

Front-line patrol fiber optic sensor



Overview

The FiberPatrol FP1150 works by transmitting pulses of laser light into a single-mode optical fiber and accurately measuring the minute light reflections that occur along its length. A disturbance of the fiber caused by fence vibrations changes the amount of light returned from that. FiberPatrol FP1150 is a perimeter intrusion detection system that can be fence-mounted, buried, or deployed in a wall-top configuration. It can also be used to protect data conduits and buried pipelines. FlexZone is a cable-based fence-mounted system that detects and locates any attempt to cut, climb or otherwise break through the fence. Whether it's people approaching a fence, vehicle movement in restricted zones, or mechanical tampering. Long range fiber-optic sensor up to 16 km (10 mi) for perimeter applications up to 50 km (30 mi) for buried pipeline protection Accurate location of intrusion attempts ± 8 m (25 ft) typical for perimeter applications ± 10 m (33 ft) typical for buried pipeline applications Accurate ranging of multiple.



Article Content

SENSTAR FIBERPATROL FP400 PRODUCT MANUAL Pdf Download

System description The FiberPatrol FP400 is a fence-mounted perimeter intrusion detection system that detects intruders using a fiber optic sensor cable that is attached to the fence.

Property Perimeter Fence Sensors

What Are Fence Sensors? Intrusion detection sensors are key to effective perimeter security. Fence-mounted sensors detect and locate intruders at the fence line,

FPDA0802-402_RL

For fence-mounted applications the sensor cable is a communication-grade single-mode fiber optic cable intended for outdoor installation. The cable includes two dedicated sensing fibers.

Senstar's FiberPatrol FP1150

Ottawa, ON, Canada – June 19, 2018 – Senstar is pleased to announce the FiberPatrol FP1150, the newest addition to its fiber optic perimeter intrusion

FiberPatrol® FP1100X

The FiberPatrol FP1100X is a fence-mounted intrusion detection system designed to provide up to 50 km (31 mi) of perimeter protection using fiber optic sensor

Product Guide

The sensor cable is communication-grade single-mode fiber optic cable intended for outdoor installation. The cable includes 12 fibers and each detection zone requires 2 dedicated fibers.

FiberPatrol FP400 | PIDSA

FiberPatrol FP400 is a zone-reporting fence-mounted fiber optic intrusion detection sensor that detects intruders climbing, cutting or lifting the fence fabric. The fiber

Senstar's FiberPatrol FP1150 Fiber Optic Intrusion

Ottawa, CANADA – June 8, 2020 – Senstar, a world leader in perimeter intrusion detection and video management solutions, is pleased to introduce

Home | Fiber SenSys Inc.

Fiber SenSys®, Inc., (FSI) is the market-leading manufacturer of fiber-optic intrusion detection systems for outdoor perimeters and physical data networks. FSI

FiberPatrol FP400

The FiberPatrol FP400's fiber optic sensor cable is completely immune to EMI and lightning. Intrinsically safe in explosive atmospheres, the FP400 is ideal for protecting electrical substations, pipeline valve

Using Covert Fiber Optic Technology To Protect

Security Digest Using Covert Fiber Optic Technology To Protect Borders Securing a border that traverses sparsely populated areas poses substantial law

Fiber Optic Intrusion Detection

Senstar's fiber optic sensor provides long-term covert third-party interference (TPI) protection for buried pipes. In addition, it can be configured to provide intrusion

FiberPatrol FP1150 Point-locating Fiber Optic Sensor for Data Conduit ...

The FiberPatrol FP1150 advanced fiber optic sensor detects third-party interference (TPI) to fiber optic data links and other cable infrastructures. The FP1150 requires just one optical fiber to detect

TECHNICAL SPECIFICATIONS FiberPatrol® Sensor Cabl

Orderable Parts Sensor cable is sold per meter (3.28 ft). Preferred reel lengths to be specified at the time of order FPSP0424-001 – Fiber optic sensor/lead cable for fence applications, 24 fibers

Perimeters & Borders Monitoring | Fiber Optic Sensing

It detects footsteps, vehicle movements, mechanical disturbances, and potential tampering activities along extensive perimeters. This fiber-based solution

FiberPatrol -PR

FiberPatrol-PR's advanced fiber optic technology provides up to 24 km (14.9 mi) of protection in perimeter applications. No powered or conductive items are required in the field, making the sensor

Property Perimeter Fence Sensors

FiberPatrol FP400 is a zone-reporting fence-mounted fiber optic intrusion

FiberPatrol-PR

FiberPatrol-PR for fence, wall and dataline protection provide up to 16 km of fiber optic sensor cable and come in six length-capability versions ranging from 1.5 to 16 km (5,000 ft to 10 mi).

Site planning and installation guide

The FiberPatrol fence-mounted perimeter intrusion detection sensor system, detects and locates intruders using fiber optic technology. FiberPatrol senses and locates minute vibrations in the fence

Senstar: FiberPatrol FP1150: Perimeter Security For the

When security professionals design perimeter protection systems, they face a fundamental question: Will this solution still protect my facility in ten,

Linear Ground Detection Border Security Monitoring

The system can classify critical events, such as a person or a vehicle, while ignoring insignificant signals like animals or severe weather. The system uses off-the

Fiber Optic Sensors for Intrusion Detection – FiberPatrol

Security Digest Fiber Optic Sensors for Intrusion Detection – FiberPatrol FP1150 Fiber optic sensors are ideal for protecting sites of all types and sizes, including

FiberPatrol FP1150

FiberPatrol FP - Fiber Optic Sensor Detection Protect Sites with Confidence With supported distances of up to 80 km (49.7 mi), FiberPatrol FP is ideal for protecting a variety of sites, including airports,

Fence Mounted Sensors

Fiber Defender® Alarm Processor Units (APUs) are CE/RoHS compliant and made in the USA.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.introspec.co.za>

Email: info@introspec.co.za

Phone: +27 73 849 2156

Address: 25 Riebeek Street, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

