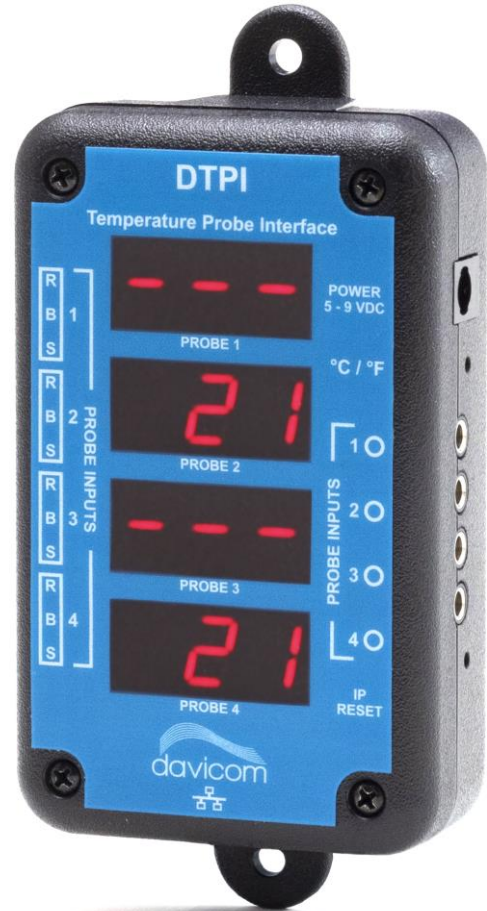


## Temperature Probe Interface · DTPI

The DTPI is a temperature probe interface that can handle up to 4 “one-wire” DS18B20 or DS18S20 temperature probes (sold separately). The probes can measure temperatures ranging from -55° to 125° Celsius while the interface is designed to operate between 0° and 70° Celsius.

Temperature probes are available in three cable lengths: 1m, 5m and 15m with pigtail connections. The DTPI has been tested with cable lengths of up to 30 meters. The DTPI also accepts a standard 1/8” stereo plug for probe cable connections. A 9V wall-wart is provided with the unit.



### ELECTRICAL SPECIFICATIONS

Operating Voltage	+5 to +9 VDC
Current consumption	250 mA @ 9 VDC

### ONE-WIRE INTERFACE CONNECTIONS

R	Power
B	Signal
S	GND

When a temperature probe is connected to either the terminal block or the corresponding 1/8 stereo jack, the associated front LED display shows the temperature measured by the probe. The temperature can be displayed in degrees Celsius or Fahrenheit. Readings can also be retrieved remotely through simple SNMP GET commands sent to the onboard SNMP agent. The MIB file and a firmware upgrade tool are available for download.