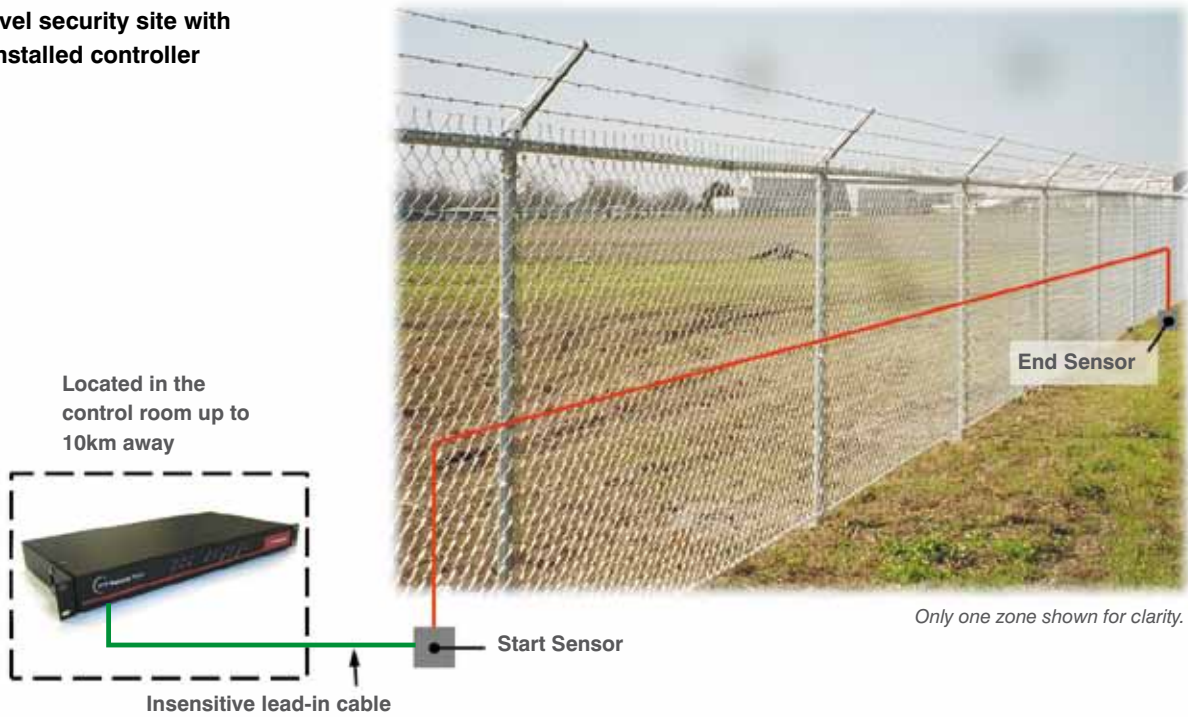
This improved sensitivity results in a higher probability of detection (POD) of an intruder. FFT's advanced signal processing and intelligent algorithms are used to analyze and identify different events within the detected signal, removing nuisance events yet retaining legitimate intrusion event information. This type of advanced signal processing is usually only found in systems costing many times more.

The Secure Point controller is available in two configurations. The controller can be located or installed in the field or on the fence line in the optional NEMA 4 enclosure. Or the controller can be installed inside a secure control room up to 10km (6 miles) away from the perimeter.
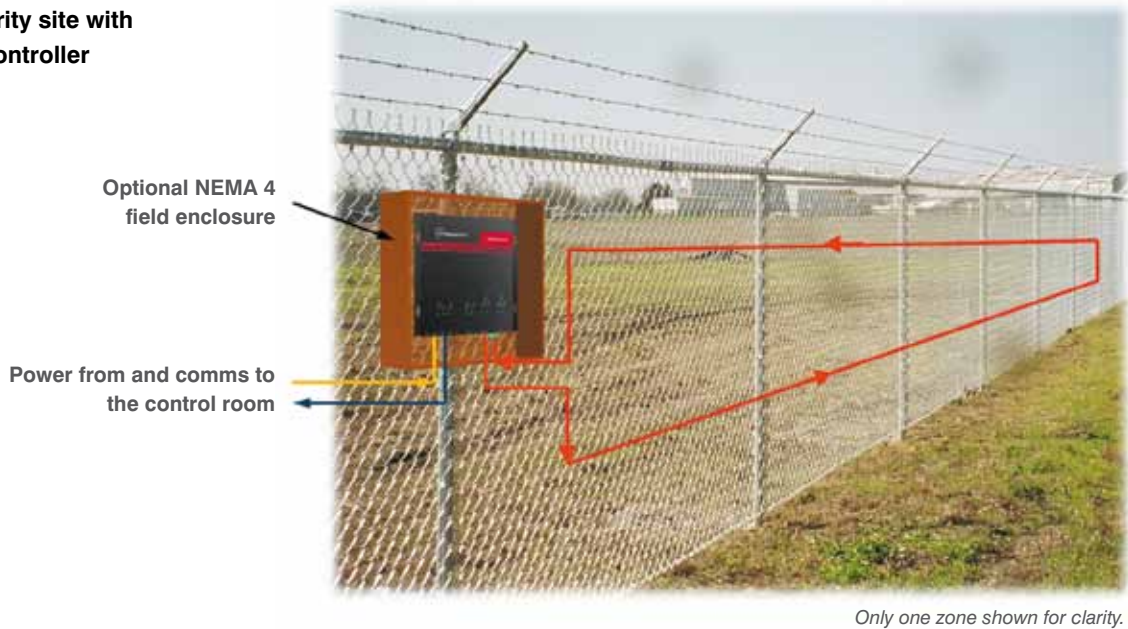
The superior detection performance is the same regardless of the configuration chosen, and multiple controllers can be deployed to protect those sites or applications requiring more than two zones.

FFT Secure Point™

Medium level security site with remotely installed controller

Located in the control room up to 10km away

End Sensor

Only one zone shown for clarity.

Start Sensor

Insensitive lead-in cable

High level security site with field installed controller

Optional NEMA 4 field enclosure

Power from and comms to the control room

Only one zone shown for clarity.

FFT Secure Point™ is the ultimate two zone fiber optic intrusion detection system

FFT Secure Point™

FFT Secure Point™ Specifications

Fiber Optic Sensor
Custom UV stabilized single mode fiber optic sensor cable – expected life >20 years.

Sensing Configuration
Two independent zones per controller with high sensitivity interferometric sensor.
Controller can be housed in NEMA 4 enclosure in the field or rack mounted in a secure control room up to 10km, or 6 miles from the perimeter by an insensitive lead in cable.

Supported Fence Types
Most types of fences including chain link, chain mesh, welded mesh, and palisade fences.

Zone Length
Maximum sensor cable length 500m (1600ft) per zone.

Lead-in Cable
10km or 6 miles for remote configuration.

Operating Temperature Ranges
Field installed controller   -30°C to 70°C (-22°F to +158°F).
Rack mount controller   -0°C to 70°C (+32°F to +158°F).
Sensor & lead in cables   -40°C to +70°C (-40°F to +158°F).

Controller Dimension
210mmL x 270mmW x 42mmH (8.27"L x 10.63"W x 1.65"H).
Weight 1.5kg excluding power supply.
Optionally fence mountable in NEMA 4 enclosure.
Optional 19" rack mountable (1U high). Weight 3.0kg.

Electrical Specifications
Input voltage: 8–30V DC, power consumption<3W.

Alarms
Intrusion, Fiber Break, System Fault, Over Temperature and Tamper.

System Interface
Form C contact outputs and TCP/IP for high level integration and communication as standard.
Can interface with FFT CAMS™, other FFT products and systems, plus third party devices.

Warranty
FFT's global two year manufacturer's warranty.

Seasonal Calibration
No seasonal calibration or adjustments required.

Certified System ™
Quality
ISO 9001
SAI GLOBAL

Contact FFT

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