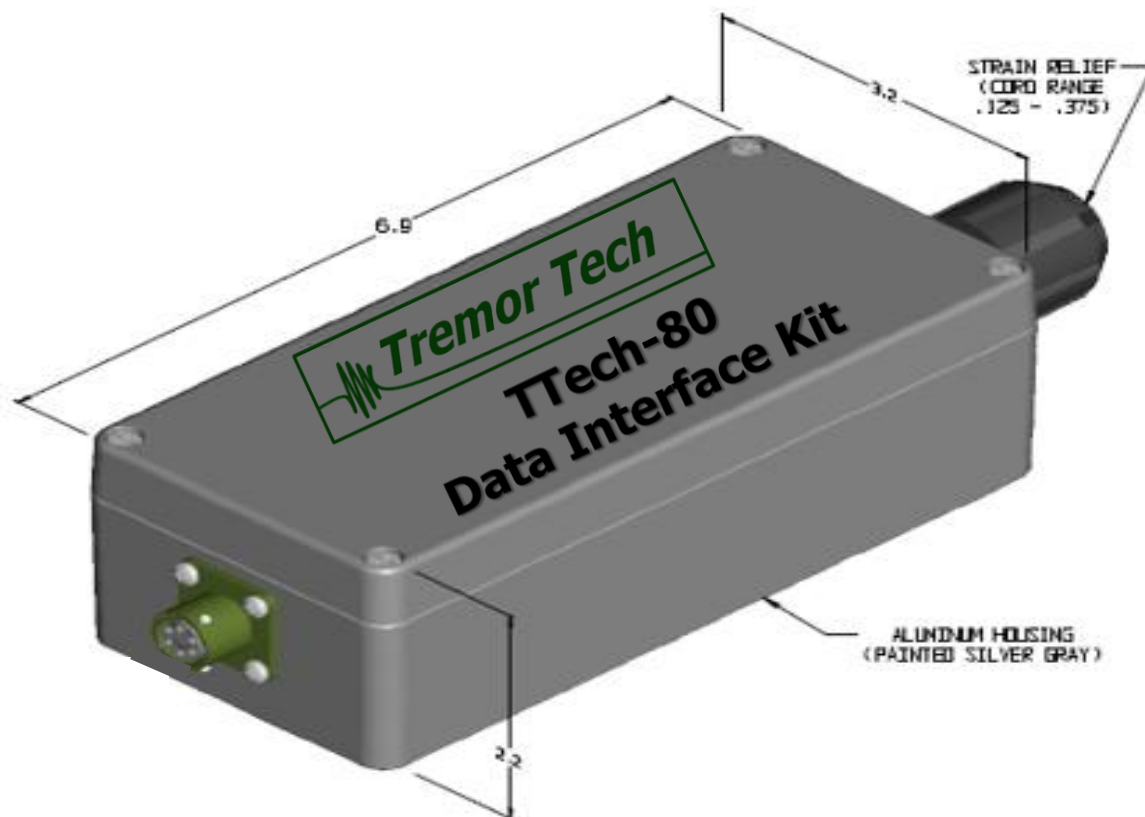


PIR Data Interface Kit

TTech-80



- **Now you can take unused PIR sensors and create PIR sensor triggers for all of your other sensor platforms.** Trigger cameras, radios, lights, or any device that can be activated by a simple contact closer.
- The TTech-80 Data interface Kit allows you to take any legacy PIR sensors and convert them into a simple contact closer trigger device.
- Remove the Data Interface Kit lid and quickly adjust the settings of your attached PIR to maximize detection zones using the a rotary gain adjustment knobs. (no programmer needed!).
- The TTech-80 Data Interface Kit is housed in a rugged watertight hermetically sealed aluminum enclosure. RFI protection is provided for use near strong RF sources such as radars and communication equipment.
- Internal access to the terminal block allows end users to mix and match any contact triggers desired. Normally open, normally closed, directional triggers as well as trigger your device with an open collector transistor if desired.
- The TTech-80 has a standard full 1 year warranty.

TTech-80 PIR Data Interface Kit

General Specifications

ELECTRICAL

Supply Voltage	10.2 to 30.0 VDC (As a low voltage indication, unit will give continuous alarm below 9.40 V). Reverse voltage protected up to -20 Volts. Positive transient protected up to 60 Volts.
Relay	
Output Ratings	Maximum Switching Voltage: 110 VDC, 125 VAC Maximum Switching Current: 1.0 A
Switch Configuration	Maximum Switching Power: 30 W, 63 VA Minimum Switching Capacity: 10 μ A, 10 mVDC
Transistor	Open collector, NPN, 40 VDC, 40 mA
Output Impedance (Typ.)	25 Ohm @ 25°C
Output Protection	PTC resistor, current limited
Alarm Indication	Internal Red LED (Active when cover is removed)
Alarm Hold Time (Typ.)	2.0 seconds
Sensitivity Adjustment	Finger adjustable knob potentiometer with markings at 10%, 50% and 100% (10:1 range)
Strain Relief Cable Range	0.125" to .375" diameter
Terminal Block Wire Size	26 AWG minimum 16 AWG maximum
Environmental	
Operating Temperature Range	-40°C to +70°C
Storage Temperature Range	-40°C to +70°C
Sealing	Watertight hermetic seal, provided strain relief is properly tightened around cable (RTV sealant is recommended) and cover is properly tightened.

