

1

00:00:01,310 --> 00:00:04,500

we are proud to present our newest state

2

00:00:04,500 --> 00:00:06,720

of the art fiber sensor for long

3

00:00:06,720 --> 00:00:08,820

perimeters with accurate intrusion

4

00:00:08,820 --> 00:00:14,070

location a single processor with a

5

00:00:14,070 --> 00:00:16,379

standard fiber cable can protect long

6

00:00:16,379 --> 00:00:18,810

perimeters these could be different

7

00:00:18,810 --> 00:00:21,170

types of physical barriers such as

8

00:00:21,170 --> 00:00:24,410

welded mesh

9

00:00:24,800 --> 00:00:27,960

Jean link fence

10

00:00:27,960 --> 00:00:31,250

top walls

11

00:00:32,369 --> 00:00:37,890

and buried pipelines the technology

12

00:00:37,890 --> 00:00:40,050

leverages the phenomena that when light

13

00:00:40,050 --> 00:00:42,210

travels in a fiber a fraction of the

14

00:00:42,210 --> 00:00:44,910

photons scatter back to the source this

15

00:00:44,910 --> 00:00:46,500

return carries valuable information

16

00:00:46,500 --> 00:00:49,769

regarding intrusions the processor acts

17

00:00:49,769 --> 00:00:52,050

like radar pulses of light are

18

00:00:52,050 --> 00:00:54,300

transmitted and in between back

19

00:00:54,300 --> 00:00:55,979

scattered energy is measured and

20

00:00:55,979 --> 00:00:58,440

displayed correlated to the time of

21

00:00:58,440 --> 00:01:01,440

travel when the fiber is static the

22

00:01:01,440 --> 00:01:04,920

display shows no spikes an intrusion

23

00:01:04,920 --> 00:01:07,410

would shake a section of the fiber and a

24

00:01:07,410 --> 00:01:09,539

spike would show due to the change in

25

00:01:09,539 --> 00:01:11,399

the nature of the back scattered energy

26

00:01:11,399 --> 00:01:14,130

a redundant configuration with

27

00:01:14,130 --> 00:01:15,630

Streamlight clockwise and

28

00:01:15,630 --> 00:01:19,020

counterclockwise simultaneously enabling

29

00:01:19,020 --> 00:01:21,600

full functionality even if the cable is

30

00:01:21,600 --> 00:01:24,899

cut the extended range system for

31

00:01:24,899 --> 00:01:25,530

pipelines

32

00:01:25,530 --> 00:01:27,479

minimizes the number of infrastructure

33

00:01:27,479 --> 00:01:29,729

locations where equipment needs to be

34

00:01:29,729 --> 00:01:35,159

installed fiber Patrol delivers accurate

35

00:01:35,159 --> 00:01:38,369

location of intruders detects multiple

36

00:01:38,369 --> 00:01:41,399

simultaneous intrusions no need for

37

00:01:41,399 --> 00:01:44,640

outdoor power or electronics EMI and

38

00:01:44,640 --> 00:01:47,789

lightning immunity superb ease of

39

00:01:47,789 --> 00:01:50,940

installation and self-healing in case of

40

00:01:50,940 --> 00:01:54,330

a fiber cut fiber Patrol an innovative

41

00:01:54,330 --> 00:01:57,119

security solution for airports borders

42

00:01:57,119 --> 00:02:00,209

energy and utility and any other long

43

00:02:00,209 --> 00:02:04,220

perimeter or pipeline application