

iDAQ™ Data-Logger

4/8 Channel, PT100 Temperature Converter

DESCRIPTION

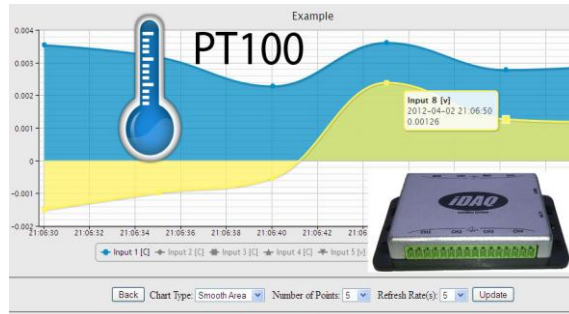
The PT-04 and PT-08 are compact, four and eight channel platinum resistance temperature converters respectively. They offer high resolution, high accuracy readings and are compatible with 2, 3 and 4 wire PT-100 sensors; converters can also be used to measure resistance. The PT-0x has Wi-Fi and USB 2.0 interfaces, which is ideal for remote monitoring applications. Units incorporate a powerful web-server and only require a web browser to function. All units include 256Kb of internal memory for stand-alone operation.

APPLICATIONS

- Environmental monitoring
- HVAC and refrigeration
- Eco home validation
- Building management
- Heating installations
- Cold chain monitoring
- Many more...

LIVE DEMO:

Available on request



Key Features

- Measuring range -200°C to +800°C
- High resolution (0.001°C) and accuracy (0.01°C)
- USB 2.0 and Wi-Fi Interface - ideal for remote monitoring applications
- Internal memory for stand-alone operation
- Multiple email alerts
- Compact, robust design

Specifications

	PT-04	PT-08
Input type	PT100 Temperature Sensor	
Number of inputs	4	8
Measuring range	-200°C to +800°C	
Accuracy at 25 °C	0.01°C	
Temperature resolution	0.001°C	
Converter resolution	22 bits	
Conversion time	100ms per channel	
Internal Memory	256Kb	
Input connectors	3.5mm Screw terminals	
Input impedance	>> 1 MΩ	
Interface	USB 2.0 and Wi-Fi	
Supply	5VDC (100mA)	
Temperature range	0 °C to 70 °C operating -20 °C to +80 °C storage	
Humidity range	20% to 90% RH, non-condensing, operating 5% to 95% RH, non-condensing, storage	
Dimensions	92mm x 51mm x 18.3mm	

Ordering Information

Part No.	Description
PT-04	PT-04 Data-Logger with Wi-Fi and USB 2.0. Measures up to 4 PT100 temperature sensors.
PT-08	PT-08 Data-Logger with Wi-Fi and USB 2.0. Measures up to 8 PT100 temperature sensors.

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