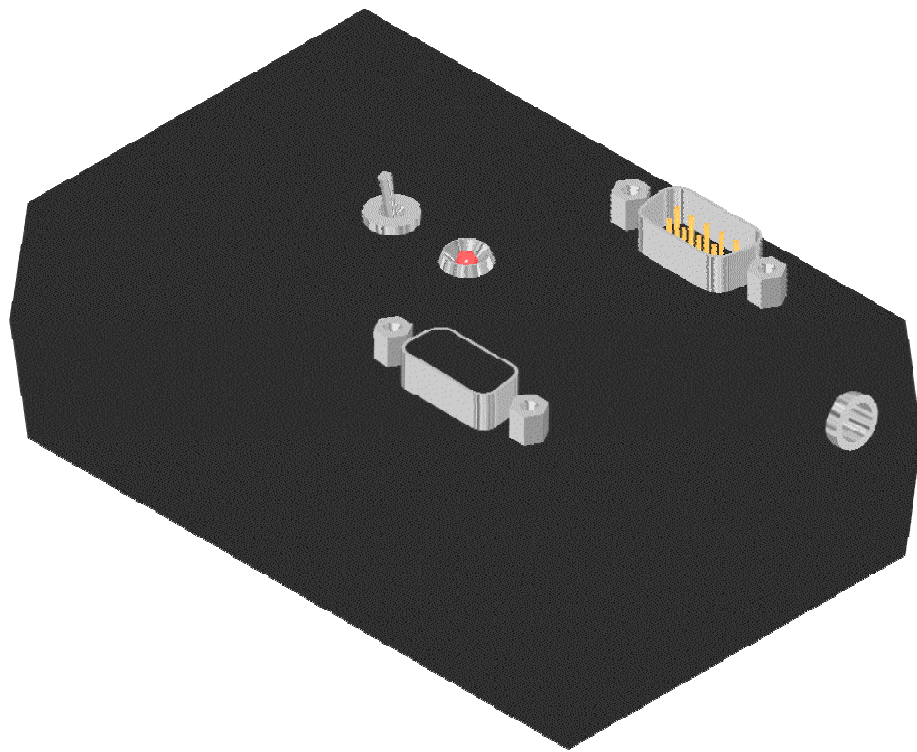




Interface Box

T002-0001



Operations Guide



Sierra Safety Technology

Operation Guide - T002

Custodian:	Production	Part Name:	Interface Box	
Date:	July 11, 2005	Part No.:	T002-0001	
Status:	Final	Revision:	1.0	
Revision and ECO Incorporation Record				
Rev.	Date	ECO No.	By	Description

The Interface Box is designed to connect a standard PC computer serial port to FireNet™ communication port and provide 16 VDC to a device.

Power to the Interface Box is supplied from an external AC/DC power adapter. Which is plugged into the 2.1mm connector located on the side of the Interface box (the center is V+ and the shell is V-).

The **DB9 Female** connector connects to the PC Computer serial port.

The **DB9 Male** connector connects to the FireNet™ terminals on a FireNet™ compatible device.

The Switch on the top of the Interface Box controls power to the FireNet™ side of the Interface Box.

The LED indicates power on the FireNet™ side of the Interface Box.

Operation:

1. Connect a Standard PC Serial Port cable from a Serial Port on your computer, use either the 9 pin or a 25 pin port, to the 9 pin female connector located on the Interface Box. Connect the Power Adapter to the 110 AC outlet and the power connector on the Interface Box. Turn the Device Power Switch on the Interface Box to the OFF position (the Device Power LED should be off). Connect the device, with an FireNet™ Cable designed for the device begin used, to the DB9 male connector located on the Interface Box. **Use only a cable designed for the device type being used.**
2. With all cables connected, turn on the Interface Box. The LED should light and the device should become active. (Refer to devices Operations Manual for appropriate “power on” activity.) The Device Power LED does not indicate the state of the device only that power is being supplied to the cable.
3. Run the communication software for the device. Configure the software to use the Serial Port you used on your computer. Some software will auto-configure. The device must be connect and powered on for the auto-configure to work properly. (See the software manual for further information on configuration and use.)

Use the Interface Box switch to perform a power down reset of the device.

Before disconnecting any cables or working on the device be sure to turn off power at the Interface Box.

4. Interface Box Communication Connectors Pinout:

DB9 Male (FireNet™)			DB9 Female (PC Computer)		
Pin 2	D+	Data + side	Pin 2	RD	Receive Data
Pin 3	D-	Data - side	Pin 3	SD	Transmit Data
Pin 5	V-	- Device power	Pin 5	SG	Signal Ground
Pin 9	V+	+ Device power			

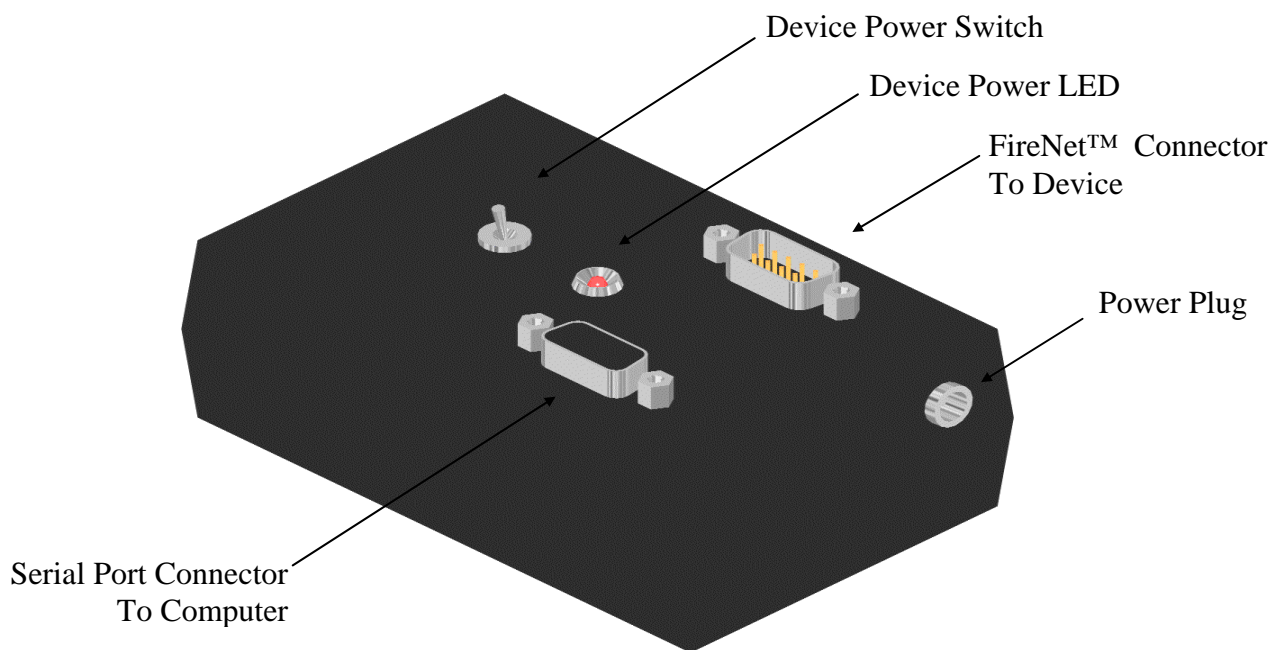
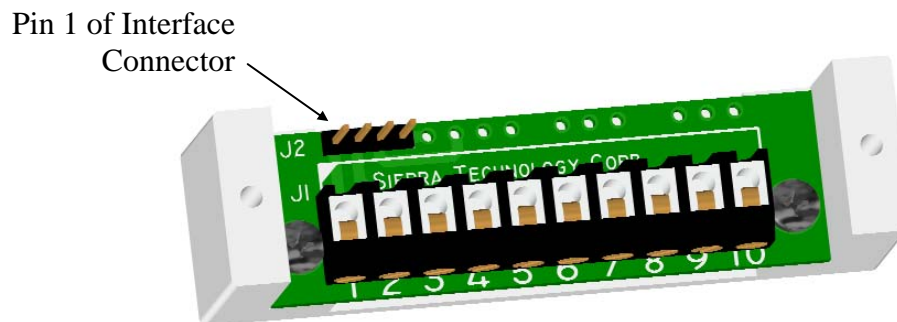


Illustration 1
PC Computer to FireNet™ Interface Box



CFD1 Connector