

FIBER FENCE / OPTI-MAG MAPPING SYSTEM OMS-MAP



The optional Mapping System provides the ability to quickly identify the exact location of a tripped sensor, such as that resulting from a security breach. Using its integrated OTDR technology, the Mapping System's software graphically identifies the tripped sensor on a facility photo or map being displayed on the System's monitor.

The Mapping System option replaces the standard Zoning Control Unit.

Fiber Fence Mouse Trips, Opti-Mag Sensors, as well as third-party security devices can be used with the Mapping System to monitor perimeter fencing, doors, windows, access panels, control valves, switches, manhole covers and more. The System can also integrate and display a wide range of security devices on a single facilities monitor. The Mapping System has an 18dB dynamic range. The Mapping System includes the Mapping Software, mouse and display monitor.

Using the Mapping System with Fiber Fence Mouse Trips and Opti-Mag Sensors

The optional Mapping System uses OTDR technology to detect tripped Fiber Fence Mouse Trips or Opti-Mag Sensors. Tripped sensor locations may indicate an intrusion attempt anywhere along the secured perimeter or a movement in the position of a door, cover or valve handle. The Fiber Fence System is capable of monitoring perimeters of up to 10km (6 miles) in length, without requiring electrical power anywhere along the perimeter. The Opti-Mag Sensor does not require electricity and can be used in flammable environments where electrical arcing is prohibited. For more information on the Fiber Fence or Opti-Mag Sensor Systems, contact Fiber Instrument Sales.

KEY FEATURES

- Integrated 1310nm control module
- 8 to 10Km Transmission Range
- Automatic Calibration
- Monitor, Mouse and Keyboard Included
- 18dB Dynamic Range

SPECIFICATIONS

Operating Wavelength	1310nm SM Fiber
Optical Connectors	FC
Dynamic Range	18dB*
Operating Temperature	0° to 50°C
Power Requirements	110/220 VAC 50-60Hz
Fiber Type	9/125µm