



FiberPatrol FP1100

1. What are the typical applications for the FiberPatrol FP1100 system?

Installed either alone or as part of an integrated solution, the FP1100 intrusion detection system provides perimeter security in both fence-mounted and in-ground sensor applications. The FP1100 is also used for protection of communication and utility infrastructures.

2. Where has the FiberPatrol FP1100 system been deployed?

The FP1100 has been deployed to protect government facilities, military bases, airports, power plants, petrochemical and water treatment facilities, and other high end commercial assets, with complete end-user satisfaction.

3. How many FP1100 units are required to secure the perimeter of a typical site?

A single FP1100 system is all that is typically required. One continuous sensor cable can extend for miles and does not require electrical power anywhere in the field.

4. Can the FP1100 sensor cable be used to transmit video and data signals?

The FiberPatrol sensor cable may optionally include from a few to several dozen extra fibers that can be used for video and data transmission, or any other purpose.

Furthermore, FiberPatrol fiber communication product line provides transmitters and receivers to enable transmission of video, audio, IP, serial and relay contact data over either the Fiber Patrol sensor cable or separate fiberoptic cables.

5. Can FP1100 systems be controlled and monitored remotely?

The FP1100 provides a generic XML-based Third Party Interface (TPI) for alarm notification, which can be used by alarm management systems such as Optellios' FPRAMS for remote control and monitoring. The FPRAMS can be used to monitor and configure multiple FP1100 systems from one or several remote locations.

6. Can the FiberPatrol FP1100 system automatically control PTZ cameras?

Through the FPRAMS, or other third-party alarm management systems, most industry standard PTZ cameras can be controlled and automatically pointed to the spot of intrusion based on the alarm location reported by the FP1100.

7. Does the FiberPatrol FP1100 system need to be recalibrated after the initial installation?

The FP1100 does not need to be recalibrated in the course of normal operation.

8. Can the FiberPatrol FP1100 system be expanded if the fence line changes or a gate is added?

The FP1100 sensor cable can be moved or extended to accommodate changes or additions in the fence or perimeter line, with a corresponding update to the system software configuration.

9. Can the FP1100 system be used to monitor an existing fiber-optic cable?



The FP1100 can work with many fiberoptic cable types and configurations. Please feel free to contact our technical support staff to discuss and verify a particular application.

10. Who installs the Fiber Patrol security products?

Fiber Patrol systems and products are available and supported worldwide by factory certified dealers. For sales and application support in your area please contact us at 215-741-5850 or refer to our website.



FiberPatrol RAMS (v3.6)

1. What is FPRAMS?

FPRAMS or Fiber Patrol Remote Alarm Management System is a network-based software platform providing security system integration and alarm management at the enterprise level.

FPRAMS enables remote monitoring and control of Fiber Patrol Intrusion Detection Systems, CCTV, and other third-party security equipment located across one or multiple sites.

2. How does FPRAMS work?

FPRAMS consists of three main parts: the server, the client, and the site manager.

The FPRAMS Server is a Windows service-based software that provides a centralized location for alarm records and site configurations. It also provides the validation and subscription services for all FPRAMS clients.

The FPRAMS Client is a Windows-based GUI application that can be used by security personnel to connect to the FPRAMS server in order to monitor and manage one or more sites.

FPRAMS Site Manager is an autonomous program located at the individual site that reports to the FPRAMS server and enables local hardware integration functions such as automatic camera control.

3. What are the operation system requirements for FPRAMS?

FPRAMS is fully compatible with the following operation systems:

- * Windows XP SP2
- * Windows 2003 Server SP1
- * Windows Vista

4. How are alarm records stored and retrieved?

Alarms reports from the monitored sites are received by the FPRAMS server, and stored in FPRAMS alarm database. Alarms can be retrieved through FPRAMS client software. FPRAMS alarm database is based on Microsoft SQL 2005 database engine.

5. Can FPRAMS have more than one station monitoring the same set of remote sites?

Multiple FPRAMS client stations can connect to the FPRAMS server at the same time to monitor observe the alarm activity at the monitored sites. Each connection requires a unique license to subscribe to to the FPRAMS server. The license also defines the access rights of client station, which can range from passive monitoring to full system control.

6. Which brands of cameras and DVRs are supported by FPRAMS?

The FPRAMS supports video surveillance equipment from most major manufacturers. The open-interface architecture of FPRAMS allows other brands to be integrated on the project-by-project basis.



7. What skill level is expected from an FPRAMS operator?

Only basic computer skills are necessary. FPRAMS is designed based on the standard Microsoft recommended “look and feel” for familiar experience. The graphical display and itemized alarm list make the alarm management intuitive and straightforward. Most of the alarm processing tasks, such as camera control and video recording are automated and require no user input.

8. Does FPRAMS store alarm video clips locally?

Alarm videos are stored in DVR / NVR, and can be retrieved by the FPRAMS client software based on the alarm record. The FPRAMS can also store the retrieved video clips locally for additional archiving.