

FFT Secure Pipe™ Specifications

Fibre Optic Sensor	Can use existing dark single mode fibres if suitable, or FFT's custom direct burial single mode fibre optic sensor cable. Expected life > 25 years.
Sensing Configuration	Distributed sensor with up to 40 km (25 miles) of pipeline protected per controller. Multiple systems can be networked to protect longer pipelines.
Location Accuracy	Within 150 metres (150 yards) anywhere along the pipeline (or better)
Probability of Detection (POD)	Independently tested to better than 95% due to intelligent signal processing and analysis of disturbances.
Nuisance Alarm Rate (NAR)	Less than 3% due to multi-parameter intelligent signal analysis, discarding non-intrusion and environmental events.
Operating Temperature Range	FFT Sensor Cables: -40°C to +70°C (-40°F to +158°F)
Controller Dimensions/Weight	175mm H x 485mm W x 530mm D (6.9" H x 19.1" W x 20.9" D) Weight 24 Kg (53 pounds). 19" rack mounted, 4U high.
Electrical Specifications	Input voltage 110-240VAC, 50-60Hz, auto ranging, max 300 watts. Note: All field-installed components are intrinsically safe and require no power, communications, or electronics on the pipeline.
System Interface	<ul style="list-style-type: none">• TCP/IP via FFT's CAMS (Central Alarm Monitoring System) software• Optional dry contacts• Optional software development kit available to interface to a range of security management systems and devices.
Alarm Monitoring	Real-time distributed monitoring. Provides an intuitive map-based operator GUI, and interfaces to CCTV systems, MODBUS, email systems, external SMS systems, lighting, alarms etc. via TCP/IP.
Warranty	Comprehensive 2 year warranty on hardware and software with on-going warranty extension program available for the life of the product.
Seasonal Calibration	No seasonal calibration or adjustments required.
Zone Length & Number	Infinitely variable. "Virtual Zones" are created in the CAMS software to suit specific site requirements.

The Leader in Fibre Optic Intrusion Detection & Location Systems

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