

# FFT Secure Fence

## HIGH PERFORMANCE PERIMETER DETECTION

### FFT Secure Fence detects and locates intrusions on large perimeters and country borders to within 10 meters.

Pinpointing the location of fence climbing, lifting or cutting, a single controller can protect perimeters up to 80km long, with multiple systems networked to monitor complex sites and longer distances.

FFT's industry leading advanced signal processing minimises nuisance alarms, without compromising intrusion detection sensitivity.

Secure Fence works effectively on all fence types including Chainmesh, Chainlink, Weldmesh and Palisade.

### KEY BENEFITS & FEATURES

- Detects fence climbing, cutting, lifting, and digging
- Connects to a sensor cable straight run of 40km (25 miles) or a loop of 80km (50 miles)
- Locates intrusions to within 10 metres (30 feet) to 25 metres (80 feet), depending on fence type
- Detects multiple simultaneous intrusions along the perimeter fence
- No electronics or power in the field
- High sensitivity and probability of detection with low false/nuisance alarm rate
- Immune to EMI/RFI and intrinsically safe
- Two-year warranty

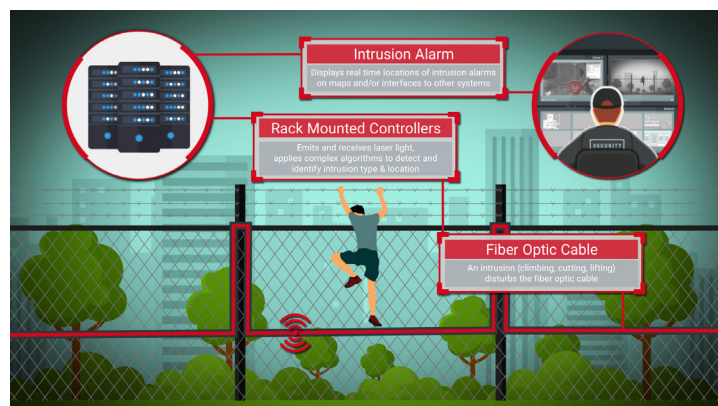
### HOW IT WORKS

Simple to install and operate, the FFT Secure Fence system delivers outstanding levels of detection and location combined with one of the lowest Nuisance Alarm Rates available. Maintenance free, the system operates easily and reliably under a wide range of operational and environmental conditions.

FFT Secure Fence controllers are connected to fibre optic cables that are mounted on fences and gates to detect climbing, cutting or lifting, or buried along fence-lines to detect digging.

Each controller transmits laser light down fibre optic sensing cable and then monitors and analyses disturbances in returning light to detect the nature and location of intrusion alarms.

At the heart of the system is the intelligence built into the FFT Secure Fence controller. The controller uses advanced signal processing techniques in parallel with intrusion detection to identify and ignore environmental and other unwanted nuisance alarms.



## APPLICATIONS

- › Military bases
- › Oil refineries
- › Power plants
- › Country borders
- › Government facilities
- › Petrochemical plants
- › Sea ports
- › Airports



## WHY FFT SECURE FENCE

- Receive alerts to check camera displays, dispatch security staff or point a specific security camera at a suspected intrusion.
- Confidently detect intrusions. Security staff can have confidence in the high probability of detection and extremely low nuisance alarm rate consistently delivered by FFT Secure Fence.
- Minimal up-front costs. Only one system is required to support up to 80km (50 miles) of fibre optic sensing cable. FFT Secure Fence delivers the lowest installed cost per foot.
- Minimise ongoing total cost of ownership, taking advantage of simple installation and field maintenance free operation with proven reliability and durability.
- No in-field power and electronics. FFT fibre optic detection cables are unaffected by RFI, EMI, lightning or storms and are intrinsically safe for operation in potentially explosive environments.

## ABOUT AVA GROUP

Future Fibre Technologies is an Ava Group Company, a global leader in providing technologies and services to protect critical and high value assets and infrastructure. Trusted by some of the most security conscious commercial, industrial, military and government clients in the world, the Group offers a range of complementary solutions including intrusion and condition monitoring, perimeter detection and illuminators, and biometric and card access control.