



# Hyperion

## Hand Held Calibrator for Fiber Optic Intrusion Detection Systems

It isn't always practical to take a delicate laptop PC into the field for calibration of your intrusion detection system. That's why Fiber SenSys has created Hyperion, a rugged, versatile hand-held calibrator built from the ground up to meet the grueling requirements of field use.

### Endures the Harsh Conditions

Rated to MIL-STD-810 standards, Hyperion is sealed against dust and dirt and is rated to survive direct impacts and drops onto a hard surface from a height of up to 4 feet. It can be immersed in water, mud, or left outside in temperatures up to 140° F or as low as -22° F and still continue to operate. Sound too incredible to be true? Just handling the calibrator will let you see for yourself: Hyperion is built to survive.

### Compact and Convenient Design

Weighing just 17 ounces, and measuring 6.5 inches long and 3.75 inches wide, Hyperion is easy to take along wherever you go. Hyperion fits easily into Fiber SenSys' standard Alarm Processing Unit (APU) enclosures, so you can leave connected to the APU overnight to record sensor cable data files. Best of all, Hyperion operates off batteries rated to last for 3800 mAh (about 8-16 hours of normal operation), so you don't have to worry about providing power to remote locations.

### Versatile and Powerful System Calibration

Convenience and survivability aside, Hyperion places the power you need to calibrate your intrusion detection system right in the palm of your hand. Built onto a Windows® Mobile® platform, Hyperion's calibration software provides 4 modes of operation. Plug Hyperion into the RS-232 port of an APU and

record sensor cable data files, view sensor cable data in real time, retrieve spectral history records, or change calibration settings - all through Hyperion's intuitive touchscreen interface.

Hyperion comes with an RS-232 cable for communicating with all available Fiber Defender series APU models. A standard USB cable is also included for connecting Hyperion to a conventional PC.

### FEATURES

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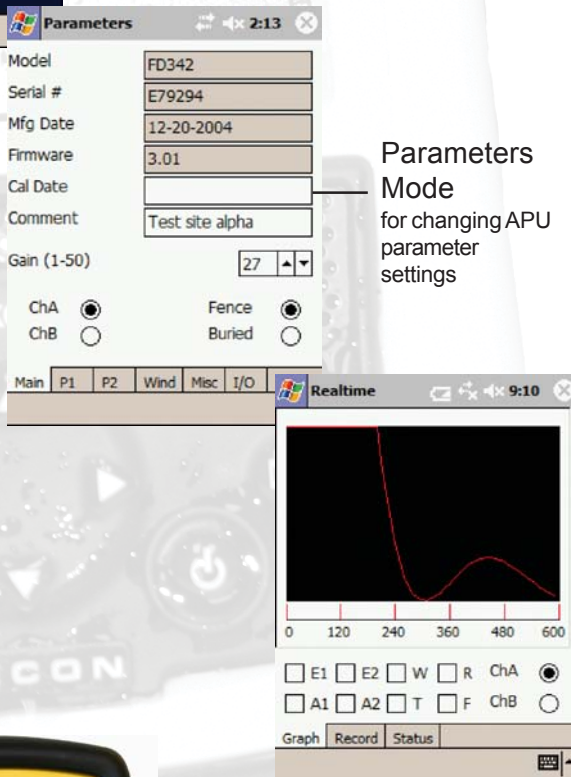
- Ruggedized, all-weather pocket PC with touchscreen interface
  - Windows® Mobile®-based software
  - Operating modes for viewing and recording sensor cable data and changing calibration settings
  - Able to extract spectral data records (FD-300 series APUs only)
  - Equipped with 9-pin RS-232 and USB ports
  - Compatible with all Fiber Defender series Alarm Processing Units
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# Rugged and Lightweight Calibrator

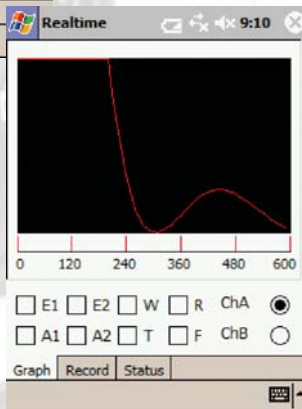
Hyperion uses Microsoft® Mobile® as the software platform, so Hyperion operates with conventions that pocket PC users are familiar with. Save a sensor cable data file and store it in a convenient file location using File Explorer®. Retrieve the file at a later date and upload it to a PC for detailed analysis.



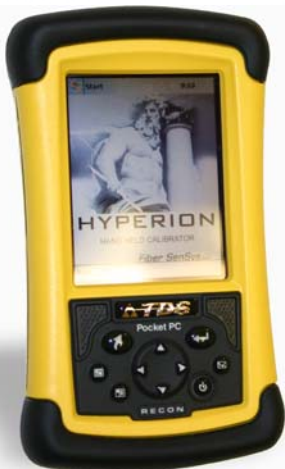
**Main Screen**  
for selecting operating modes



**Parameters Mode**  
for changing APU parameter settings



**Real-Time Mode**  
for viewing and recording sensor cable data



*Need to analyze a sensor cable data file in detail? All files saved in Hyperion are 100% compatible with Fiber SenSys' SpectraView software, so you can extract the files and analyze them on a conventional PC using SpectraView.*

## Specifications

### Physical Specifications

|                                      |  |
|--------------------------------------|--|
| Dimensions:                          | 6.5 x 3.75 x 1.75 inches (16.5 x 9.5 x 4.5 cm) H x W x D |
| Weight:                              | 17 ounces (490 g)  |
| Construction:                        | Impact-resistant plastic with rubber cushioning          |
| Operating Temperature:               | -22° to 140° F (-30° to 60° C)                           |
| Altitude:                            | Altitude up to 15,000 ft                                 |
| Impact resistance:                   | Drops from up to 4 ft                                    |
| Water:                               | Survives immersion up to 30 minutes                      |
| Dust:                                | Impenetrable to dust                                     |
| Batteries:                           | 3800 mAh NiMH rechargeable pack                          |
| Communication Interface:             | RS-232 (for APU communication only) and USB ports        |
| Alarm Processing Unit Compatibility: | Compatible with all FD-200 and FD-300 series APUs        |

### Available Operating Modes:

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

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