



# SPECTRAVIEW

## SpectraView

### Calibration and Maintenance Software

Intrusion detection system calibration doesn't always take place in sunny weather, and prospective nuisances don't always arrive on a convenient schedule. For these reasons, Fiber SenSys offers SpectraView, a maintenance and calibration software utility designed to provide installers and end users with the flexible tools for optimal system calibration in all circumstances.

Geared for installation on your laptop or desktop PC, SpectraView offers six separate modes of operation to assist you with the maintenance and calibration process of any Fiber Defender series Alarm Processing Unit (APU). Connect a serial cable from your PC to the APU under test, launch the software, and you're ready to roll.

#### Save Sensor Data

With SpectraView, you no longer have to guess what an event looks like to the sensor cable. The Real-Time mode gives you instant view of incoming sensor cable signals in real time. Tired of waiting around for that nuisance to show up? Using up to four user-selected triggers, SpectraView automatically saves a 10-second recording of sensor cable data surrounding each trigger. You can set the software up and walk away.

#### Analyze Sensor Data

Want to know the frequency of the noise that train keeps making as it rumbles by your buried detection zone? Record a file and analyze its frequency content using SpectraView's Replay mode. Anticipate what your calibration parameters need to be to compensate.

#### Change Calibration Settings

We understand you don't have all day to scroll through individual calibration parameters one at a time. That's why SpectraView includes a Parameter Editor mode, giving you access to all of an APU's calibration parameters from one convenient table. Retrieve the current settings, change them, and upload them to the APU in one shot. The Parameter Editor mode also gives you the ability to save calibration settings to a file once you've got them set, allowing you to upload them to more than one APU.

At the touch of a button, print a hardcopy of your APU calibration settings from this mode and save them for reference.

#### FEATURES

- Windows®-based software
- Sensor signal viewing and recording capability
- Operating modes for viewing, recording, analyzing, and modeling sensor cable data
- Able to extract spectral data records (FD-300 series APUs only)
- Compatible with all Fiber Defender series Alarm Processing Units

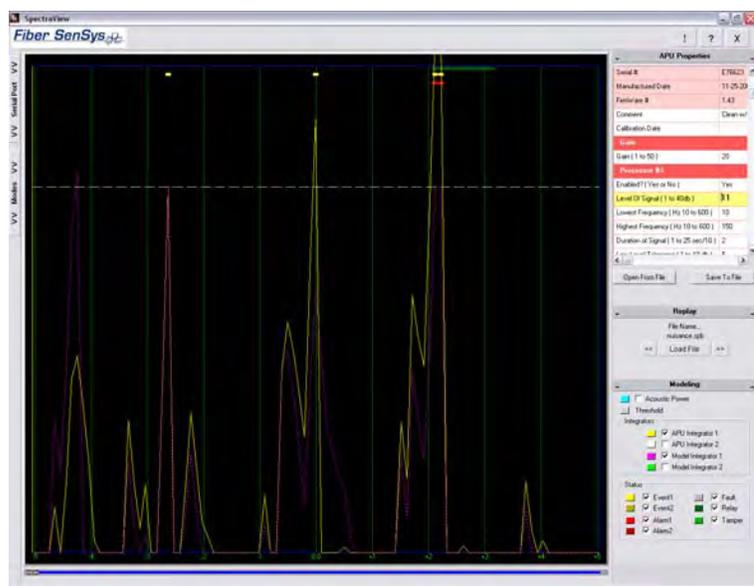
# Flexible and Convenient Calibration Software

## Predict

When it comes to optimizing calibration settings to screen out nuisances and detect intruders, you have two choices: use the wait-and-see method, or use SpectraView's APU Modeler mode to predict the calibration setting requirements.

With the APU Modeler mode, you can import saved sensor cable data files. By changing theoretical calibration parameter settings, you can view the likely effect each change will have. Optimize your calibration settings to filter out or minimize the impact of a non-threatening event without ever having to leave your office. Save the settings to file for uploading to the APU at a later time.

Simple, rapid, convenient - everything a calibration tool should be.



## Specifications

### System Requirements:

- Windows NT® 4.0, Windows 2000®, or Windows XP®
- PC with Pentium III® processor or newer
- 128 Mb of RAM, minimum
- 10 Mb of available hard-drive space
- RS-232 serial port
- 800 x 600 pixel display or better

Communication Interface: RS-232 only

Alarm Processing Unit Compatibility: Compatible with all FD-200 and FD-300 series APUs

### Available Operating Modes:

- Replay Mode
- Terminal Mode
- Real-Time Mode
- APU Parameter Editor Mode
- APU Modeler Mode
- Spectral History Mode

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